



SOLUÇÕES PERSONALIZADAS DE  
ILUMINAÇÃO PARA O VAREJO

2018

# LED

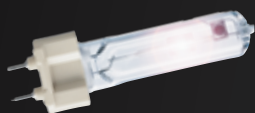
LED é uma sigla para (L)Light (E)Emitting (D)Diode, e em português, Diodo Emissor de Luz. O LED tem a propriedade de transformar energia elétrica em luz.

O LED foi criado por Nick Holonyac, em 1963, na cor vermelha. Inicialmente seu uso foi direcionado para sinalização de aparelhos eletrônicos. O LED amarelo surgiu nos anos 60, e após 15 anos, o verde. A partir dos anos 80, com o avanço de tecnologias disponíveis, o LED começou a se tornar uma alternativa de substituição de lâmpadas convencionais.

## Vantagens da iluminação LED

- Consumo inferior a fontes de luz convencionais;
- Vida Útil maior que alternativas convencionais;
- Não emitem raios UV;
- Não possuem mercúrio em sua composição;
- Não "produzem calor";
- Pode-se controlar sua luminosidade;
- Durabilidade e redução de manutenção;
- Tecnologia de Automação

## Equivalência LED x Lâmpadas Convencionais



CDM-T  
35W | 9000Hs  
70W | 9000Hs

Produzem brilho superior nos produtos iluminados.

X



Halógenas  
35W | 3000Hs  
60W | 3000Hs

Melhor reprodução de cor natural

X



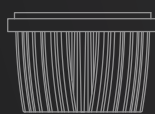
LED  
1000 lm | 50000 h  
2000 lm | 50000 h  
3000 lm | 50000 h

Menor Consumo; Maior Vida Útil;

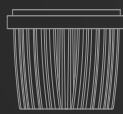
## Componentes de uma luminária LED



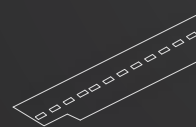
COB LED



KIT 11



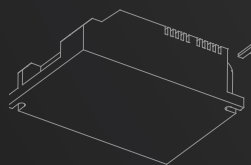
KIT 80



LINE LED



REFLETOR



DRIVER



DISSIPADOR

### Manutenção do Fluxo Luminoso

Fabricantes designaram alguns termos que informam a vida útil do LED. Saiba quais são e como entendê-los.

### L70

L = tempo de vida informado pelo fabricante (ex: 50000h) 70 = percentual em que o LED opera no máximo da sua capacidade. Após isso, o LED começa a perder eficiência.

Existem fabricantes que trabalham com: L90, L70 e L50

### B10

B = percentual do fluxo luminoso original após o tempo de vida informado pelo fabricante

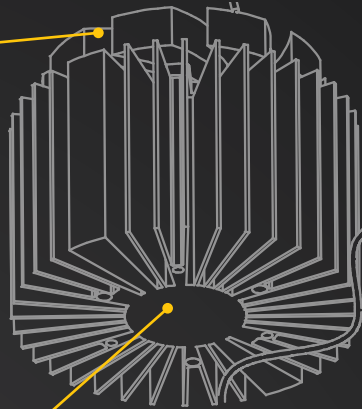
Existem fabricantes que trabalham com: B10, B20, B30, B50



# Estrutura de uma luminária LED

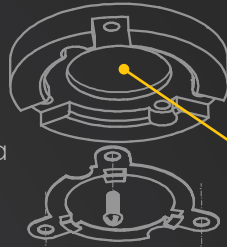
## DISSIPADOR ATIVO

O Dissipador ativo elimina o "hot spot" (maior área de concentração de calor) no dissipador, realizando a manutenção da refrigeração através de ventilação forçada.



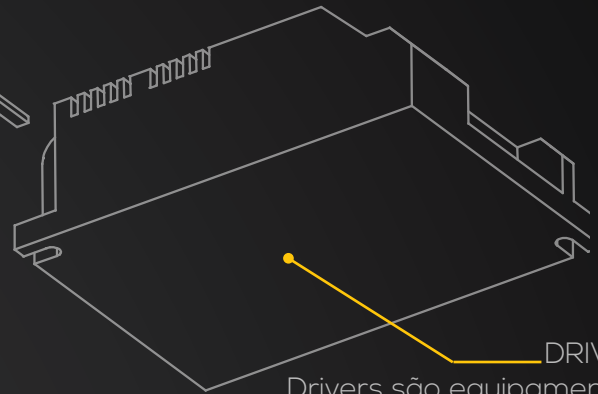
## DISSIPADOR PASSIVO

Apesar de ser considerada uma luz fria, todo LED gera calor. O fluxo de ar que entra e sai na luminária de led é importante para garantir a vida útil do LED e evitando o enfraquecimento da luz.



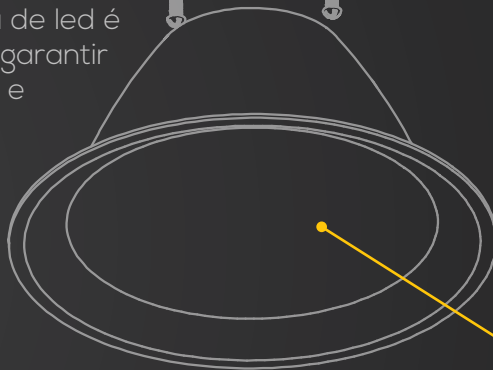
## DRIVER

Drivers são equipamentos necessários ao funcionamento correto do LED, levando a tensão e corrente adequadas para seu perfeito funcionamento, através de sistemas inteligentes que controlam a corrente adequada e evitam o superaquecimento do led.



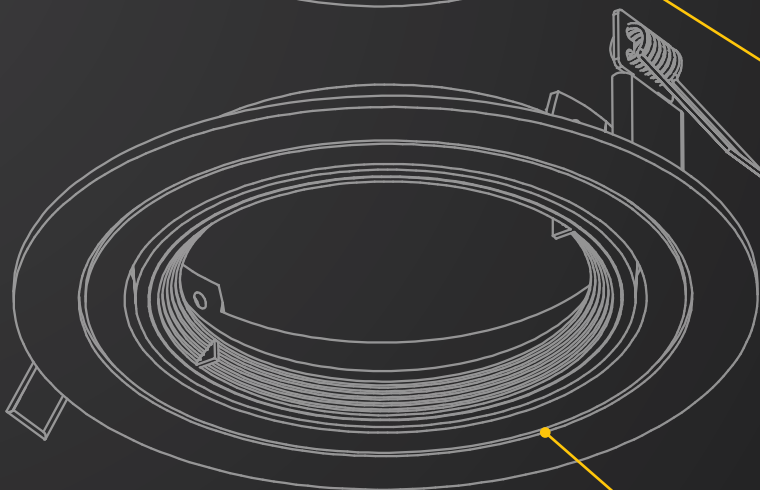
## LED

O LED é o silício compactado e processado em partículas emissoras de luz (L)Light (E) Emitting (D)Diode e posicionado em uma placa com circuito impresso e coberto com fósforo para gerar a cor da luz. Por fim, são acrescentados holders (bases como soquetes) no padrão zaga e conexões.



## REFLETOR

O refletor controla o fluxo luminoso. Existem refletores de fecho aberto para grandes áreas a serem lavadas de luz e refletores de fecho fechado que focam e destacam objetos. Com o refletor temos as curvas fotométricas que garantem a eficiência dos projetos luminotécnicos.

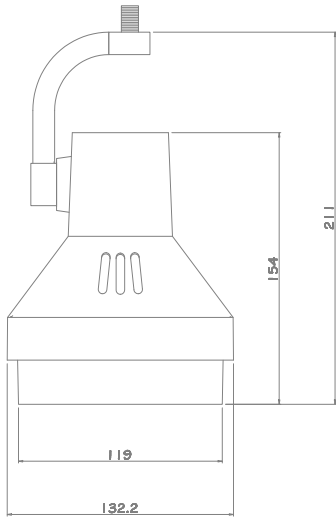


## CORPO DA LUMINÁRIA

O formato de uma luminária define o tipo de iluminação pretendido. Existem peças com diversos movimentos para focalização de produtos em diferentes ângulos, com tamanhos especiais para aumentar áreas iluminadas e peças com dimensões reduzidas para aplicação em pequenos nichos. A utilização do LED possibilita a substituição de peças com lâmpadas convencionais e ainda criar novas aplicações

# Spots

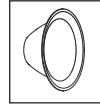




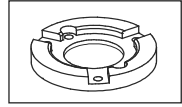
# Tech IX LED

 **Spot**

ø132X211mm



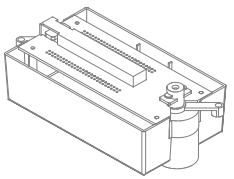
12°|24°  
36°|45°



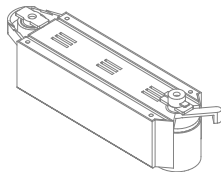
1000 lm  
2000 lm  
3000 lm



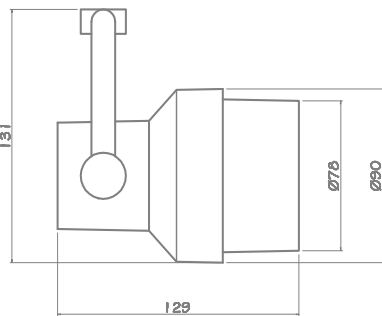
**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**



**Gear**  
150x89x50 mm



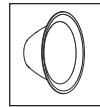
**Gear Mini**  
202x50x47 mm



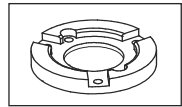
# Tech IX LED Mini

 **Spot**

ø78x131mm



12°|24°  
36°



1500 lm



**3000K**  
**4000K**

# SPOT STAR II LED

## O MELHOR FOCO PARA SEU PROJETO.

### GEAR BOX

Compartimentos para alojamento de drivers. Disponível em diversos modelos

### DISSIPADOR

Responsável pelo fluxo de ar que entra e sai na luminária. Garante a vida útil do LED e evita o enfraquecimento da luz.

### REFLETOR

Controla o fluxo luminoso, abrindo ou diminuindo o fecho de luz.

### LED

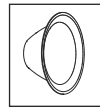
É o silício compactado e processado em partículas emissoras de luz: (L)Light (E)Emitting (D)Diode e posicionado em uma placa com circuito impresso e coberto com fósforo para gerar a cor da luz.



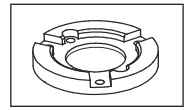
# Spot Star



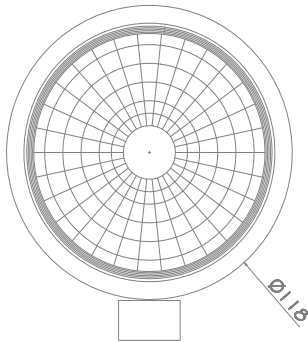
Spot



12°|24°  
36°|45°

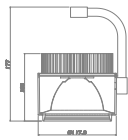


1000 lm  
2000 lm  
3000 lm

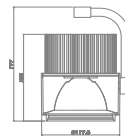


Ø118

LED COB

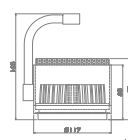


1000 - 2000 lm

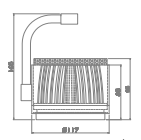


3000 lm

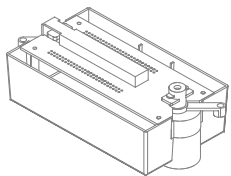
KIT II



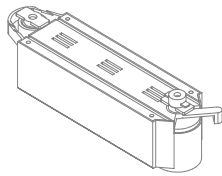
1000 - 2000 lm



3000 lm



Gear  
150x89x50 mm

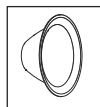


Gear Mini  
202x50x47 mm

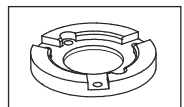
# Spot Star Mini



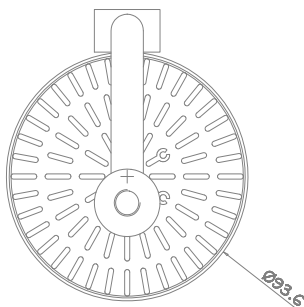
Spot



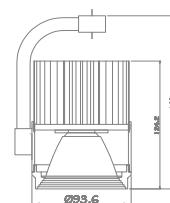
18°|24°  
36°



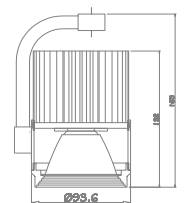
1000 lm  
2000 lm  
3000 lm



Ø93,6



1000 - 2000 lm



3000 lm



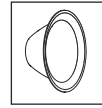


# Spot 55

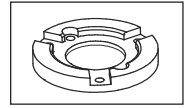


Spot

ø112,5X175mm



12°|24°  
36°|45°

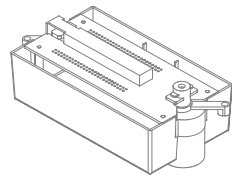
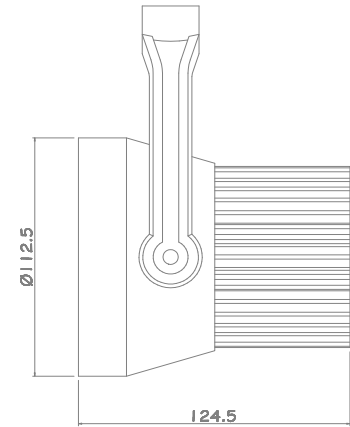
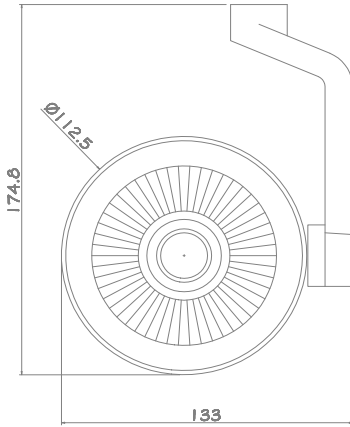


1000 lm  
2000 lm

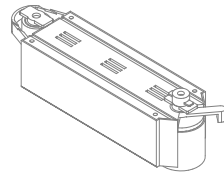


**3000K**  
**4000K**

**IRC**  
**80 90 95**  
**conheça!**



Gear  
150x89x50 mm



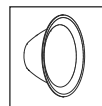
Gear Mini  
202x50x47 mm

# Spot K16



Spot

ø50X193mm



20°|40°

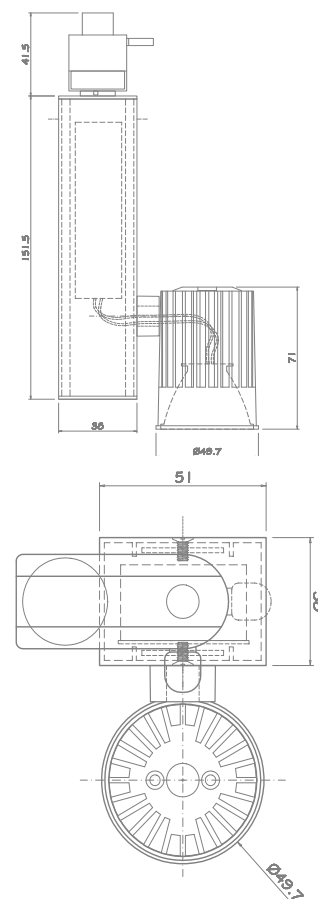


1000 lm



**3000K**

**4000K**

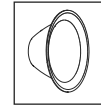




# Spot K16

 Spot

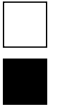
ø50X71mm



20°|40°



1000 lm



**3000K**

**4000K**

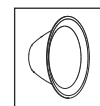
Opção de configuração  
Alça Reta



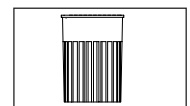
# Spot K16 II

 Spot

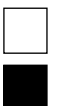
ø51X187mm



20°|40°

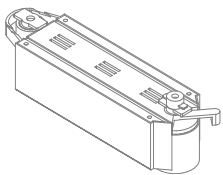
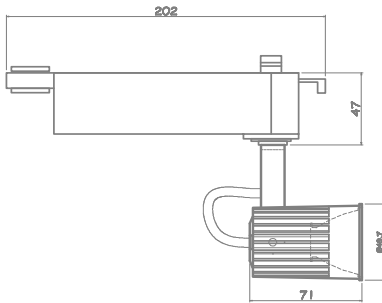
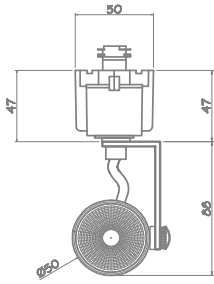


1000 lm

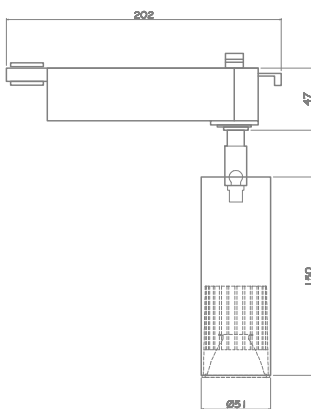
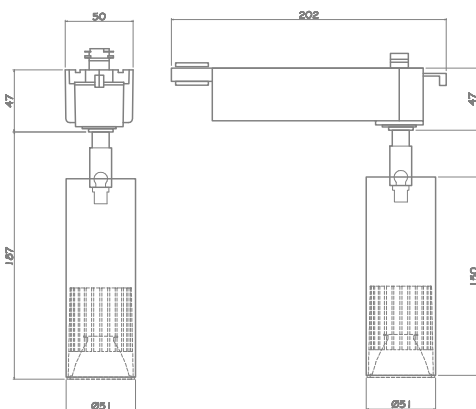


**3000K**

**4000K**



Gear Mini  
202x50x47 mm

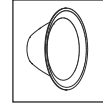


# Spot R11

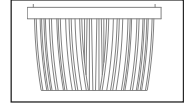


 Spot

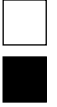
ø120mm



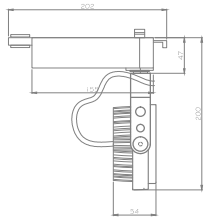
15°|24°  
36°|45°



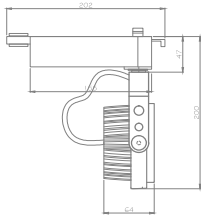
1000 lm  
2000 lm  
3000 lm



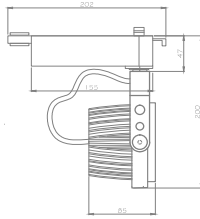
**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**

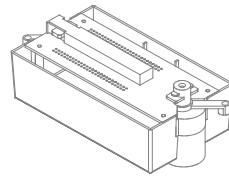
1000 lm



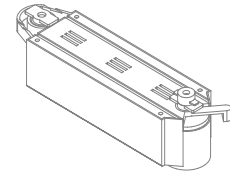
2000 lm



3000 lm

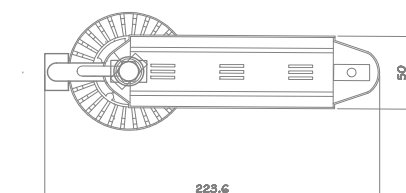
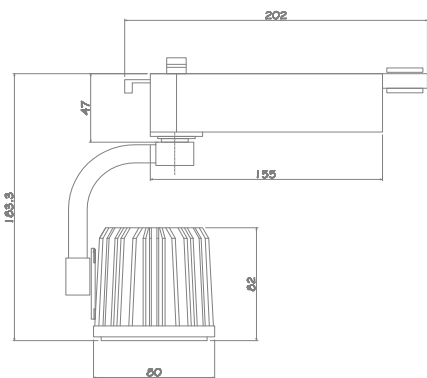


Gear  
150x89x50 mm



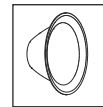
Gear Mini  
202x50x47 mm

# Spot R80

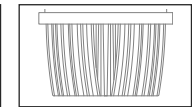


 Spot

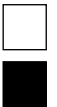
ø80X82mm



15°|24°  
36°



1000 lm  
2000 lm



**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**

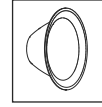


# Spot R80 II

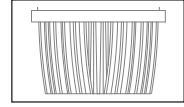


Spot

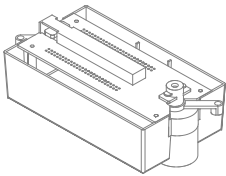
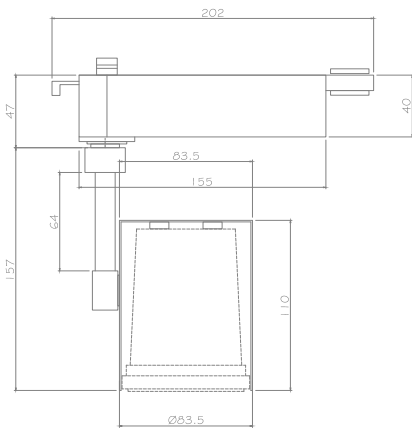
ø84X110mm



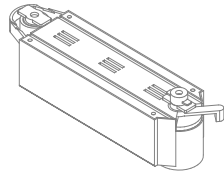
15°|24°  
36°



1000 lm  
2000 lm



Gear  
150x89x50 mm



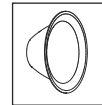
Gear Mini  
202x50x47 mm

# Spot R95

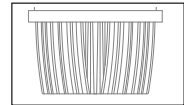


Spot

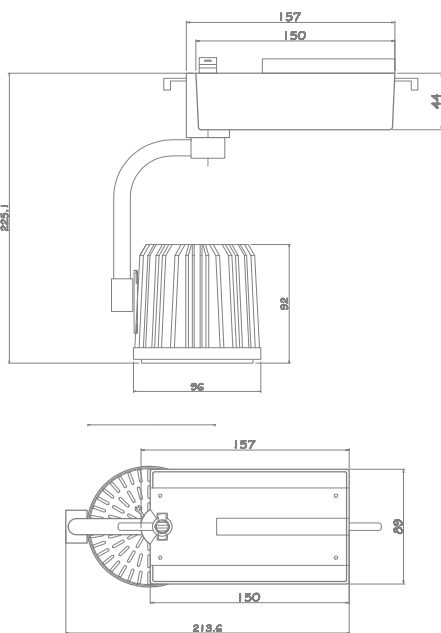
ø96X92mm

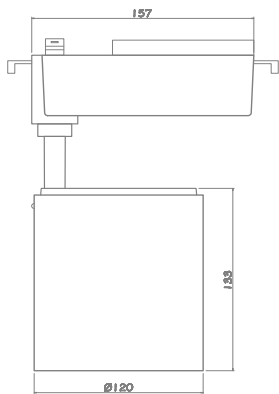


15°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm

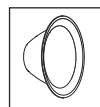




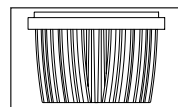
# Spot NEO 111

 Spot

ø120x133mm



15°|24°  
36°|45°

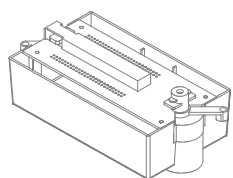


1000 lm  
2000 lm  
3000 lm

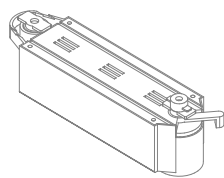


**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!



Gear  
150x89x50 mm

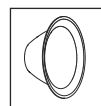


Gear Mini  
202x50x47 mm

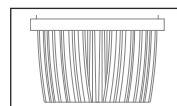
# Spot NEO 80

 Spot

ø87x133mm



15°|24°  
15°|24°  
36°|45°

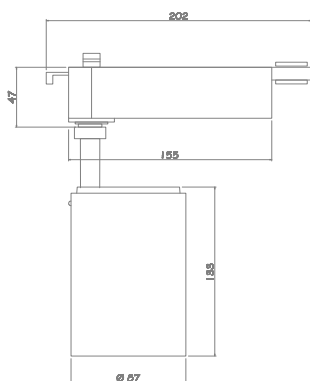


1000 lm  
2000 lm

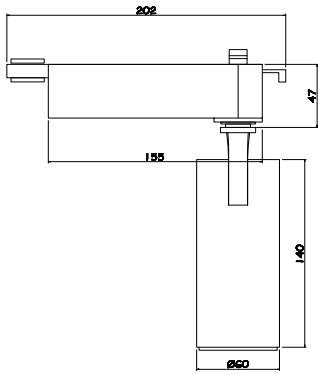


**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!

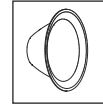


# Spot Tube

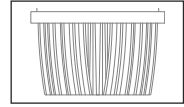


 Spot

ø60X140mm



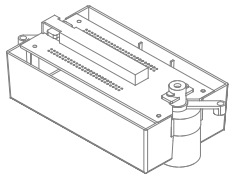
15°|24°  
36°|45°



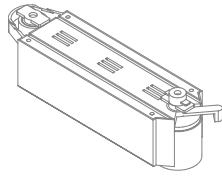
1000 lm  
2000 lm

**3000K**  
**4000K**

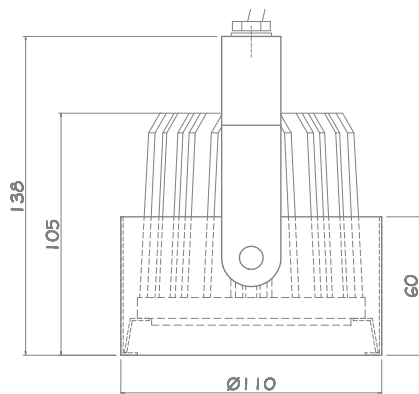
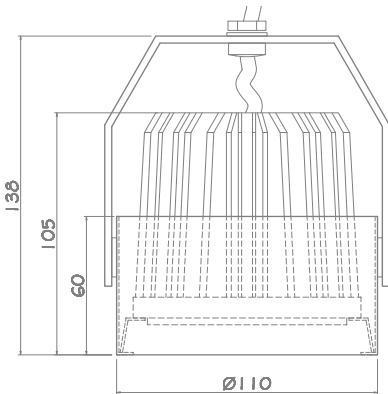
**IRC**  
**80 90 95**  
conheça!



Gear  
150x89x50 mm



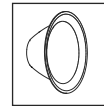
Gear Mini  
202x50x47 mm



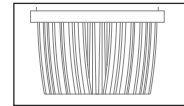
# Spot R95 R

 Spot

ø110X105mm



15°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm

**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!



# Projetores



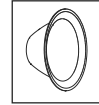


# Scenic LED

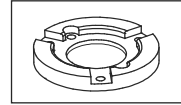


Projektor

185x165mm



12°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm



**3000K**

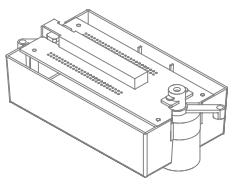
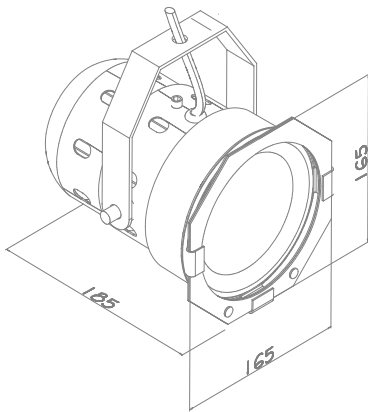
**4000K**

**IRC**

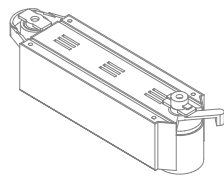
**80 90 95**  
conheça!



Compatível  
KIT 11



Gear  
150x89x50 mm



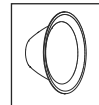
Gear Mini  
202x50x47 mm

# Scenic LED

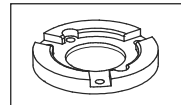


Projektor

250x180mm



12°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm



**3000K**

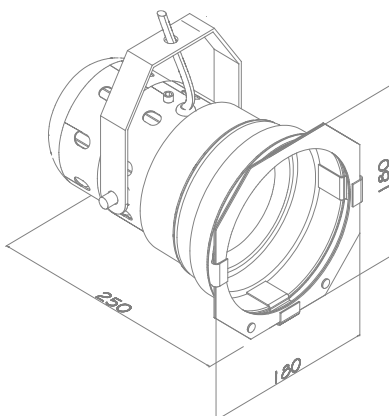
**4000K**

**IRC**

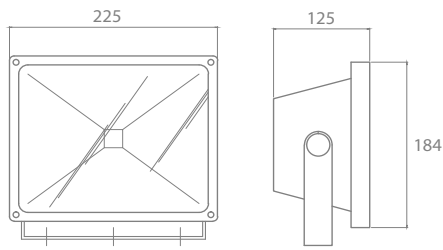
**80 90 95**  
conheça!



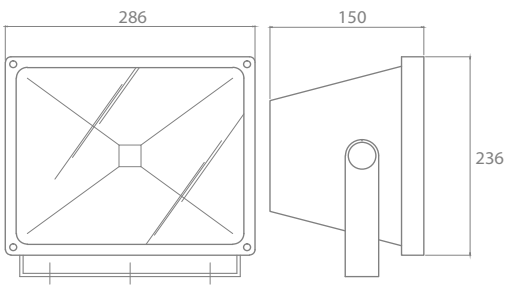
Compatível  
KIT 11



High Power 225 - 30W | 2250 lm



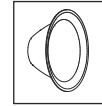
High Power 286 - 50W | 3750 lm



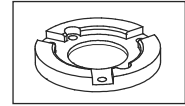
# High Power LED

 **Projetor**

225x125x184mm  
286x150x236mm



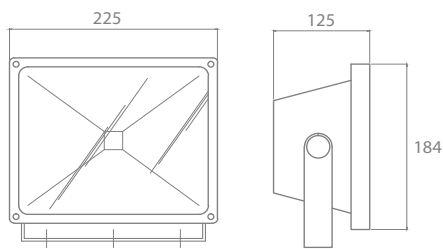
120°



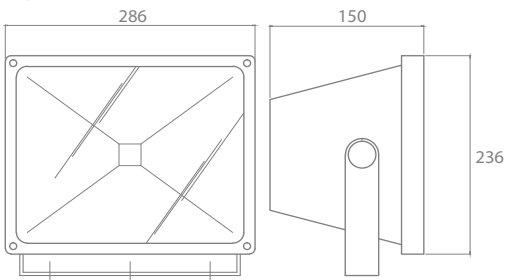
30W|2250 lm  
50W|3750lm

**3000K**

High Power 225 RGB - 30W | 2250 lm



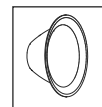
High Power 286 RGB - 50W | 3750 lm



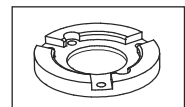
# High Power LED RGB

 **Projetor**

225x125x184mm  
286x150x236mm



120°



30W|2250 lm  
50W|3750lm



RGB

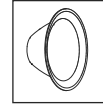
Controle  
remoto incluso

# Wall Washer

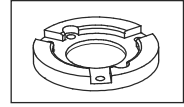


Projektor

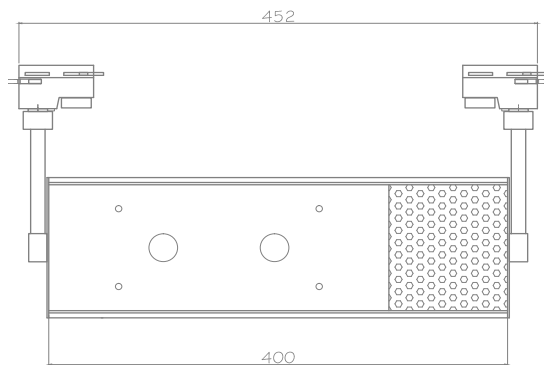
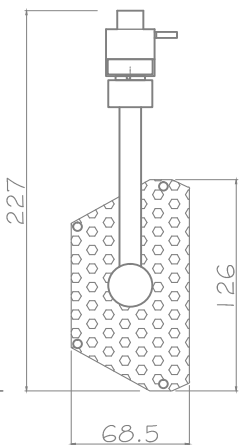
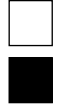
452x69x227mm



115°



3x1000 lm  
3x2000 lm



**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!

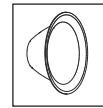


# Wall Washer

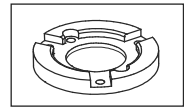


Projektor

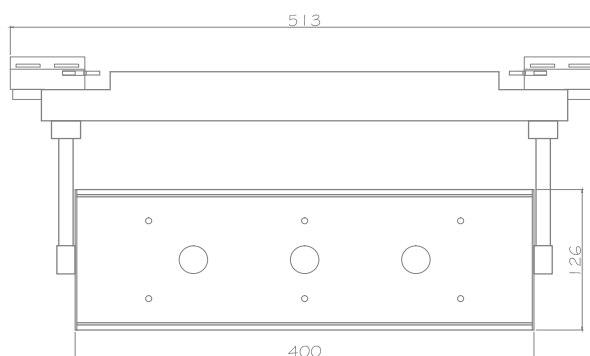
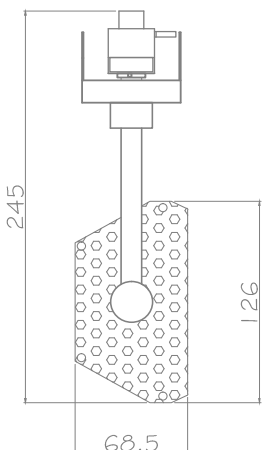
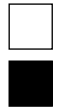
513x69x245mm



115°



3x1000 lm  
3x2000 lm



**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!

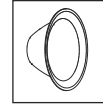


# Wall Washer

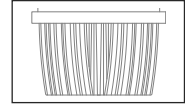


Projektor

459x91x232mm



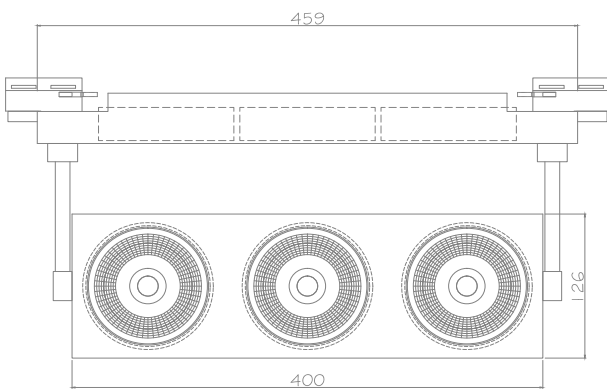
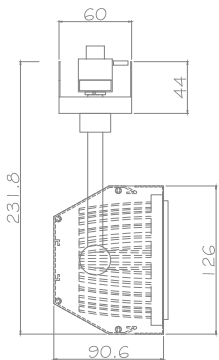
45°



3x2000 lm  
3x3000 lm

**3000K**

**4000K**

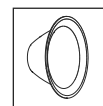


# Wall Washer

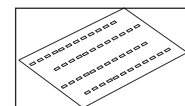


Projektor

255x56x196,5mm



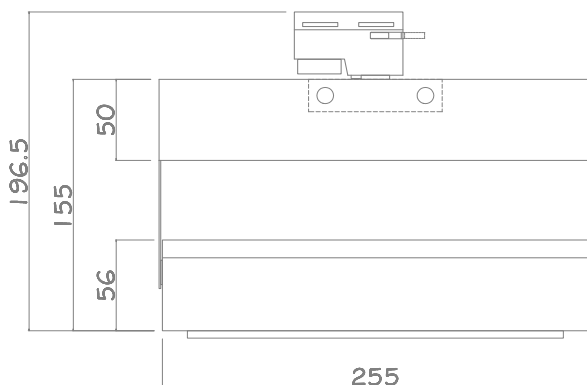
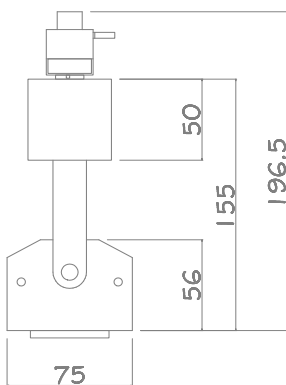
45°



3x2000 lm  
3x3000 lm

**3000K**

**4000K**

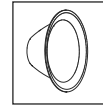


# Shop Lights LED

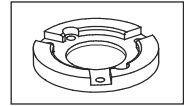


Projektor

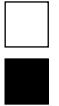
204x193mm



50°

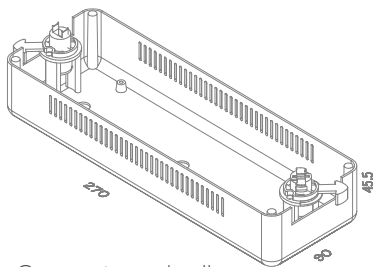
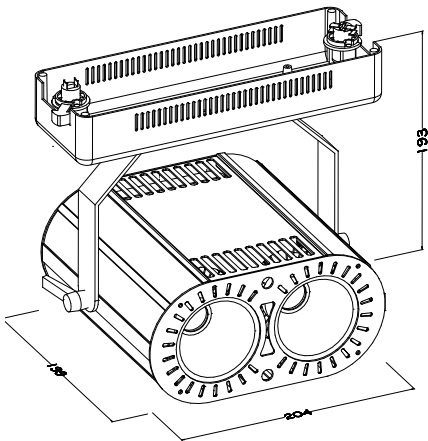


2x1000 lm  
2x2000 lm  
2x3000 lm



**3000K**

**4000K**



Gear retangular II  
270x90x45,5 mm

# Embutidos



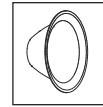


# Over All R11

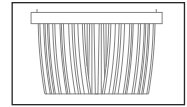


Embutido

Ø141,5mm



15°|24°  
36°|45°  
60°

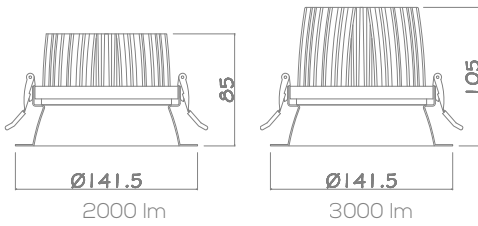
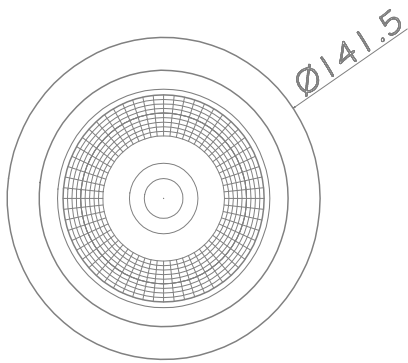


1000 lm  
2000 lm  
3000 lm



**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!



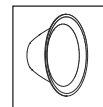
Furo no forro: Ø120mm

# Over All R80

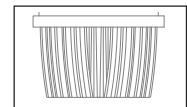


Embutido

Ø117mm



15°|24°  
36°

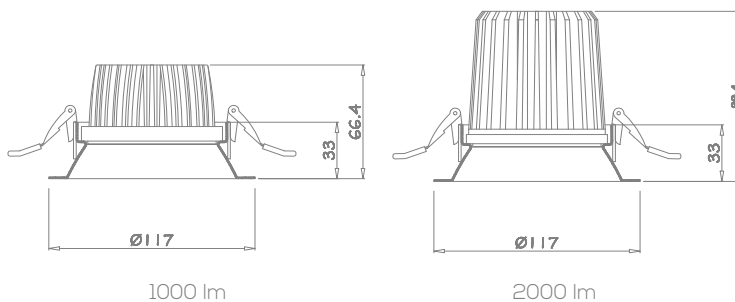
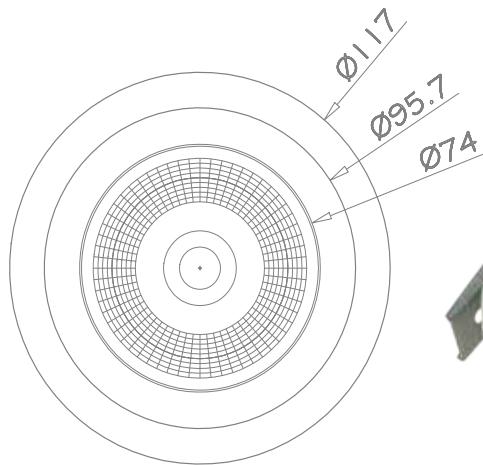


1000 lm  
2000 lm



**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!



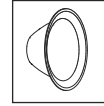
Furo no forro: Ø100mm

# Over All K16

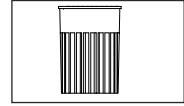


Embutido

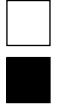
ø85x85mm



20°|40°



1000 lm



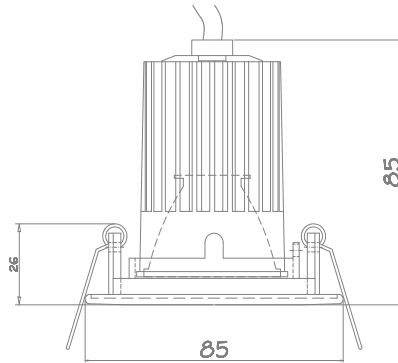
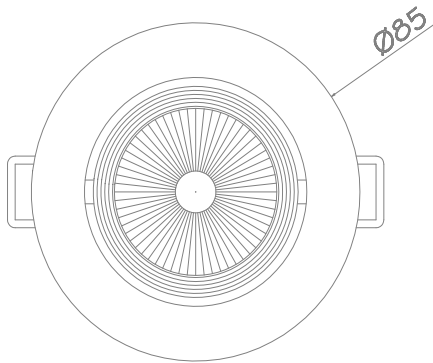
**3000K**

**4000K**



Compatível  
mr-16 LED

Foco Orbital



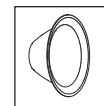
Furo no forro: ø73 mm

# Over All MR11

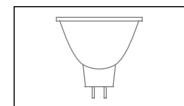


Embutido

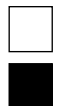
ø67x47mm



15°|30°

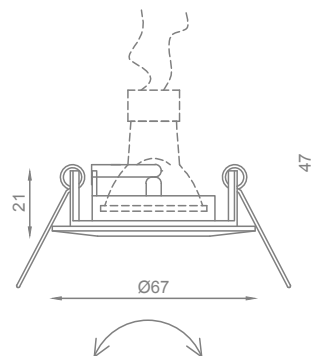
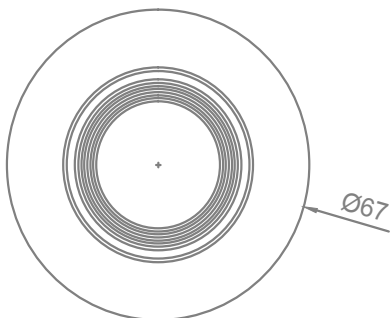


1x MR11  
LED 35W



**3000K**

Foco Orbital

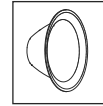


Furo no forro: ø55 mm

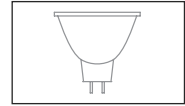
# Micro Highlights

 **Embutido**

110x110mm



20°|40°

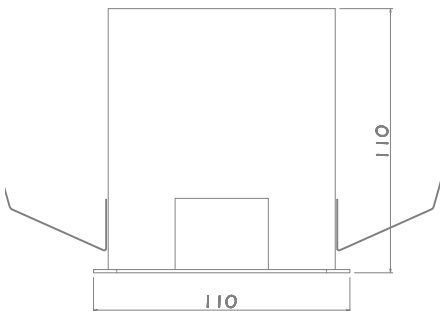
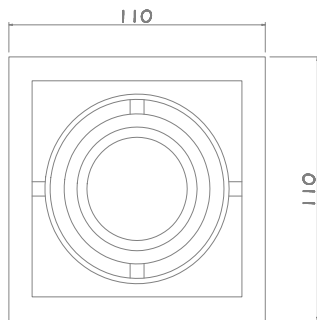


1x1000lm

**3000K**

**4000K**

Foco Orbital

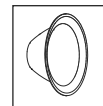


 Furo no forro: 102x102mm

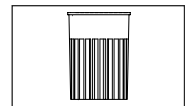
# Micro Highlights K16

 **Embutido**

143x143mm



20°|40°

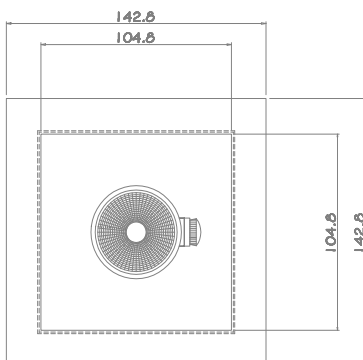
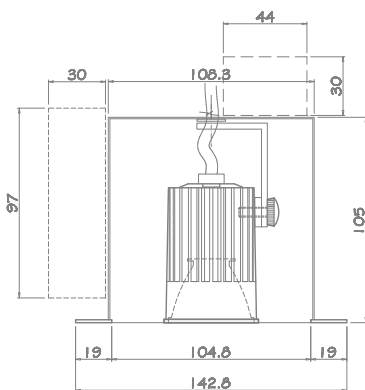


1x1000 lm

**3000K**

**4000K**

Foco Orientável



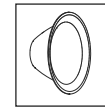
 Furo no forro: 130x130mm

# Micro Highlights K16



**Embutido**

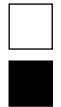
250x143mm



20°|40°



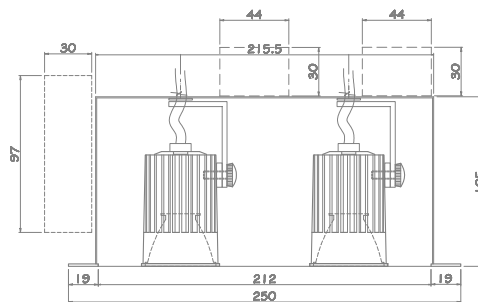
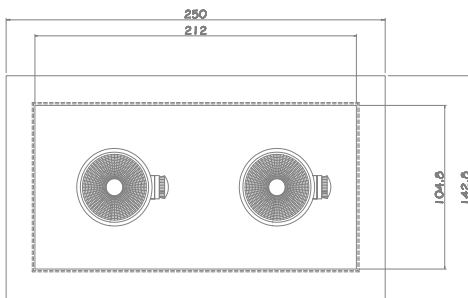
2x1000 lm



**3000K**

**4000K**

Foco Orientável



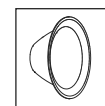
Furo no forro: 235x130mm

# Micro Highlights K16

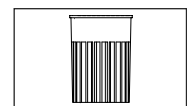


**Embutido**

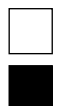
357x143mm



20°|40°



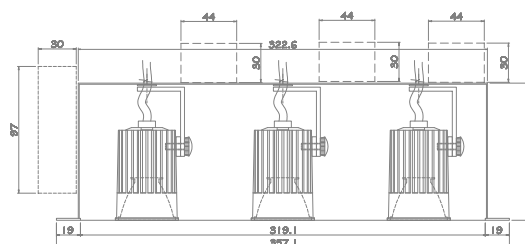
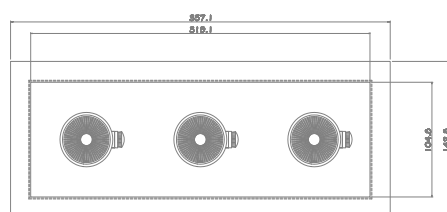
3x1000 lm



**3000K**

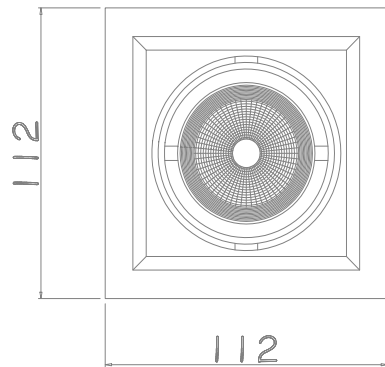
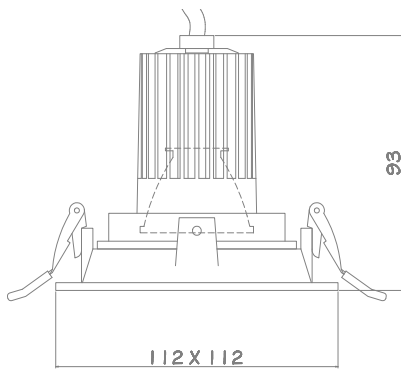
**4000K**

Foco Orientável



Furo no forro: 340x130mm

# Twistar Flat 112

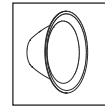


Furo no forro: 102x102mm



Embutido

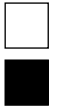
112x112mm



20°|40°



1x1000 lm



**3000K**

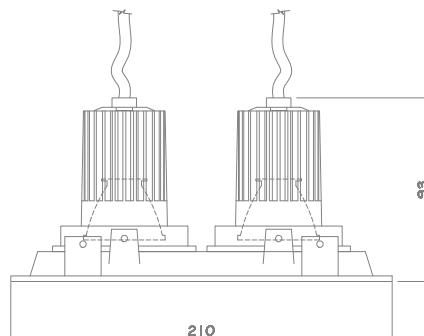
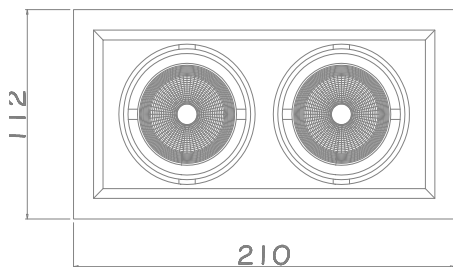
**4000K**



Compatível  
mr-16 LED

Foco Orbital

# Twistar Flat 112

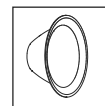


Furo no forro: 195x102mm

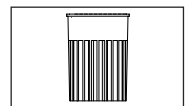


Embutido

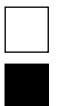
210x112mm



20°|40°



2x1000 lm



**3000K**

**4000K**



Compatível  
mr-16 LED

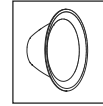
Foco Orbital

# Twistar Flat 112



 **Embutido**

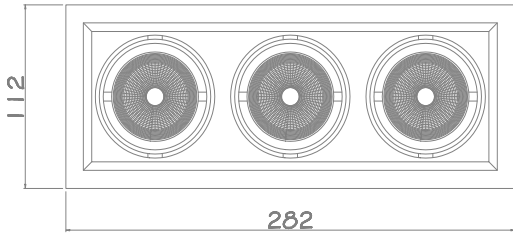
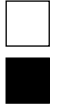
282x112mm



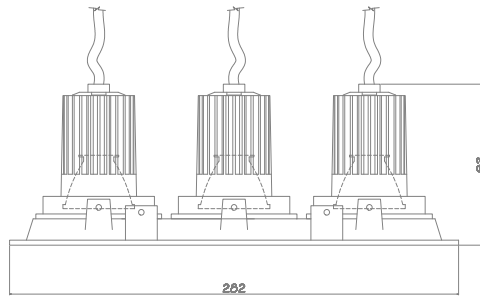
20°|40°



3x1000 lm



282



282



Furo no forro: 265x102mm

**3000K**

**4000K**



Compatível  
mr-16 LED

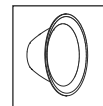
Foco Orbital

# Twistar Flat 130

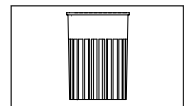


 **Embutido**

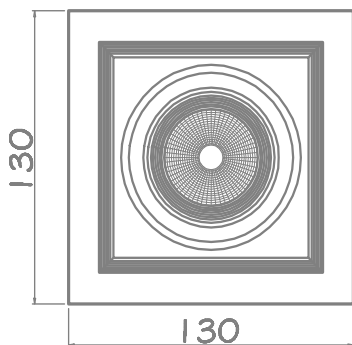
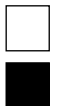
130x130mm



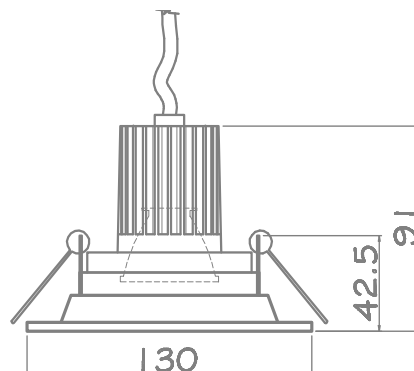
20°|40°



1x1000 lm



130



130

42.5  
91



Furo no forro: 107x107mm

**3000K**

**4000K**



Compatível  
mr-16 LED

Foco Orbital

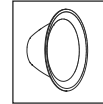


# Twistar Flat 130



Embutido

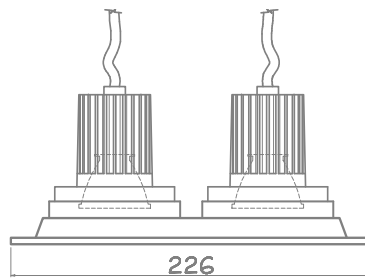
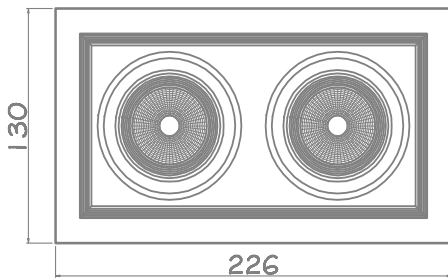
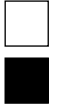
226x130mm



20°|40°



2x1000 lm



Furo no forro: 207x107mm

**3000K**

**4000K**



Compatível  
mr-16 LED

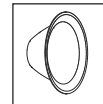
Foco Orbital

# Twistar Flat 130

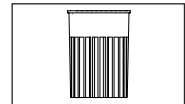


Embutido

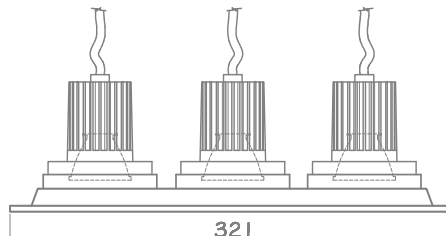
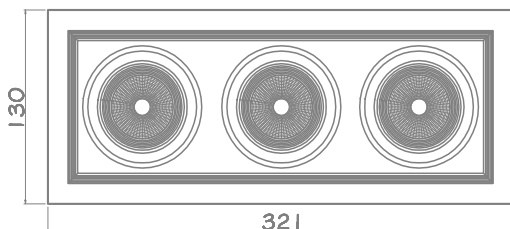
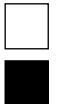
321x130mm



20°|40°



3x1000 lm



Furo no forro: 308x107mm

**3000K**

**4000K**



Compatível  
mr-16 LED

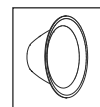
Foco Orbital

# Ovni

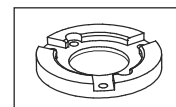


Embutido

ø325mm



12°|24°  
36°|45°



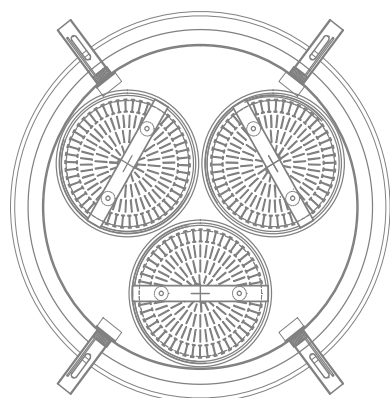
3x1000 lm  
3x2000 lm  
3x3000 lm



**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**

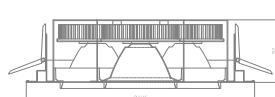


Compativel  
KIT II

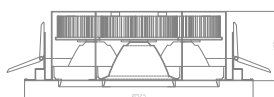


Furo no forro: ø285 mm

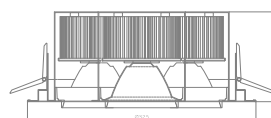
LED COB



1000 lm



2000 lm



3000 lm

KIT II



1000 lm



2000 lm



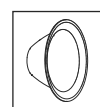
3000 lm

# Ovni Mini

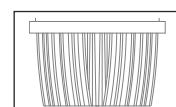


Embutido

ø270mm



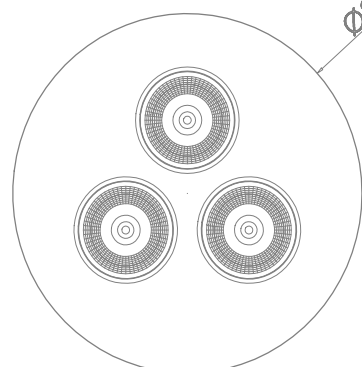
15°|24°  
36°



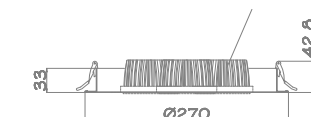
3x1000 lm  
3x2000 lm



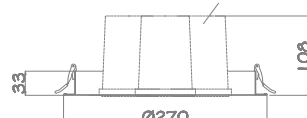
**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**



Furo no forro: ø250 mm



1000 lm

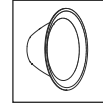


2000 lm

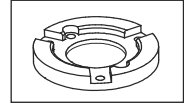
# Orbit

**Embutido**

172x172mm



12°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm

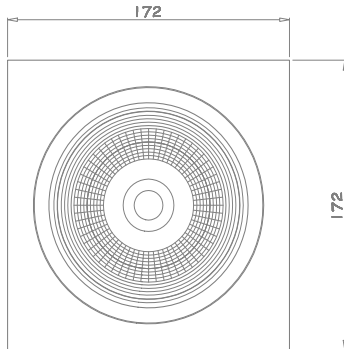


Compatível  
KIT 11



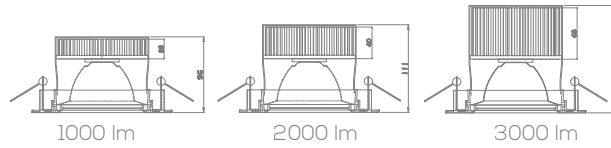
Compatível  
PAR30 LED

Foco Orbital

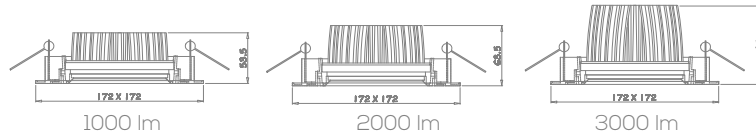


Furo no forro:  $\phi 160$  mm

LED COB



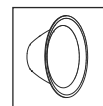
KIT 11



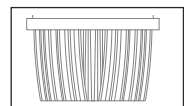
# Orbit

**Embutido**

$\phi 177,5$ mm



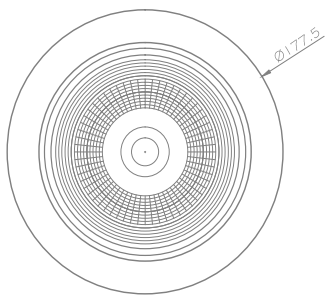
15°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm

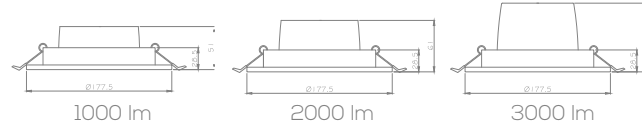


Foco Orbital



Furo no forro:  $\phi 145$ mm

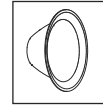
KIT 11



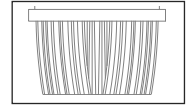
# Orbit Mini

 **Embutido**

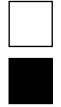
ø146mm



15°|24°  
36°



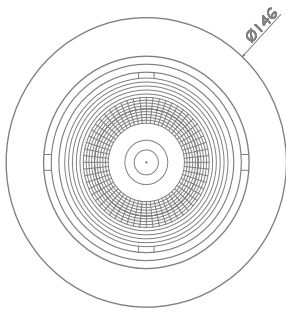
1000 lm  
2000 lm



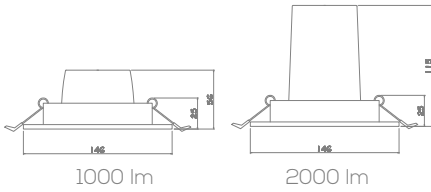
**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**



Foco Orbital



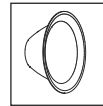
 Furo no forro: ø115mm



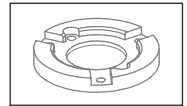
# Twistar Flat 153

 **Embutido**

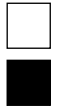
153x153mm



18°|24°  
36°



1x1000 lm  
1x2000 lm  
1x3000 lm

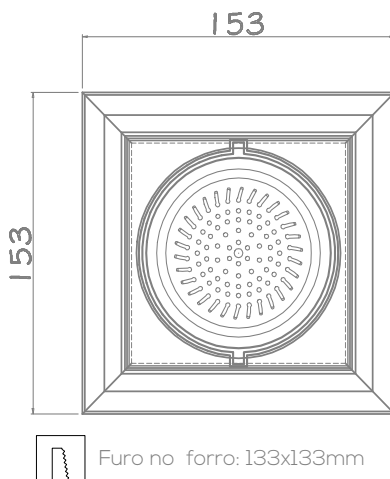


**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**

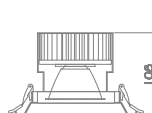


**Compatível**  
**KIT 80**

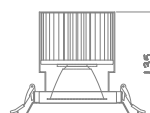
Foco Orbital



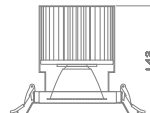
LED COB



1000 lm

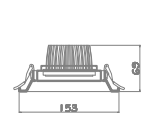


2000 lm

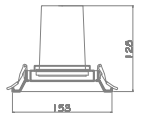


3000 lm

KIT 80

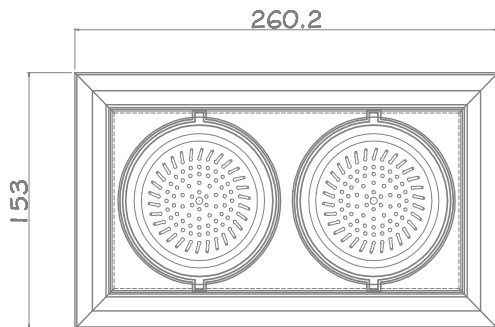


1000 lm



2000 lm

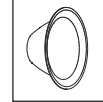
# Twistar Flat 153



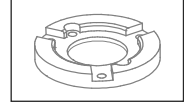
Furo no forro: 240x133mm

 **Embutido**

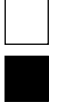
260x153mm



18°|24°  
36°



2x1000 lm  
2x2000 lm  
2x3000 lm

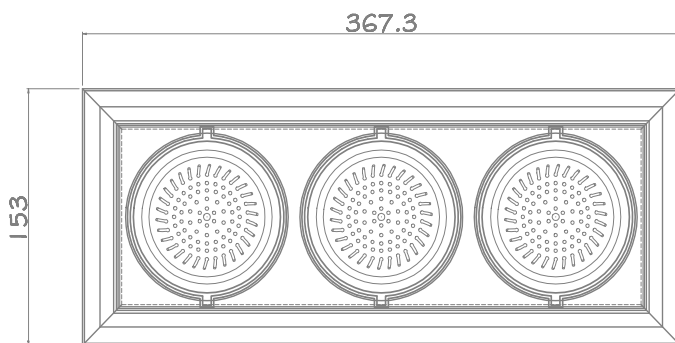


**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**



Foco Orbital

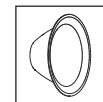
# Twistar Flat 153



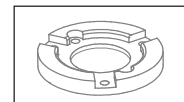
Furo no forro: 350x133mm

 **Embutido**

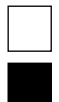
367x153mm



18°|24°  
36°



3x1000 lm  
3x2000 lm  
3x3000 lm

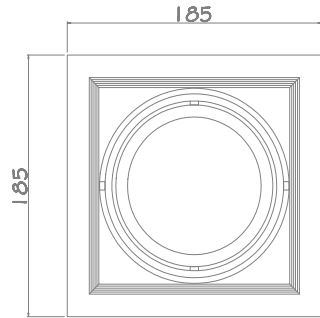


**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**



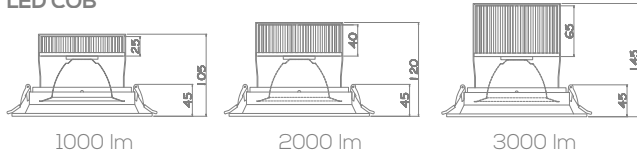
Foco Orbital

# Twistar Flat 185i



Furo no forro: 165x165mm

## LED COB

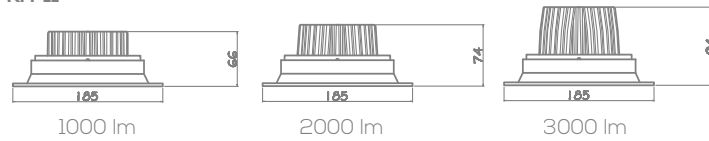


1000 lm

2000 lm

3000 lm

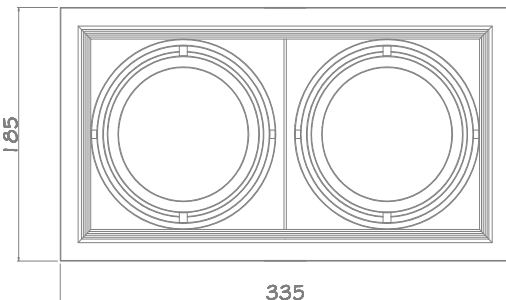
## KIT 11



1000 lm

2000 lm

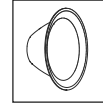
3000 lm



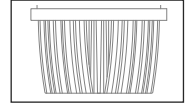
Furo no forro: 315x165 mm

Embutido

185x185mm



15°|24°  
36°|45°



1x1000 lm  
1x2000 lm  
1x3000 lm

**3000K** **IRC**  
**4000K** **80 90 95**  
conheça!

Compatível  
AR111

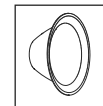
Compatível  
PAR30 LED

Foco Orbital

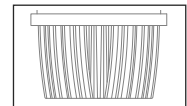
# Twistar Flat 185i

Embutido

335x185mm



15°|24°  
36°|45°



2x1000 lm  
2x2000 lm  
2x3000 lm

**3000K** **IRC**  
**4000K** **80 90 95**  
conheça!

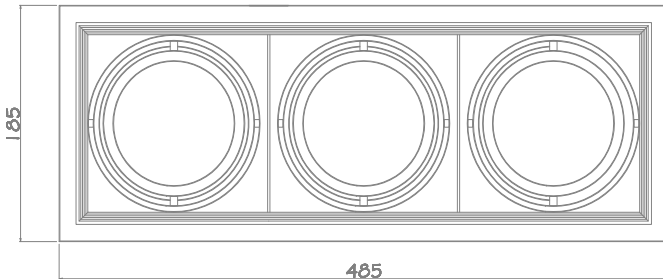
Compatível  
AR111

Compatível  
PAR30 LED

Foco Orbital



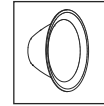
# Twistar Flat 185i



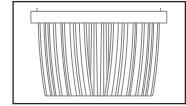
 Furo no forro: 465x165mm

 Embutido

485x185mm



15°|24°  
36°|45°



3x1000 lm  
3x2000 lm  
3x3000 lm

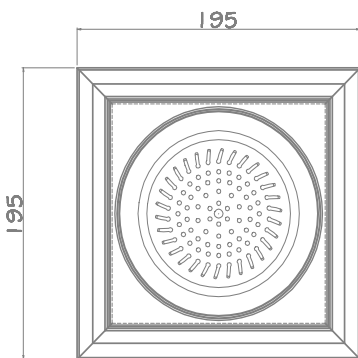
**3000K** **IRC**  
**4000K** **80 90 95**  
conheça!

 Compatível  
AR111

 Compatível  
PAR30 LED

Foco Orbital

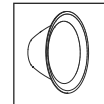
# Twistar Flat 195



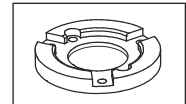
 Furo no forro: 175x175mm

 Embutido

195x195mm



12°|24°  
36°|45°



1x1000 lm  
1x2000 lm  
1x3000 lm

**3000K** **IRC**  
**4000K** **80 90 95**  
conheça!

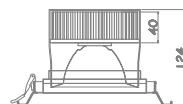
 Compatível  
KIT II

Foco Orbital

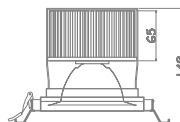
LED COB



1000 lm



2000 lm

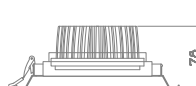


3000 lm

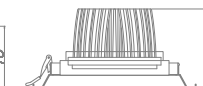
KIT II



1000 lm



2000 lm



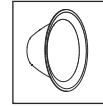
3000 lm



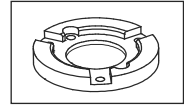
# Twistar Flat 195

 **Embutido**

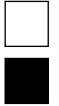
351x195mm



12°|24°  
36°|45°



2x1000 lm  
2x2000 lm  
2x3000 lm

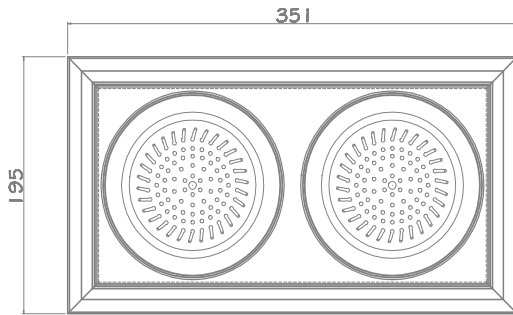


**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**

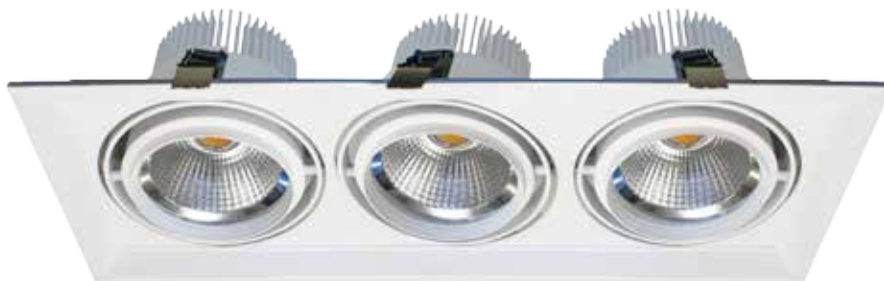


**Compatível  
KIT II**

**Foco Orbital**



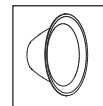
 Furo no forro: 333x175 mm



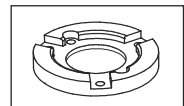
# Twistar Flat 195

 **Embutido**

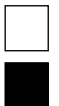
507x195mm



12°|24°  
36°|45°



3x1000 lm  
3x2000 lm  
3x3000 lm

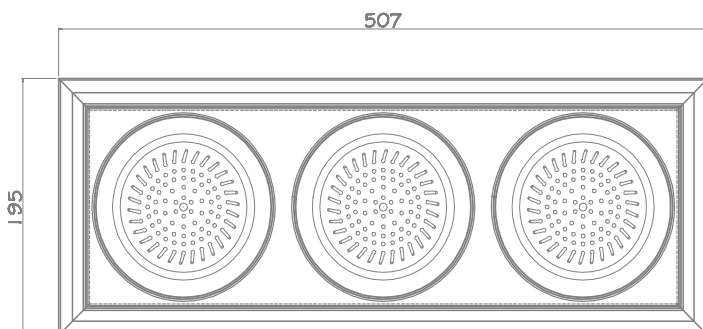


**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!**



**Compatível  
KIT II**

**Foco Orbital**



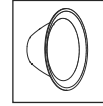
 Furo no forro: 488x175 mm

# Twistar No Frame LED

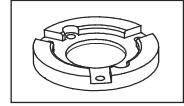


Embutido

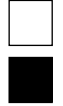
180x210x160mm



12°|24°  
36°|45°



1x1000 lm  
1x2000 lm  
1x3000 lm



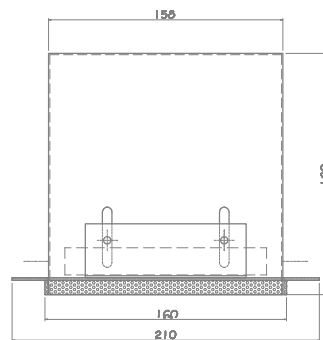
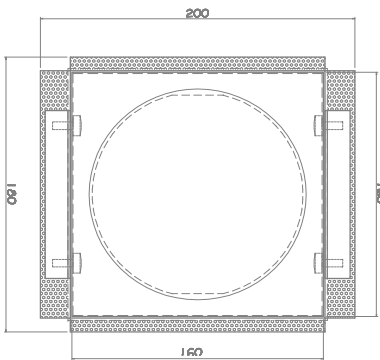
**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!



Compativel  
KIT II

Foco Orbital



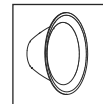
Furo no forro: 165x165mm

# Twistar No Frame LED

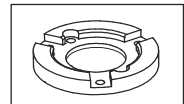


Embutido

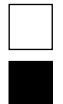
359x210x160mm



12°|24°  
36°|45°



2x1000 lm  
2x2000 lm  
2x3000 lm



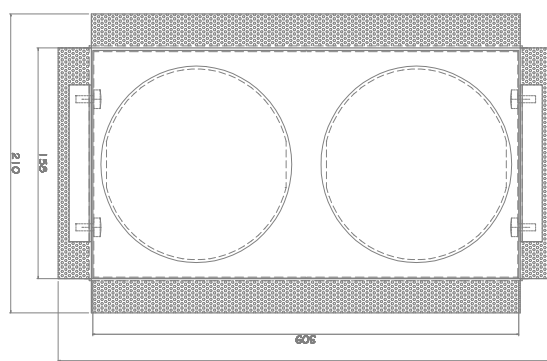
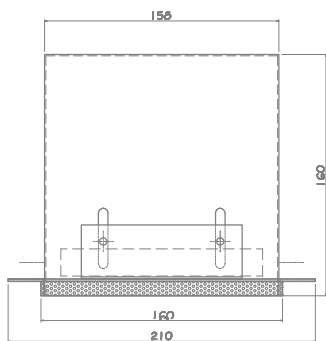
**3000K**  
**4000K**

**IRC**  
**80 90 95**  
conheça!



Compativel  
KIT II

Foco Orbital



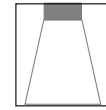
Furo no forro: 315 x165 mm



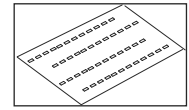
## Top LED

**Embutido**

220x220x130mm

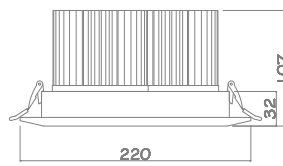
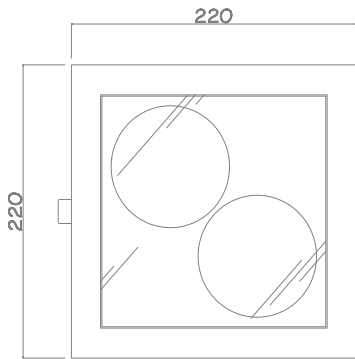


120°



6000lm

**3000K**



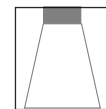
Furo no forro: 205 x 205mm



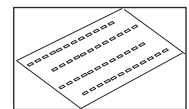
## Top Eco LED

**Embutido**

218x218x17mm

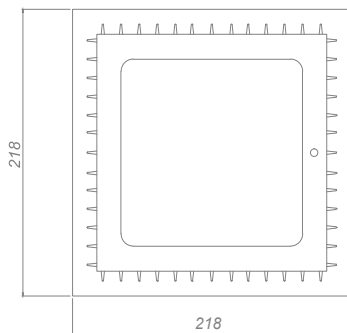


120°



1440lm

**3000K**

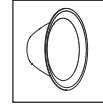


Furo no forro: 205x205mm

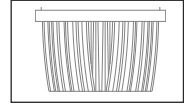
# Moon LED

 **Embutido**

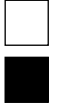
ø200x295mm



15°|24°  
36°|45°



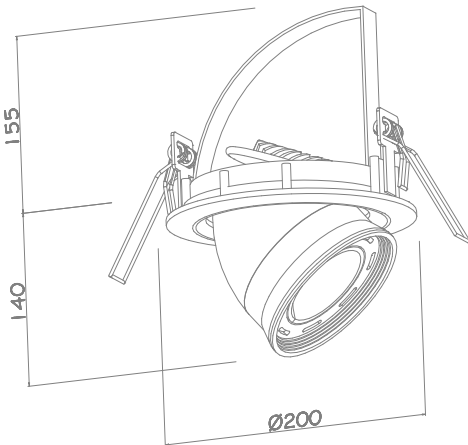
1000 lm  
2000 lm  
3000 lm



**3000K**

**4000K**

Foco Orbital

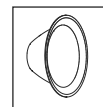


 Furo no forro: ø185 mm

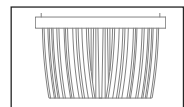
# Moon II LED

 **Embutido**

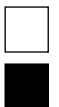
226x143x102mm



15°|24°  
36°

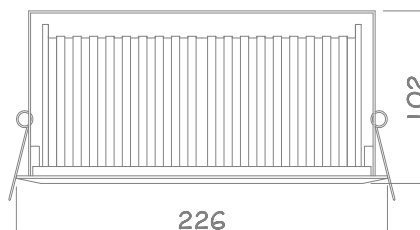
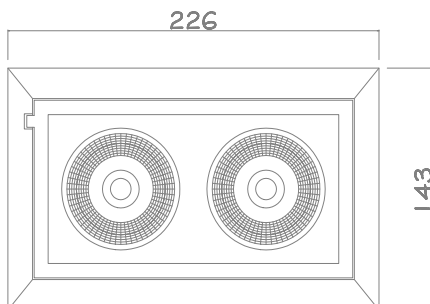


2x2000 lm



**3000K**

**4000K**



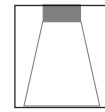
 Furo no forro: 217 x125 mm



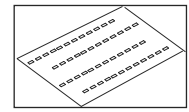
# Top LED

**Embutido**

190x190x38mm

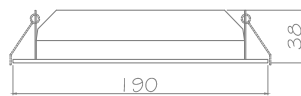
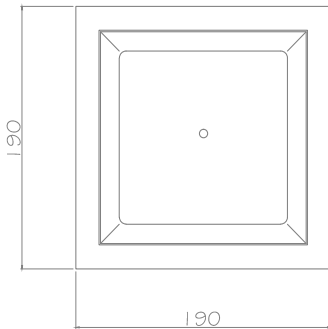


120°



1950lm

**3000K**

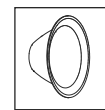


Furo no forro: 160x160mm

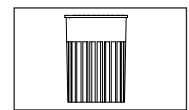
# EB K16

**Embutido**

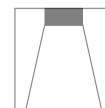
1400x140x80mm



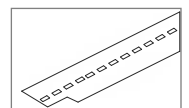
15°|24°  
36°



3x1000 lm



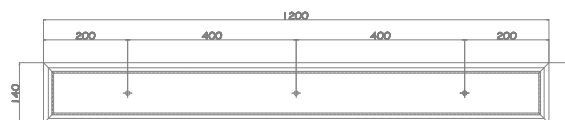
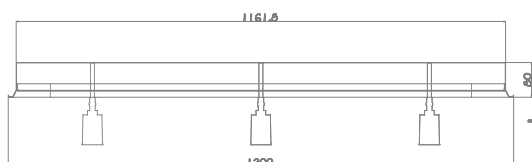
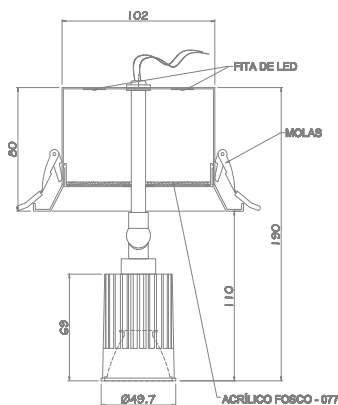
120°



2x 1100 lm  
2x 2200 lm

**3000K**

**4000K**



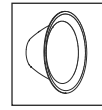
Furo no forro: 1180x119mm



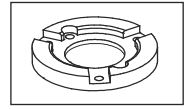
# Top Pro LED

 **Embutido**

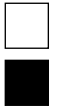
ø225x117,5mm



60°

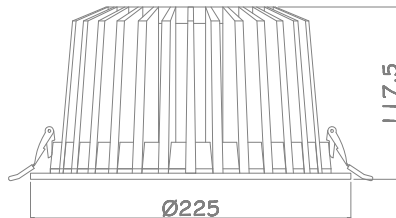
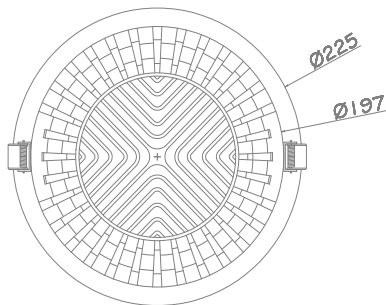


2000 lm  
3000 lm  
4000 lm



**3000K**

**4000K**

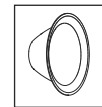


 Furo no forro: ø205 mm

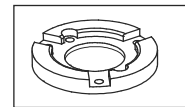
# Top Pro LED

 **Embutido**

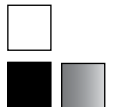
ø230x85mm



100°

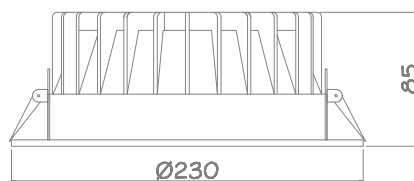
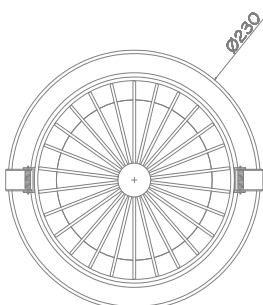


3000 lm



**3000K**

**4000K**



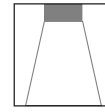
 Furo no forro: ø205 mm

# Top Eco LED

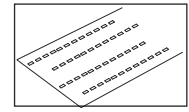


Embutido

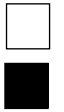
ø134x84,5mm



120°

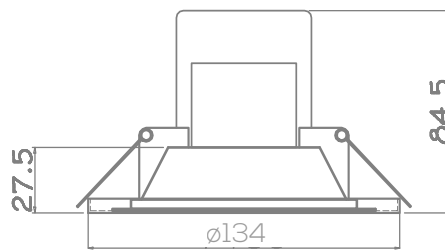
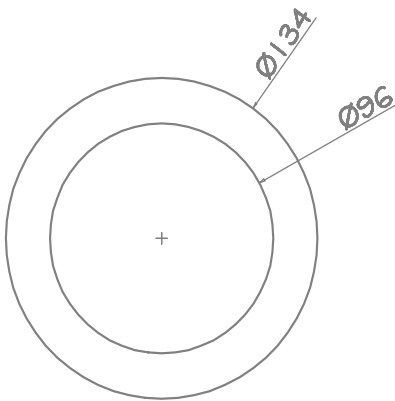


900 lm



**3000K**

**4000K**



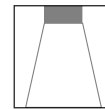
Furo no forro: ø115 mm

# Top Eco LED

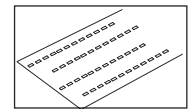


Embutido

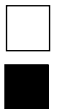
ø165x116mm



120°

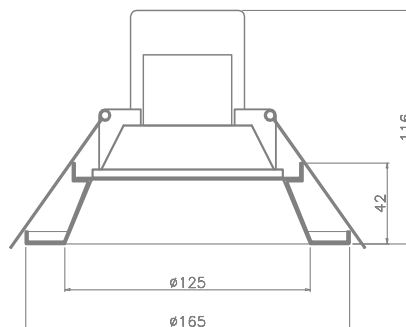
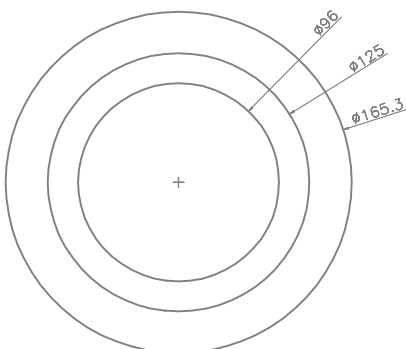


900 lm



**3000K**

**4000K**

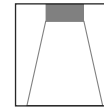


Furo no forro: ø135 mm

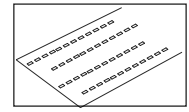
# Top Eco LED

 Embutido

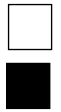
ø237x90mm



120°

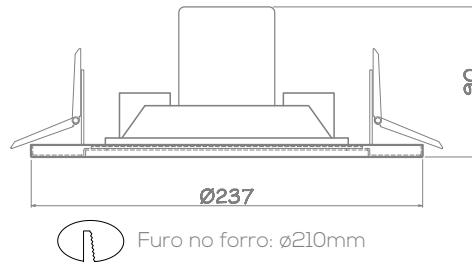
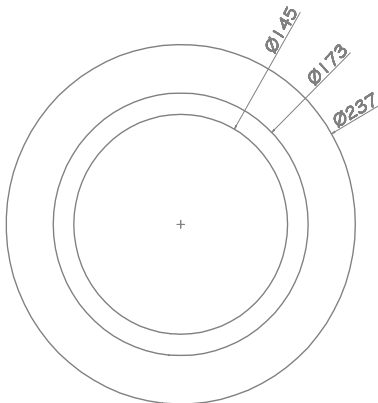


2000 lm



**3000K**

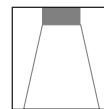
**4000K**



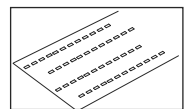
# Top Eco LED

 Embutido

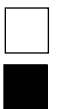
ø237x118mm



120°

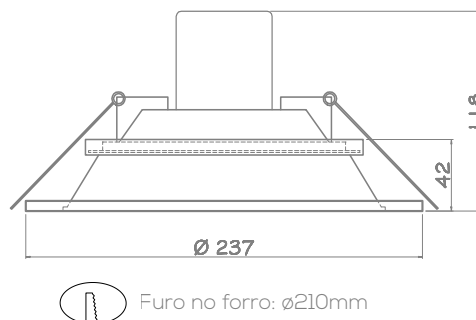
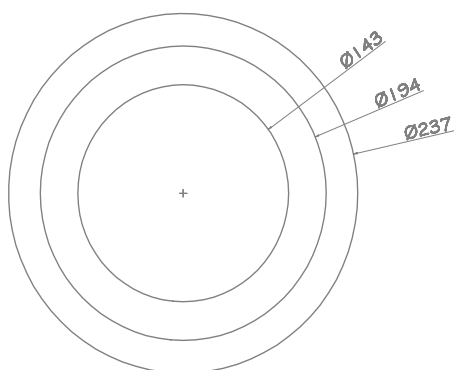


2000 lm



**3000K**

**4000K**

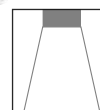


# Twistar LED Line

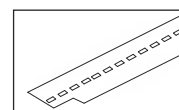


**Embutido**

620x205x40mm



120°

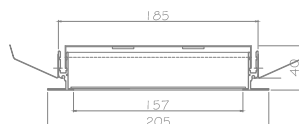
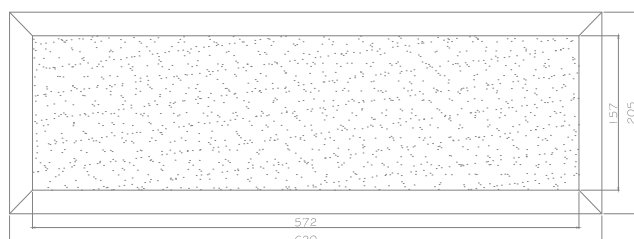


2x1100lm  
2x1550lm  
2x2200lm

**3000K**

**4000K**

Modulação  
a cada 600mm



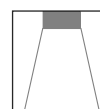
Furo no forro: 605x190mm

# Twistar LED Line

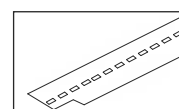


**Embutido**

620x100x40mm



120°

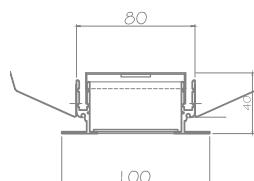
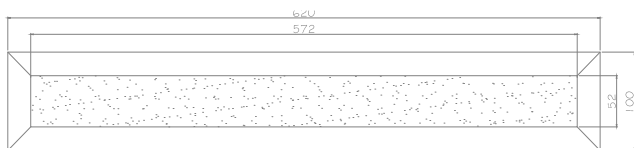


1x1100lm  
1x1550lm  
1x2200lm

**3000K**

**4000K**

Modulação  
a cada 600mm



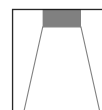
Furo no forro: 605x90mm

# Twistar LED Line

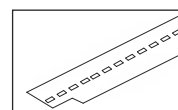


**Embutido**

1200X100x40mm



120°



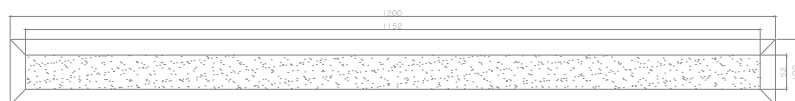
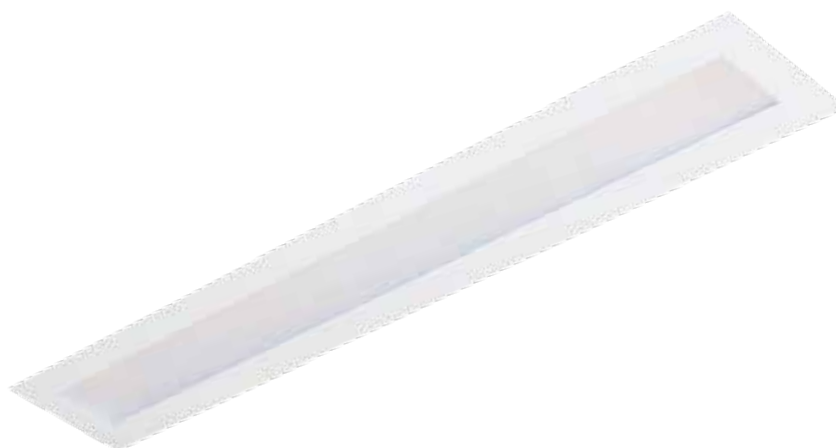
2x1100lm  
2x1550lm  
2x2200lm



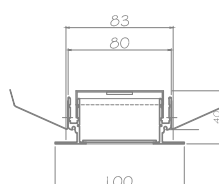
**3000K**

**4000K**

Modulação  
a cada 600mm



Furo no forro: 1185x85mm

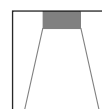


# Twistar LED Line

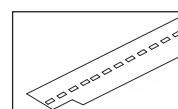


**Embutido**

1200X205x40mm



120°



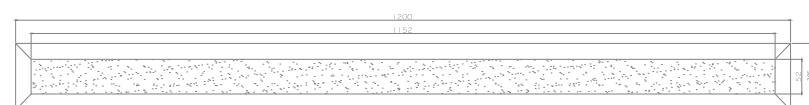
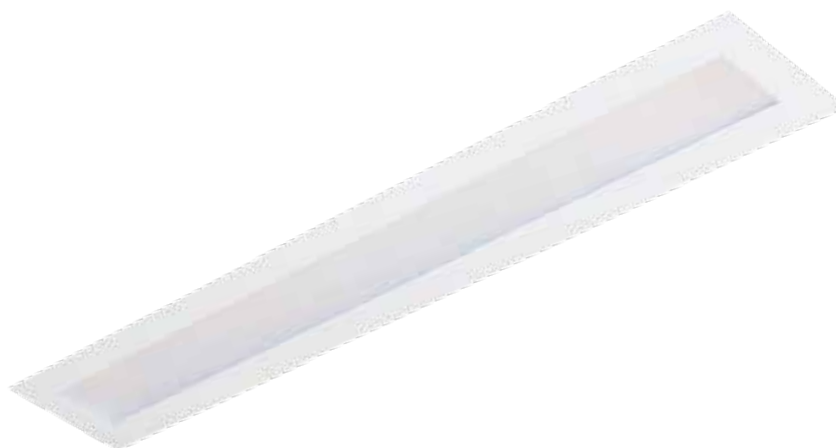
2x1100lm  
2x1550lm  
2x2200lm



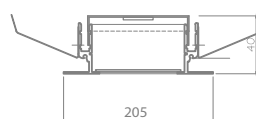
**3000K**

**4000K**

Modulação  
a cada 600mm



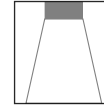
Furo no forro: 1185x190mm



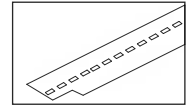
# Dong Plus

 **Embutido**

617x617x100mm




120°

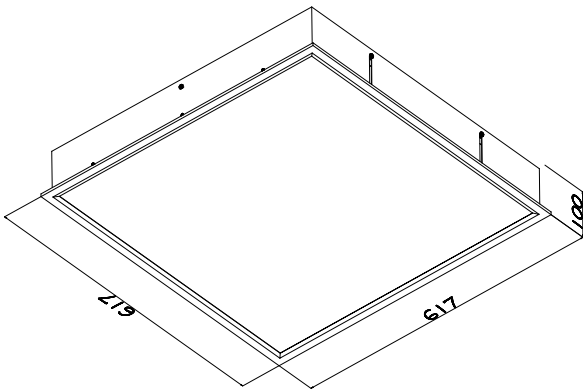


4x1100lm  
4x1550lm  
4x2200lm

**3000K**

**4000K**

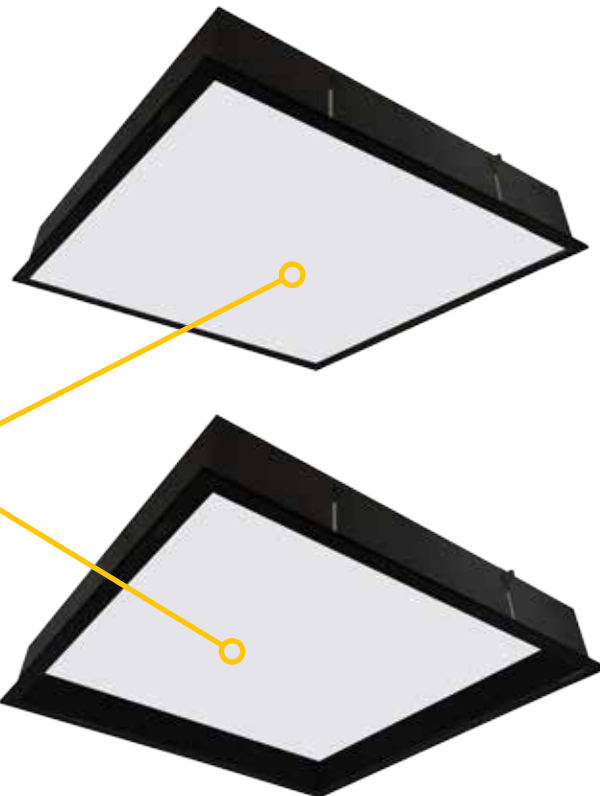
  
Compatível  
T5/T8



 Furo no forro: 595x595mm

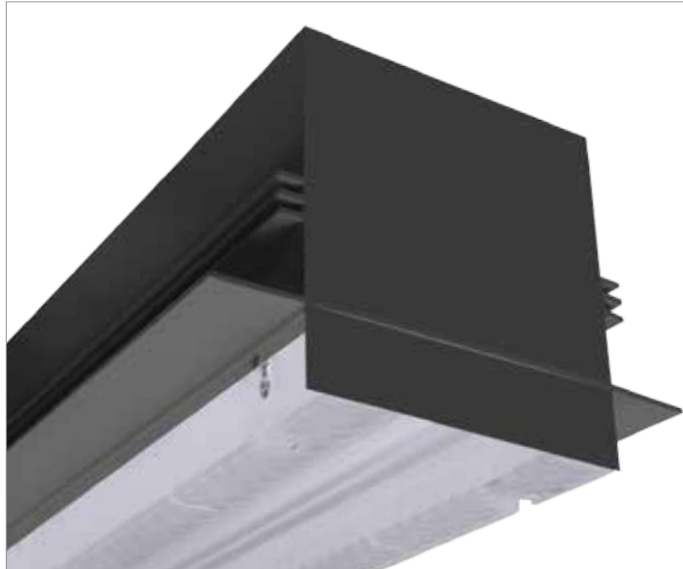
## Comfort Light

Exclusivo sistema de regulagem de altura de luz de até 7cm, evitando pontos de luz marcados proporcionando maior conforto visual ao ambiente!



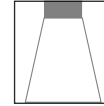


# Linear Fit



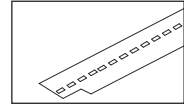
**Embutido**

560x101x71,5mm  
 1120x101x71,5mm  
 1680x101x71,5mm  
 2240x101x71,5mm

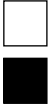


30°|160°  
 90°|120°

Assimétrico  
 Duplo-  
 assimétrico

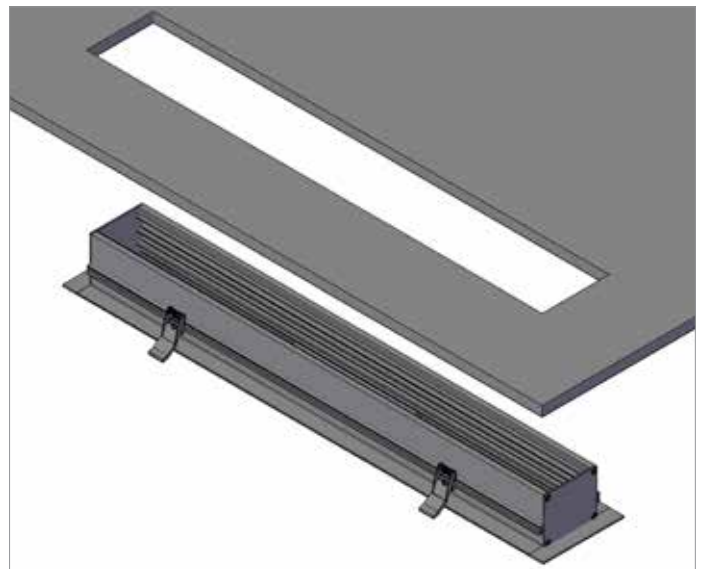
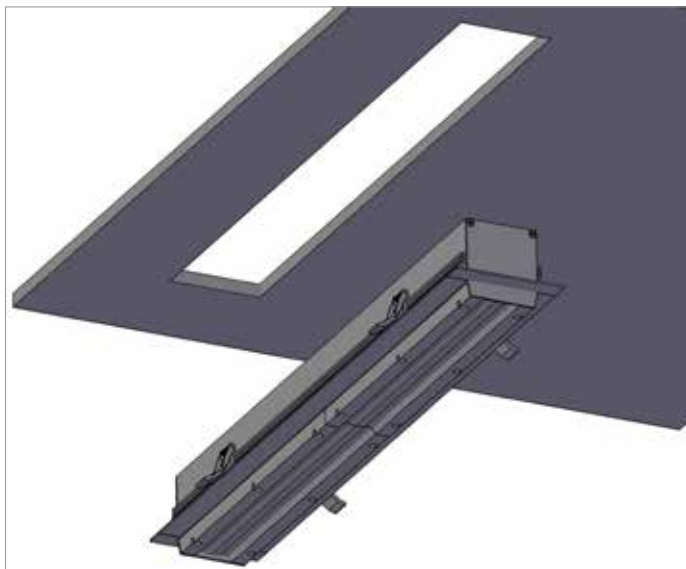
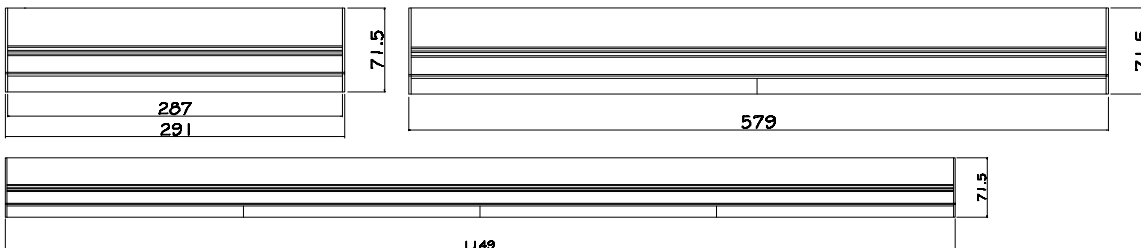
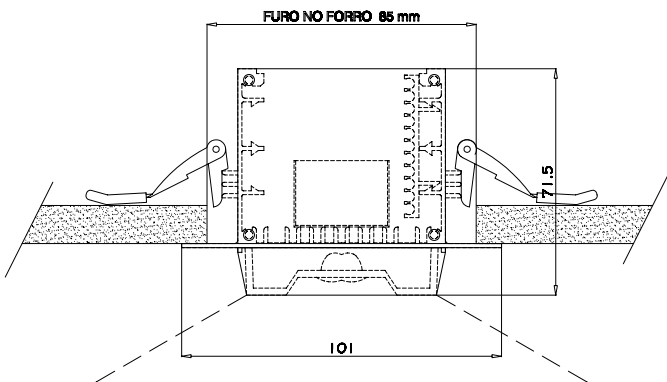


1100 lm  
 1550 lm  
 2200 lm



**3000K**

**4000K**





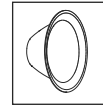
# Sobrepopor & Pendenttes

# PF Star

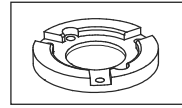


Sobrepur

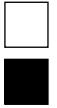
ø117mm



12°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm

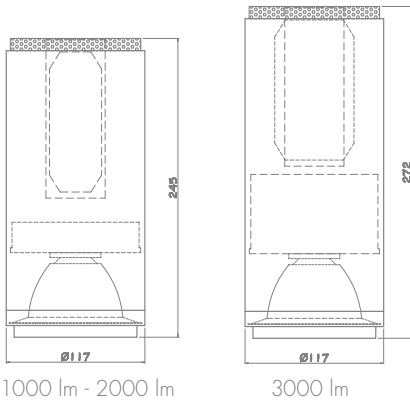
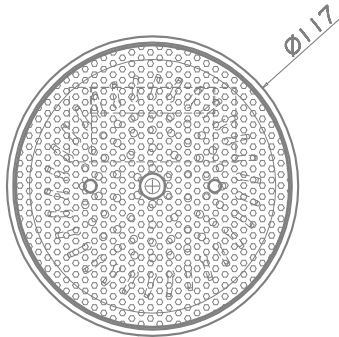


**3000K**  
**4000K**

**IRC**  
**80 90 95**  
**conheça!**

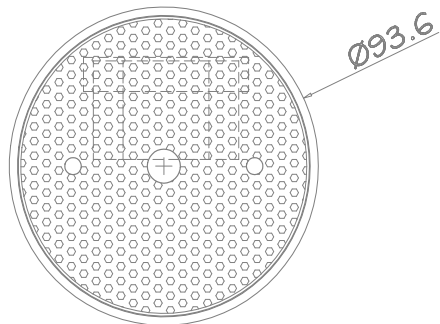


Compatível  
KIT 11



1000 lm - 2000 lm

3000 lm

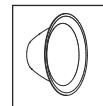


# PF Star Mini

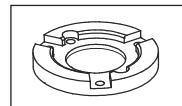


Sobrepur

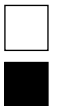
ø94mm



15°|24°  
36°|45°



1000 lm  
2000 lm  
3000 lm

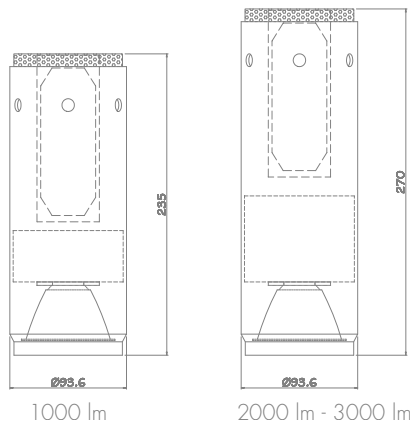


**3000K**  
**4000K**

**IRC**  
**80 90 95**  
**conheça!**



Compatível  
KIT 80



1000 lm

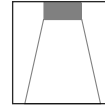
2000 lm - 3000 lm

# Luminária Hermética

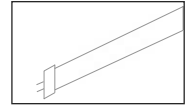


Sobrepor

1265x85x90mm



150°



1xT5/T8

**3000K**

**4000K**

**IP65**

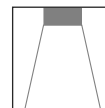


# Luminária Hermética

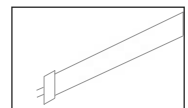


Sobrepor

1265x130x90mm



150°

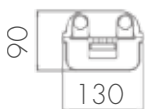


2xT5/T8

**3000K**

**4000K**

**IP65**

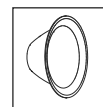


# Ovni

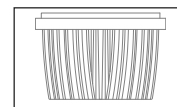


Pendente

ø310x80mm



15°|24°  
36°|45°

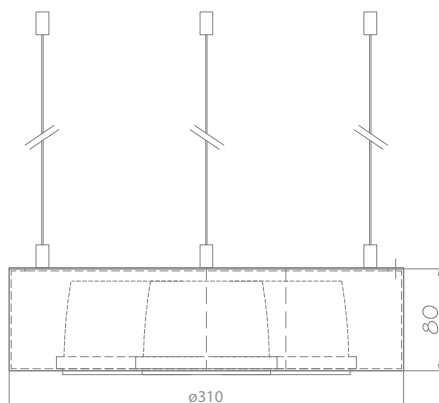
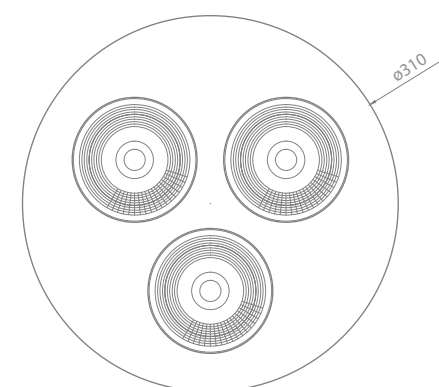


3x1000 lm  
3x2000 lm  
3x3000 lm



cabo aço:  
2000 mm

opção disponível:  
haste 1555mm

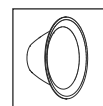


# Ovni

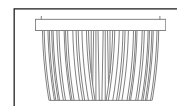


Pendente

ø310x80mm



15°|24°  
36°|45°

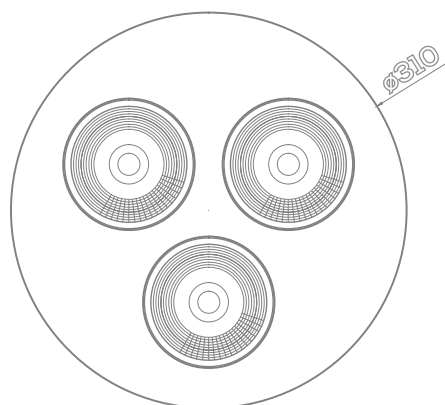


3x1000 lm  
3x2000 lm  
3x3000 lm

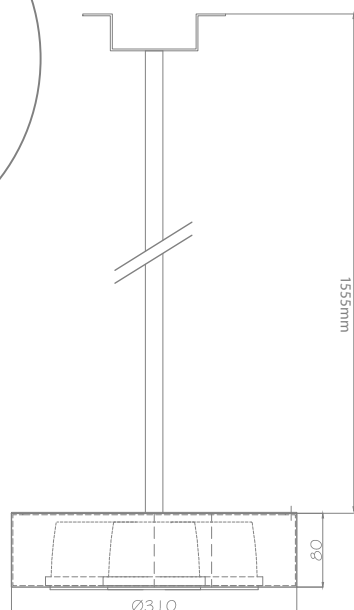


cabo aço:  
2000 mm

opção disponível:  
haste 1555mm



ø310



1555mm

80

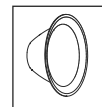
ø310



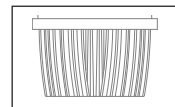
# Ovni II

 **Pendente**

ø310x2030mm



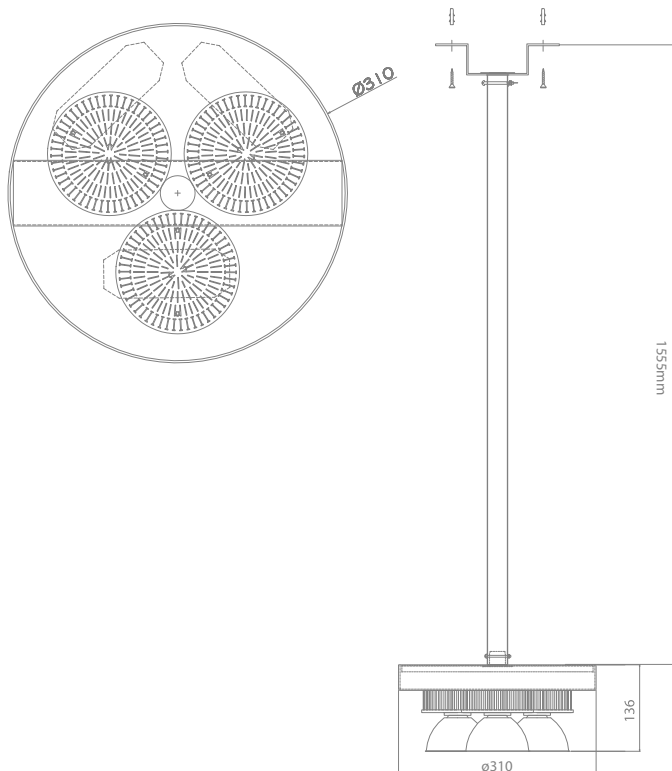
15°|24°  
36°|45°



3x1000 lm  
3x2000 lm  
3x3000 lm



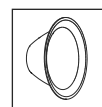
**3000K** **IRC**  
**4000K** **80 90 95**  
**conheça!** 



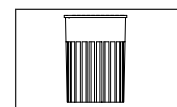
# Cobre LED 51

 **Pendente c/  
cabo de aço**

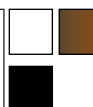
ø51x3000mm



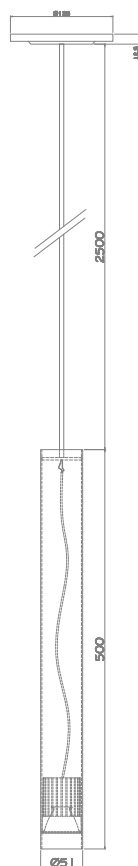
20°|140°



1000 lm



**3000K**  
**4000K**



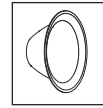


# 185 Box

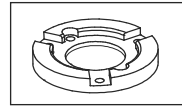


Pendente

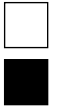
185x185x1705mm



12°|24°  
36°|45°



1x1000 lm  
1x2000 lm  
1x3000 lm



**3000K**

**4000K**

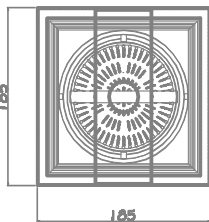
**IRC**

**80 90 95**

conheça!



Compatível  
KIT II

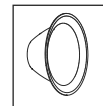


# 185 Box

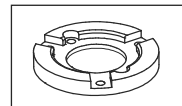


Pendente

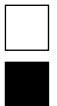
335x185x1705mm



12°|24°  
36°|45°



2x1000 lm  
2x2000 lm  
2x3000 lm



**3000K**

**4000K**

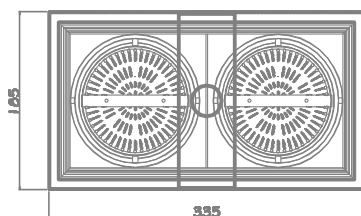
**IRC**

**80 90 95**

conheça!



Compatível  
KIT II

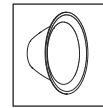


# 185 Box

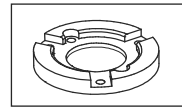


Pendente

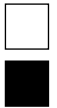
485x185x1705mm



12° | 24°  
36° | 45°



3x1000 lm  
3x2000 lm  
3x3000 lm



**3000K**

**4000K**

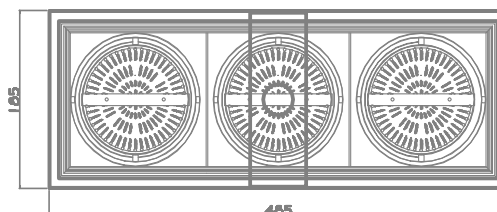
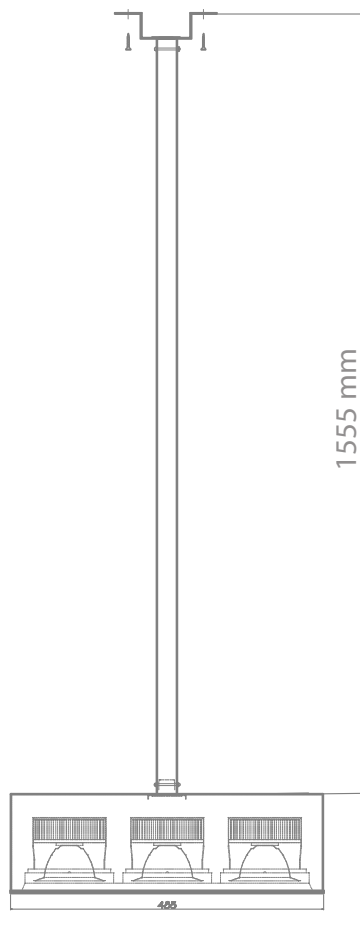
**IRC**

**80 90 95**

conheça!



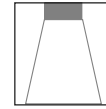
Compatível  
KIT II



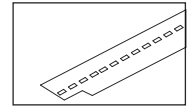
# Matrix

## Pendente

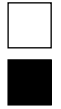
600x110x125mm  
1200x110x125mm  
1800x110x125mm  
2400x110x125mm  
3000x110x125mm



120°



1100 lm  
1550 lm  
2200 lm

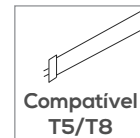


**3000K**

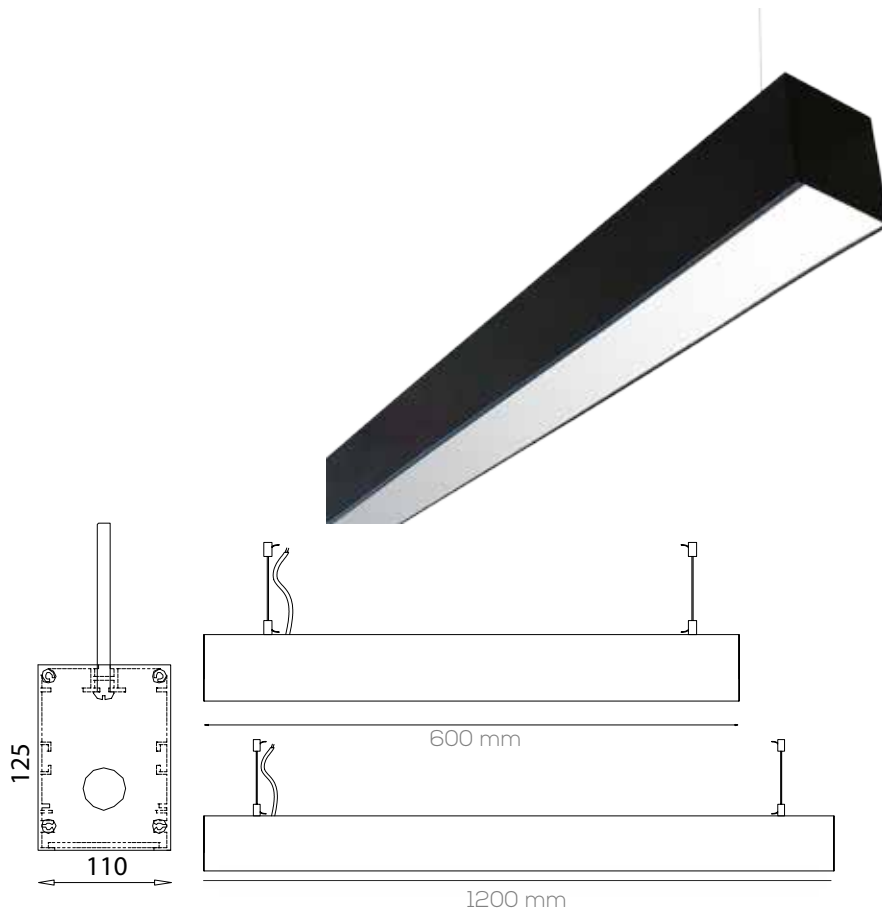
Modulação

**4000K**

a cada 600mm



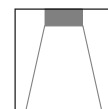
Compatível  
T5/T8



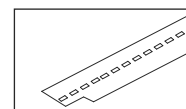
# Matrix

## Sobrepor

600x110x125mm  
1200x110x125mm  
1800x110x125mm  
2400x110x125mm  
3000x110x125mm



120°



1100 lm  
1550 lm  
2200 lm

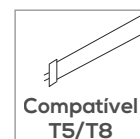


**3000K**

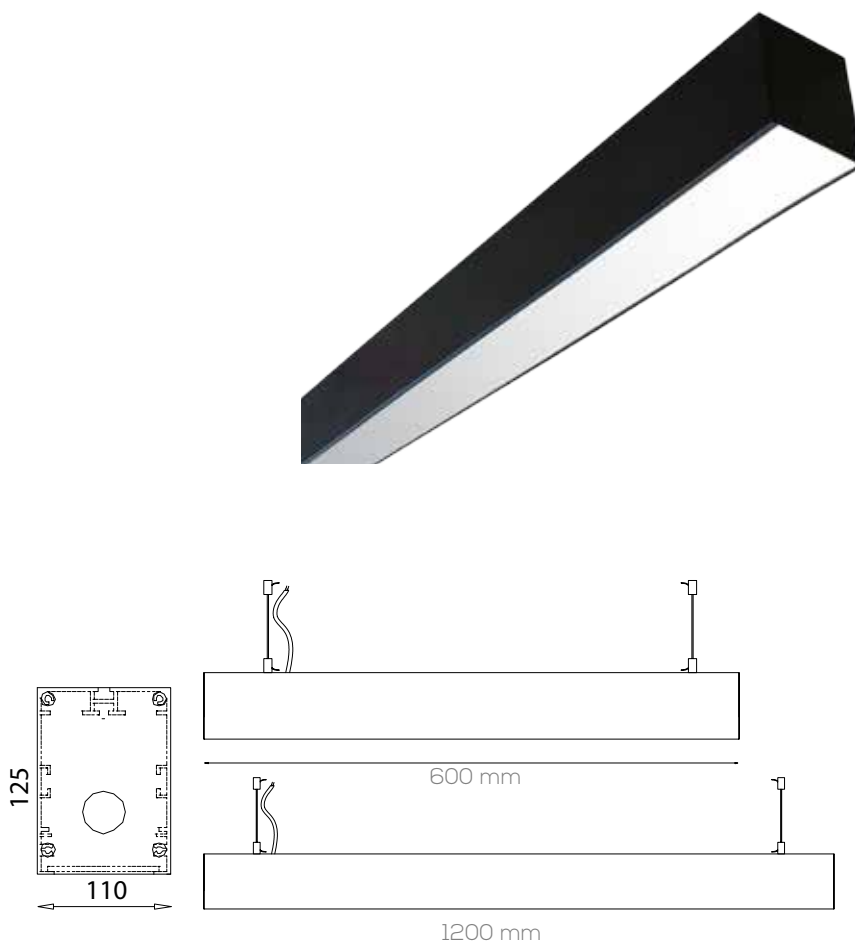
Modulação

**4000K**

a cada 600mm



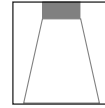
Compatível  
T5/T8



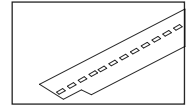
# Matrix Mini

## Pendente

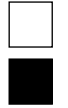
580x50x70mm  
 1150x50x70mm  
 1720x50x70mm  
 2290x50x70mm  
 2860x50x70mm  
 3430x50x70mm  
 4000x50x70mm



120°



1100 lm  
 1550 lm  
 2200 lm

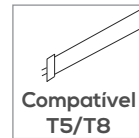


**3000K**

Modulação

**4000K**

a cada 570mm

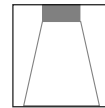


Compatível  
T5/T8

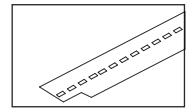
# Matrix Mini

## Sobrepor

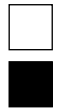
580x50x70mm  
 1150x50x70mm  
 1720x50x70mm  
 2290x50x70mm  
 2860x50x70mm  
 3430x50x70mm  
 4000x50x70mm



120°



3x1100 lm  
 3x1550 lm  
 3x2200 lm

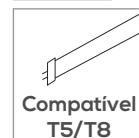


**3000K**

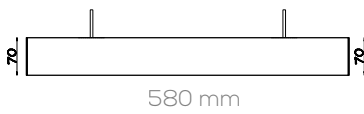
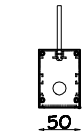
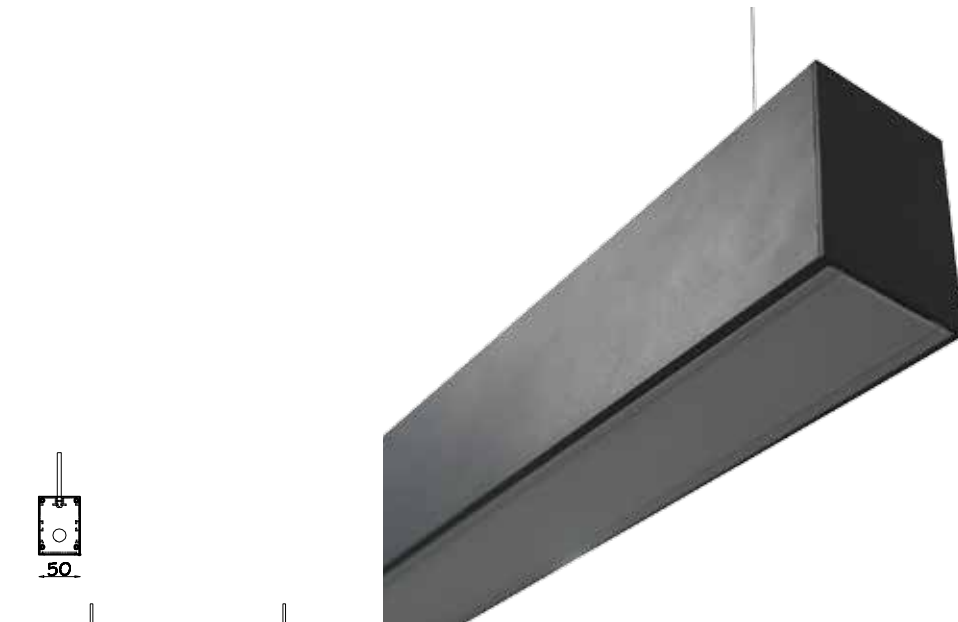
Modulação

**4000K**

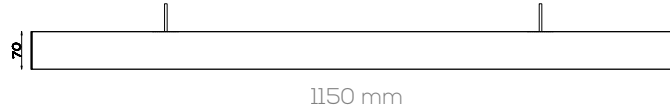
a cada 570mm



Compatível  
T5/T8



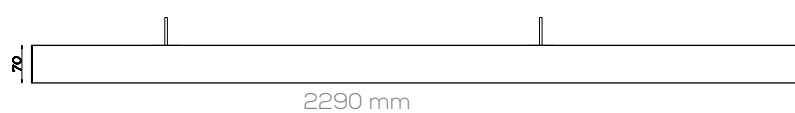
580 mm



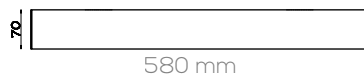
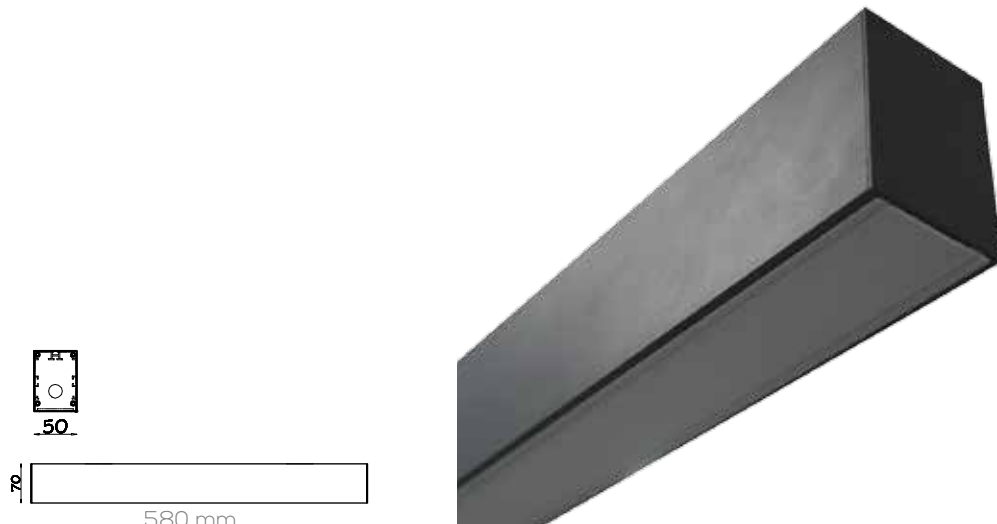
1150 mm



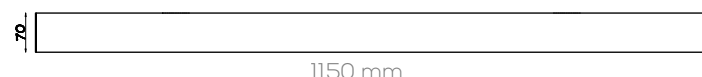
1720 mm



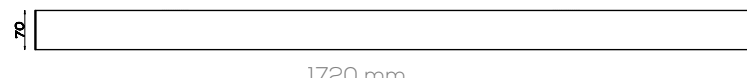
2290 mm



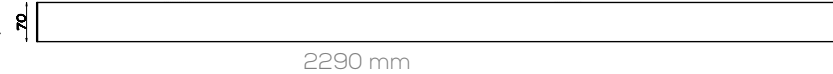
580 mm



1150 mm



1720 mm

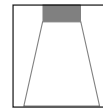


2290 mm

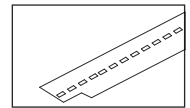
# Matrix Mini Linear

## Pendente

580x50x70mm  
1150x50x70mm  
1720x50x70mm  
2290x50x70mm  
2860x50x70mm  
3430x50x70mm  
4000x50x70mm



120°



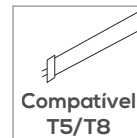
1100 lm  
1550 lm  
2200 lm



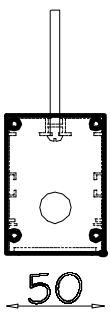
**3000K**

**4000K**

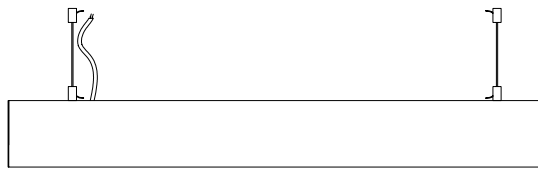
Modulação  
a cada 570mm



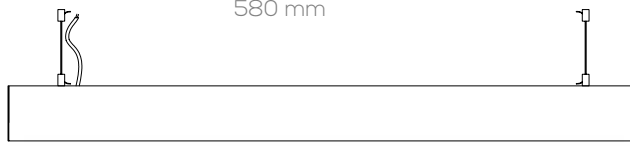
Compatível  
T5/T8



50



580 mm

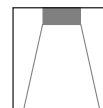


1150 mm

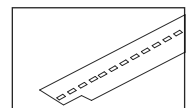
# Matrix Mini Linear

## Sobrepor

580x50x70mm  
1150x50x70mm  
1720x50x70mm  
2290x50x70mm  
2860x50x70mm  
3430x50x70mm  
4000x50x70mm



120°



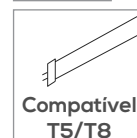
3x1100 lm  
3x1550 lm  
3x2200 lm



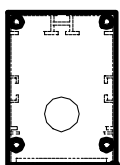
**3000K**

**4000K**

Modulação  
a cada 570mm



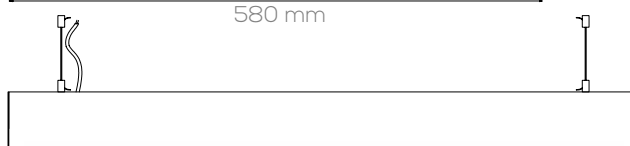
Compatível  
T5/T8



50



580 mm

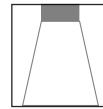


1150 mm

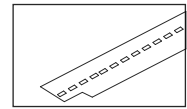
# Matrix Mini D2

## Sobrepor

580x50x105mm  
1150x50x105mm  
1720x50x105mm  
2290x50x105mm



120°



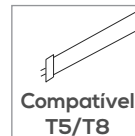
1100 lm  
1550 lm  
2200 lm



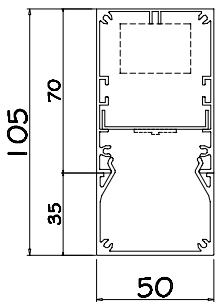
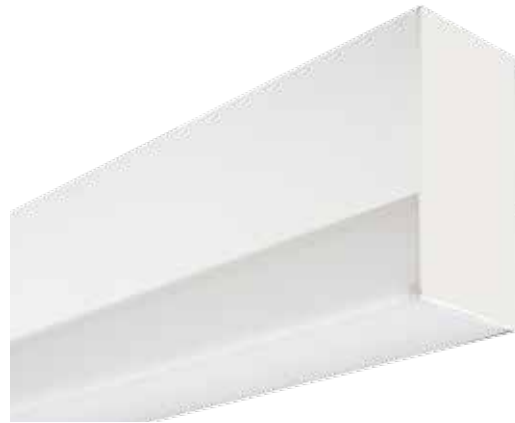
**3000K**

Modulação  
a cada 570mm

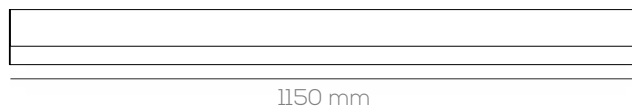
**4000K**



Compatível  
T5/T8



580 mm

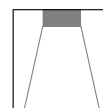


1150 mm

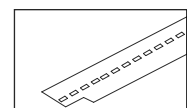
# Matrix Mini D2

## Pendente

580x50x105mm  
1150x50x105mm  
1720x50x105mm  
2290x50x105mm



120°



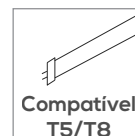
1100 lm  
1550 lm  
2200 lm



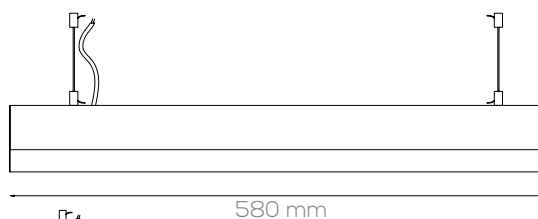
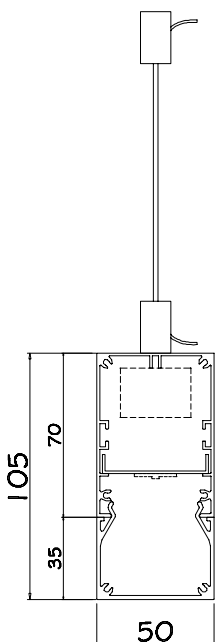
**3000K**

Modulação  
a cada 570mm

**4000K**



Compatível  
T5/T8



580 mm

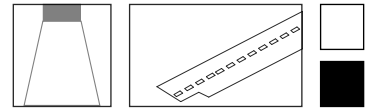


1150 mm

# Matrix Mini D2 Linear

## Sobrepôr

580x50x105mm  
1150x50x105mm  
1720x50x105mm  
2290x50x105mm  
2860x50x105mm  
3430x50x105mm  
4000x50x105mm



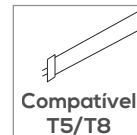
120°

1100 lm  
1550 lm  
2200 lm

**3000K**

**4000K**

Modulação  
a cada 570mm

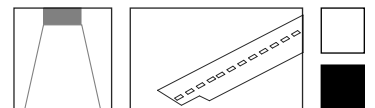


Compatível  
T5/T8

# Matrix Mini D2 Linear

## Pendente

580x50x105mm  
1150x50x105mm  
1720x50x105mm  
2290x50x105mm  
2860x50x105mm  
3430x50x105mm  
4000x50x105mm



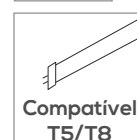
120°

1100 lm  
1550 lm  
2200 lm

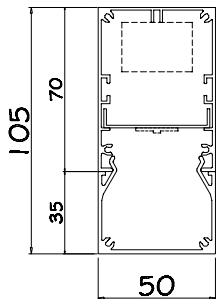
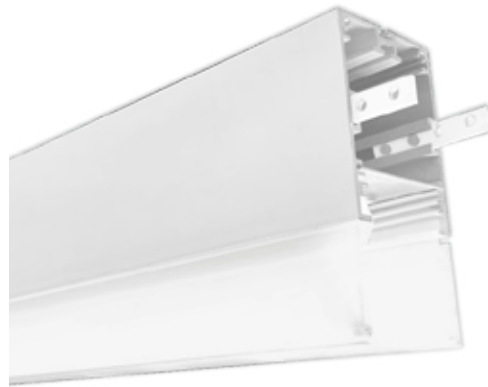
**3000K**

**4000K**

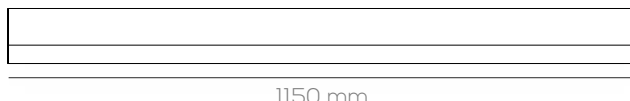
Modulação  
a cada 570mm



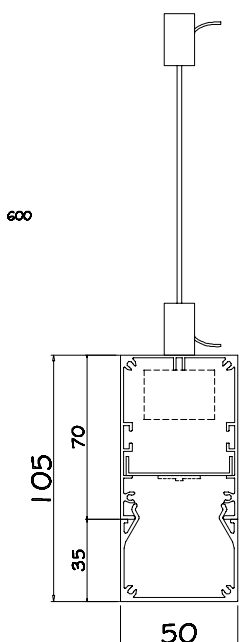
Compatível  
T5/T8



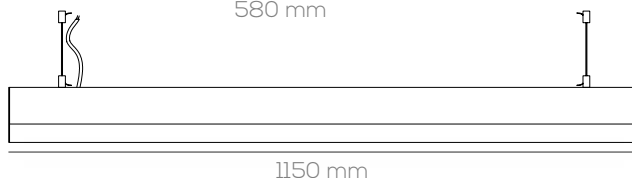
580 mm



1150 mm



580 mm



1150 mm

60

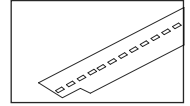
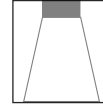




# Linear Fit

## Pendente

560x101x71,5mm  
 1120x101x71,5mm  
 1680x101x71,5mm  
 2240x101x71,5mm



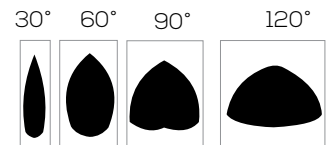
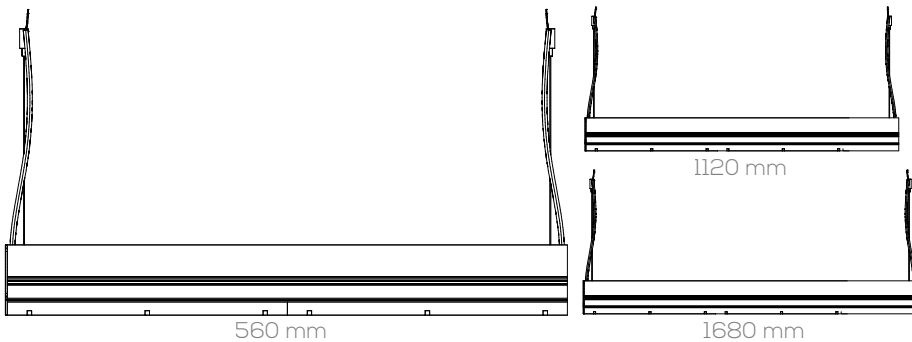
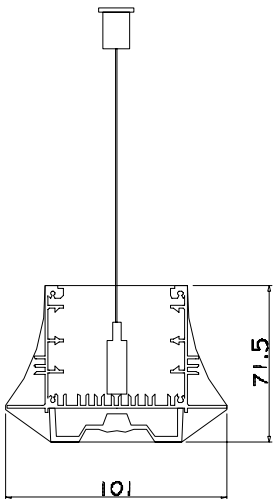
30°|60°  
 90°|120°

1100 lm  
 1550 lm  
 2200 lm

Assimétrico  
 Duplo-  
 assimétrico

**3000K**

**4000K**



Assimétrico

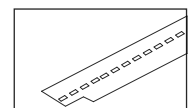
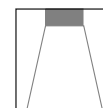
Duplo  
 assimétrico



# Linear Fit

## Sobrepor

560x101x71,5mm  
 1120x101x71,5mm  
 1680x101x71,5mm  
 2240x101x71,5mm



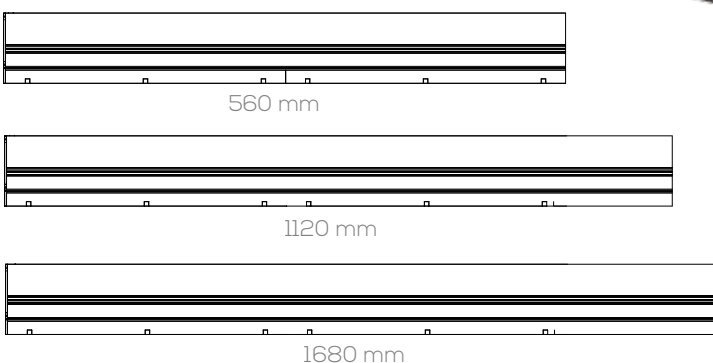
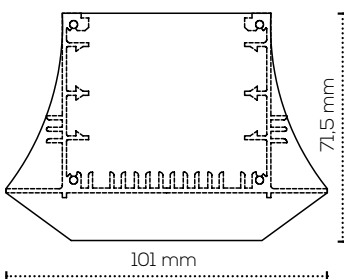
30°|60°  
 90°|120°

1100 lm  
 1550 lm  
 2200 lm

Assimétrico  
 Duplo-  
 assimétrico

**3000K**

**4000K**

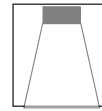


# Linear Fit

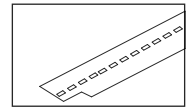


**Sobrepor**

600x101x58mm  
1200x101x58mm



90°



1100 lm  
1550 lm  
2200 lm



**3000K**

**4000K**

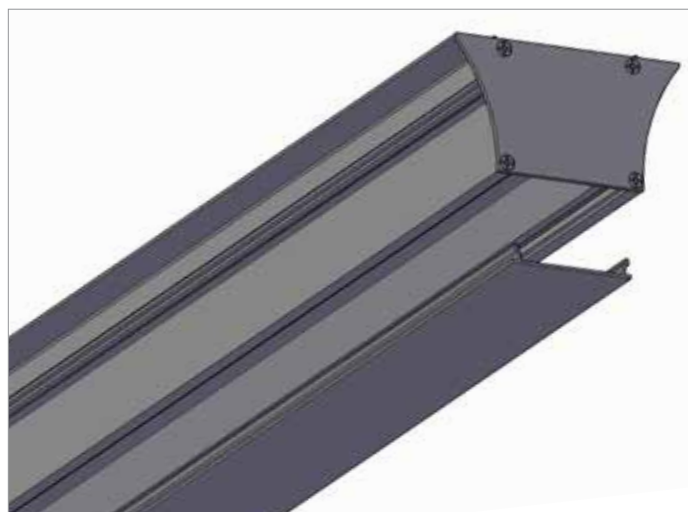
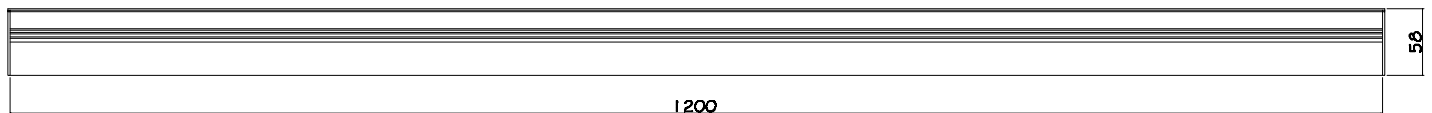
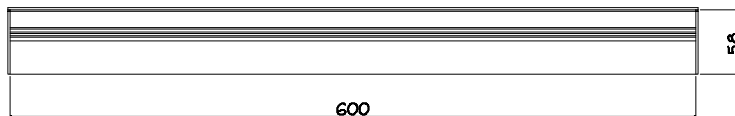
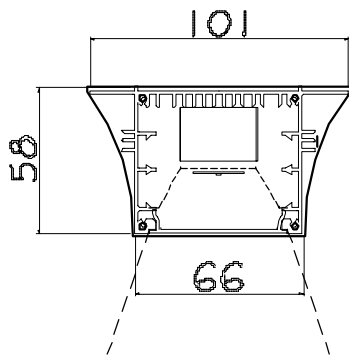


Ilustração 3D | Plafon - encaixe placa

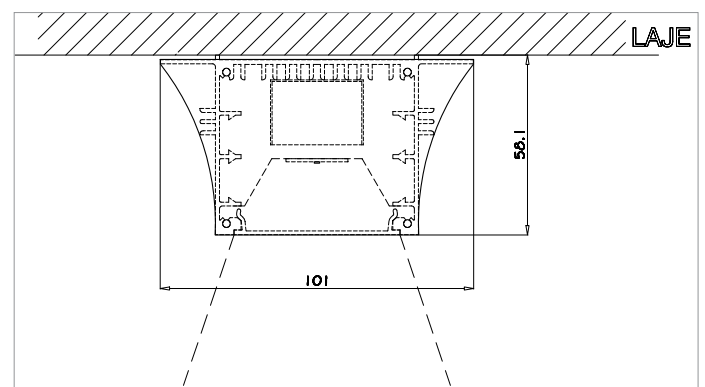


Ilustração | luminária fixa no teto

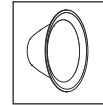
**PD RETRÔ**  
**TECNOLOGIA LED COM ESTILO**



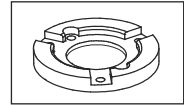
# PD Retrô

**Pendente**

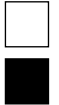
ø414x395mm



12°|24°  
36°|45°



3x1000 lm  
3x2000 lm  
3x3000 lm



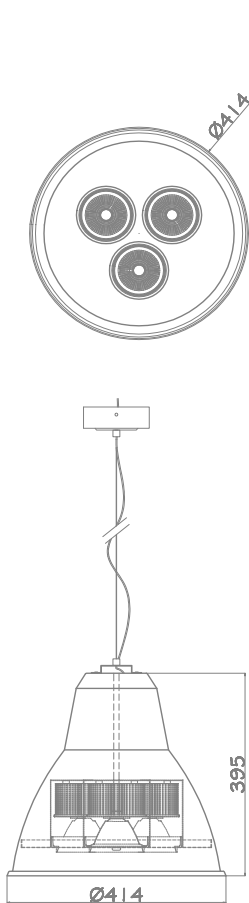
**3000K** **IRC**  
**4000K** **80 90 95**  
conheça!



Compatível  
KIT II

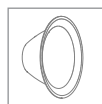
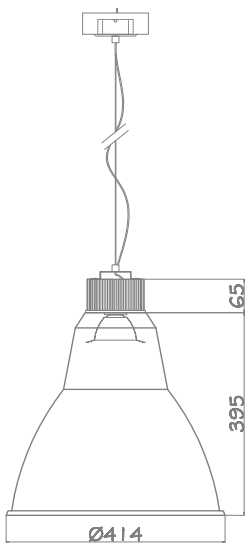
2000mm (cabo)  
42mm (canopla)

Cores customizadas  
sob encomenda!  
Consulte-nos!

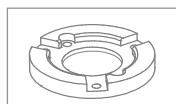


## PD Retrô

Opção montagem; cob + refletor



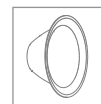
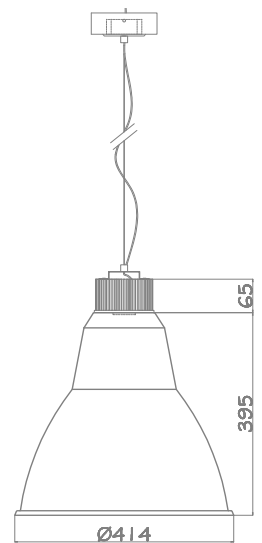
12°|24°  
36°|45°



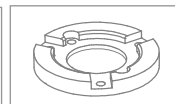
1000 lm  
2000 lm  
3000 lm

## PD Retrô

Opção montagem: cob



50°

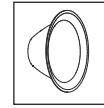


1000 lm  
2000 lm  
3000 lm

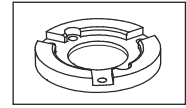
# PD Retrô

 **Pendente**

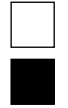
Ø423x295mm



12°|24°  
36°|45°



3x1000 lm  
3x2000 lm  
3x3000 lm

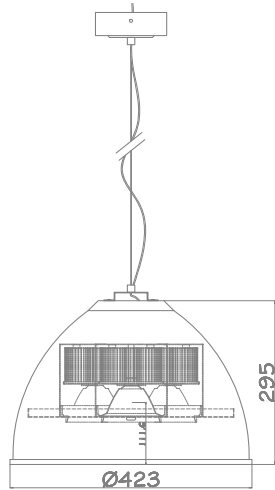
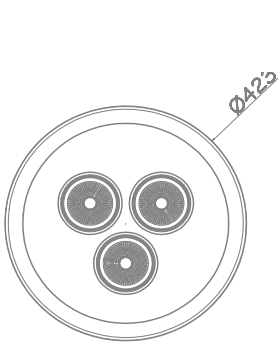


**3000K** **IRC**  
**4000K** **80 90 95**  
conheça!

 **Compatível  
KIT II**

2000mm (cabo)  
42mm (canopla)

**Cores customizadas  
sob encomenda!  
Consulte-nos!**

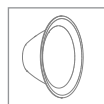
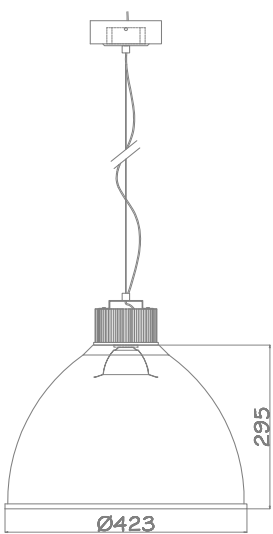


## PD Retrô

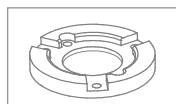
Opção montagem; cob + refletor

## PD Retrô

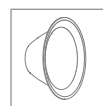
Opção montagem: cob



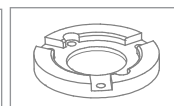
12°|24°  
36°|45°



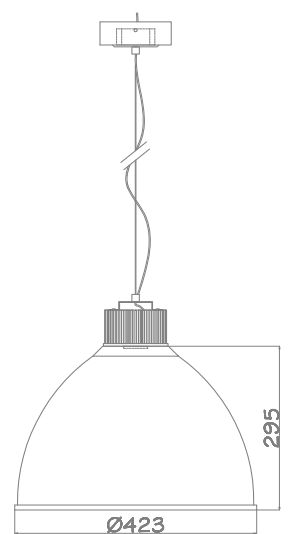
1000 lm  
2000 lm  
3000 lm



60°



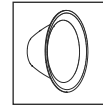
1000 lm  
2000 lm  
3000 lm



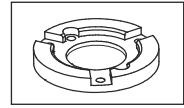
# PD Retrô

 **Pendente**

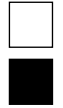
Ø465x263mm



12°|24°  
36°|45°



3x1000 lm  
3x2000 lm  
3x3000 lm



**3000K**

**4000K**

**IRC**

**80 90 95**

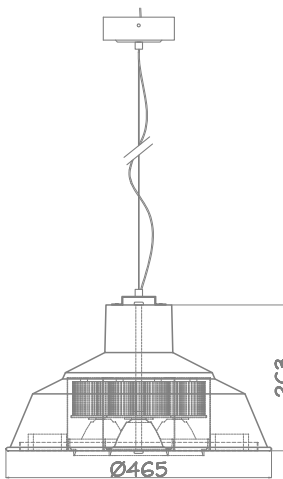
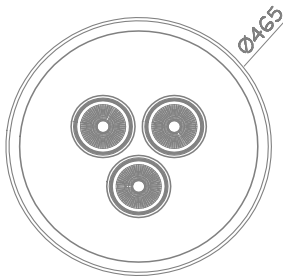
conheça!



Compatível  
KIT II

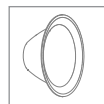
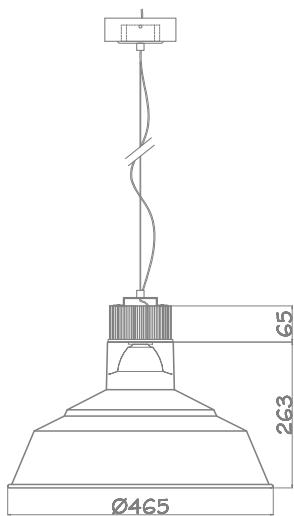
2000mm (cabo)  
42mm (canopla)

**Cores customizadas  
sob encomenda!  
Consulte-nos!**

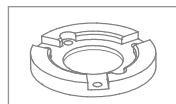


## PD Retrô

Opção montagem; cob + refletor



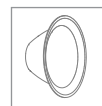
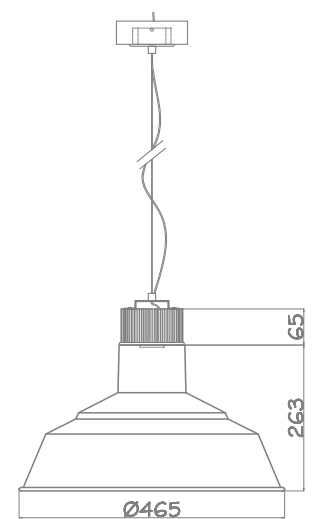
12°|24°  
36°|45°



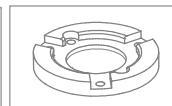
1000 lm  
2000 lm  
3000 lm

## PD Retrô

Opção montagem: cob



100°



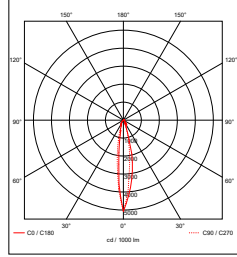
1000 lm  
2000 lm  
3000 lm



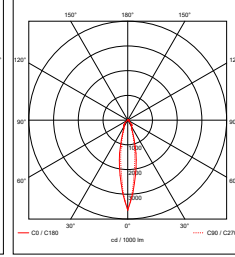
# Curvas

**LED COB**  
**1000 lm**  
**2000 lm**  
**3000 lm**  
**12°|24°|36°|45°**

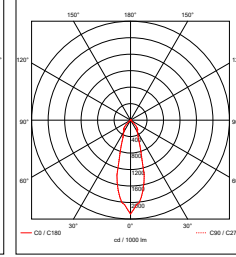
12° 1000 lm



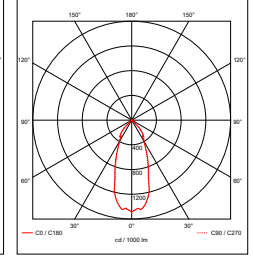
24° 1000 lm



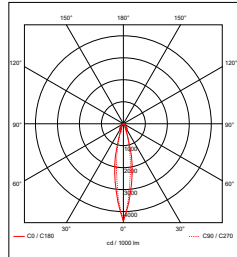
36° 1000 lm



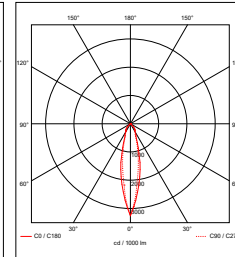
45° 1000 lm



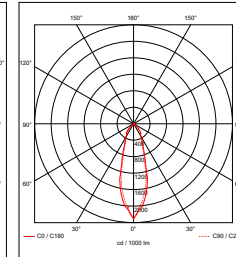
12° 2000 lm



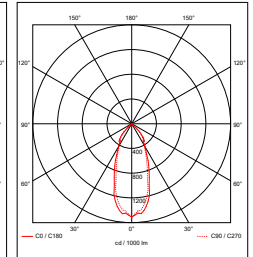
24° 2000 lm



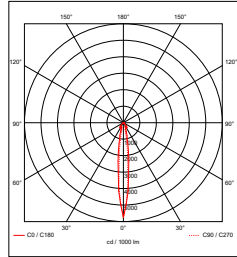
36° 2000 lm



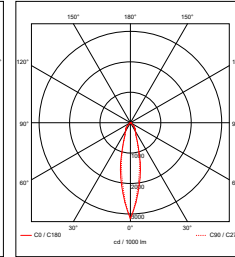
45° 2000 lm



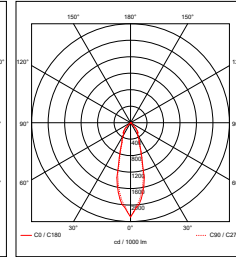
12° 3000 lm



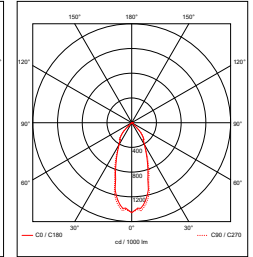
24° 3000 lm



36° 3000 lm

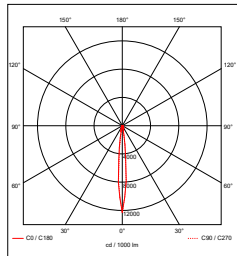


45° 3000 lm

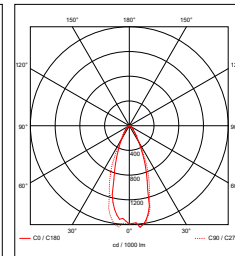


**Kit II**  
**1000 lm**  
**2000 lm**  
**3000 lm**  
**15°|24°|36°|45°**

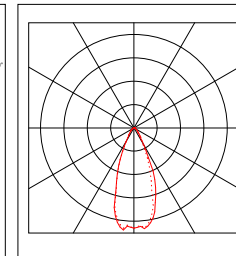
15° 1000 lm



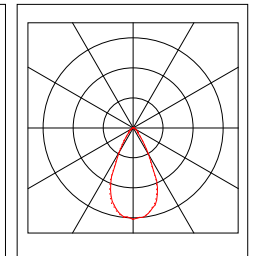
24° 1000 lm



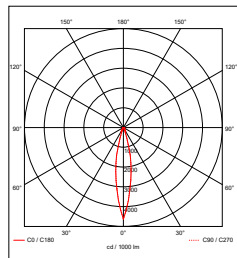
36° 1000 lm



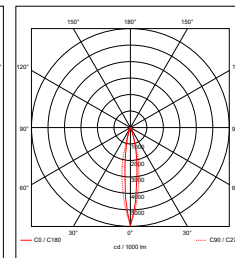
45° 1000 lm



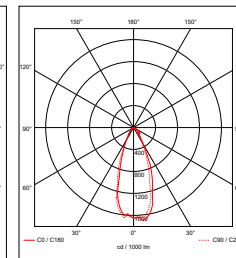
15° 2000 lm



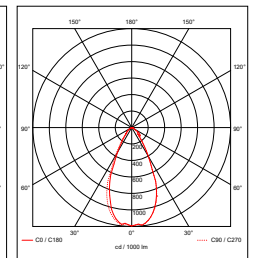
24° 2000 lm



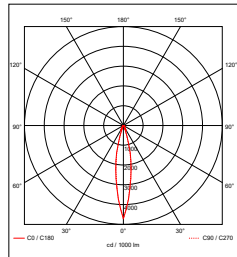
36° 2000 lm



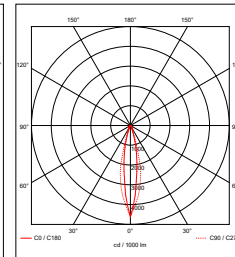
45° 2000 lm



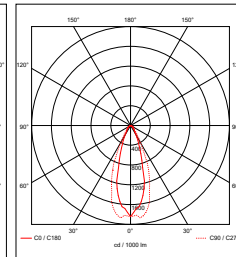
15° 3000 lm



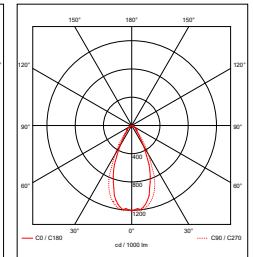
24° 3000 lm



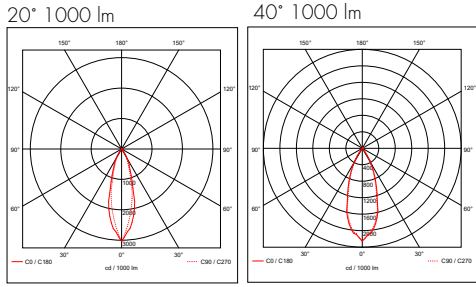
36° 3000 lm



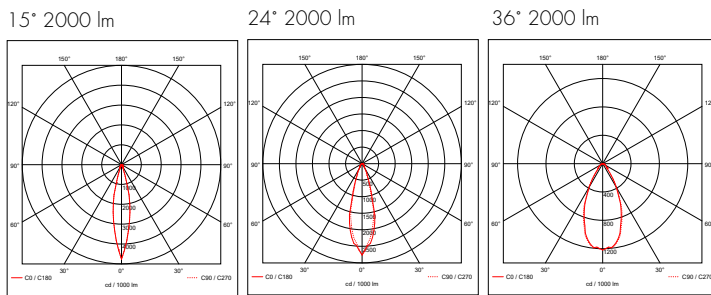
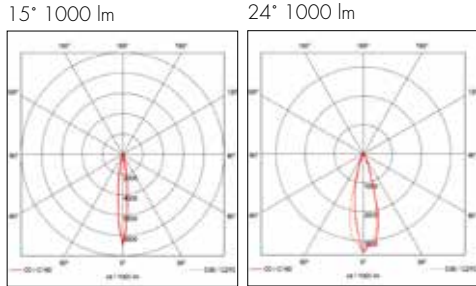
45° 3000 lm



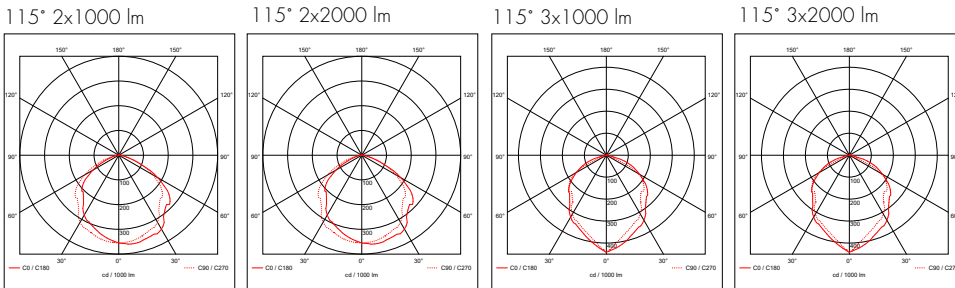
**LED COB**  
**1000 lm**  
**20°|40°**



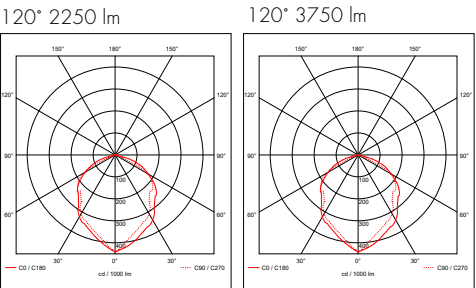
**Kit80**  
**1000 lm**  
**2000 lm**  
**15°|24°|36°**



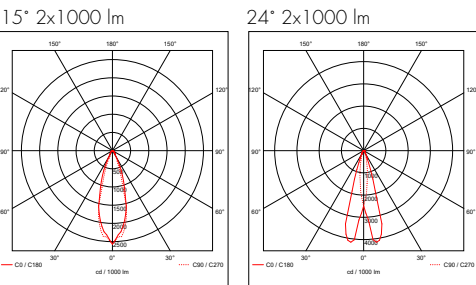
**Wall Washer**  
**2x1000 lm**  
**2x2000 lm**  
**3x1000 lm**  
**3x2000 lm**  
**115°**

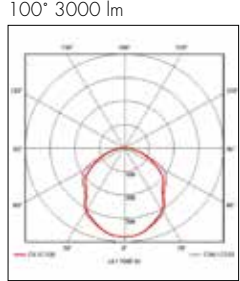
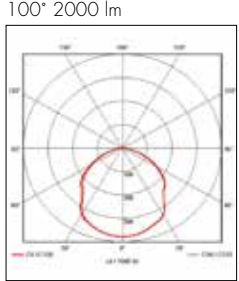
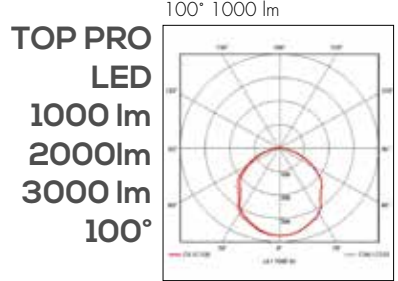
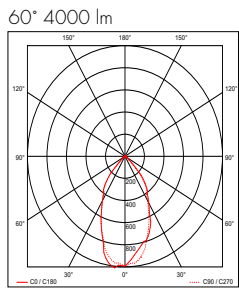
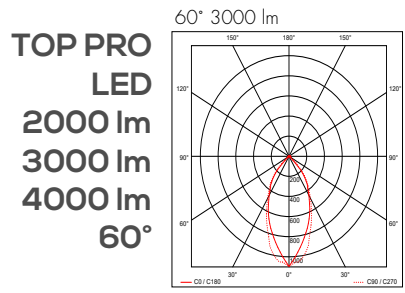
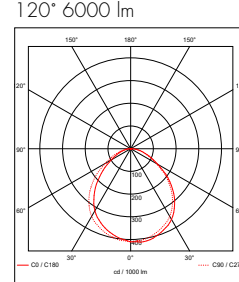
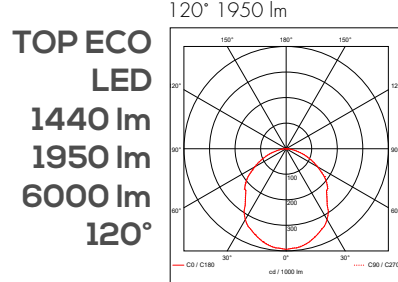
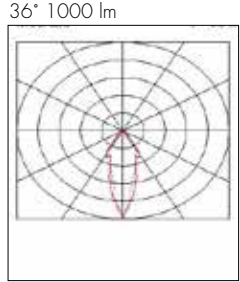
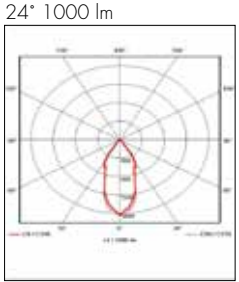
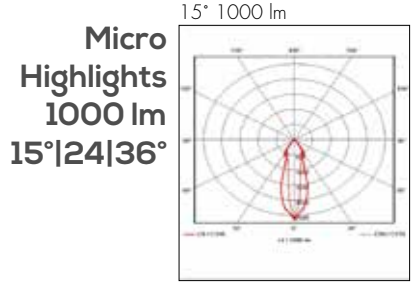
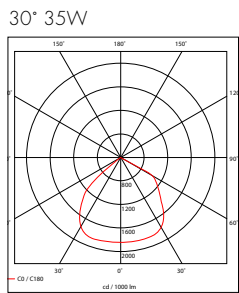
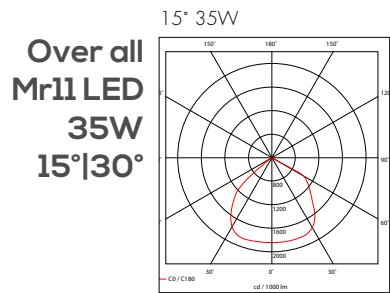
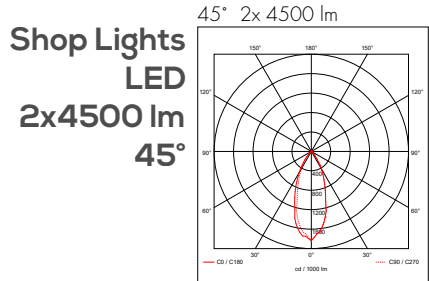


**High Power LED**  
**2250 lm**  
**3750 lm**  
**120°**



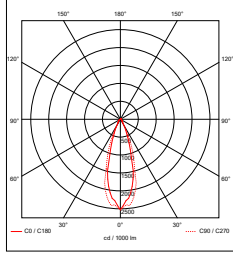
**MOON II LED**  
**2x1000 lm**  
**15°|24°**



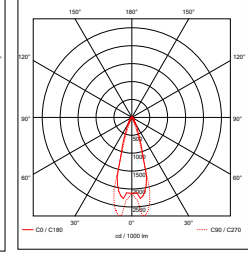


**OVNI LED**  
**3x1000 lm**  
**3x2000 lm**  
**3x3000 lm**  
**12°|24°|36°|45°**

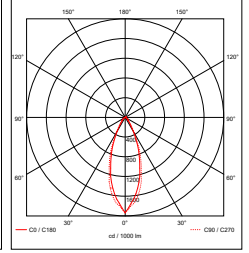
12° 3x1000 lm



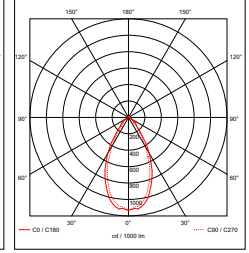
24° 3x1000 lm



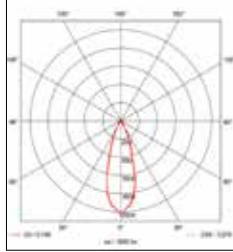
36° 3x1000 lm



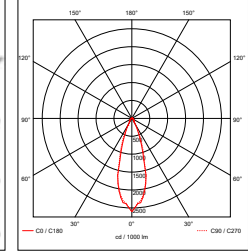
45° 3x1000 lm



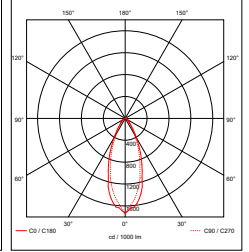
12° 3x2000 lm



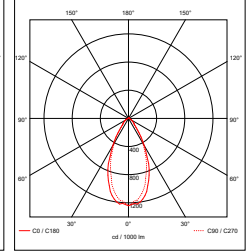
24° 3x2000 lm



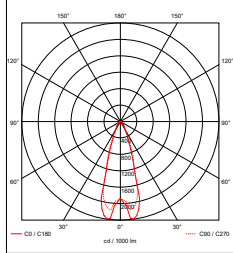
36° 3x2000 lm



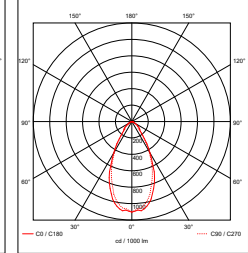
45° 3x2000 lm



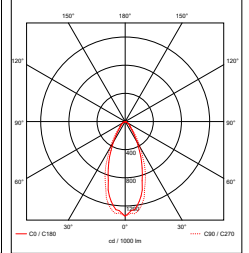
12° 3x3000 lm



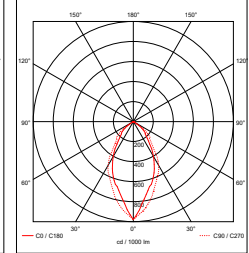
24° 3x3000 lm



36° 3x3000 lm



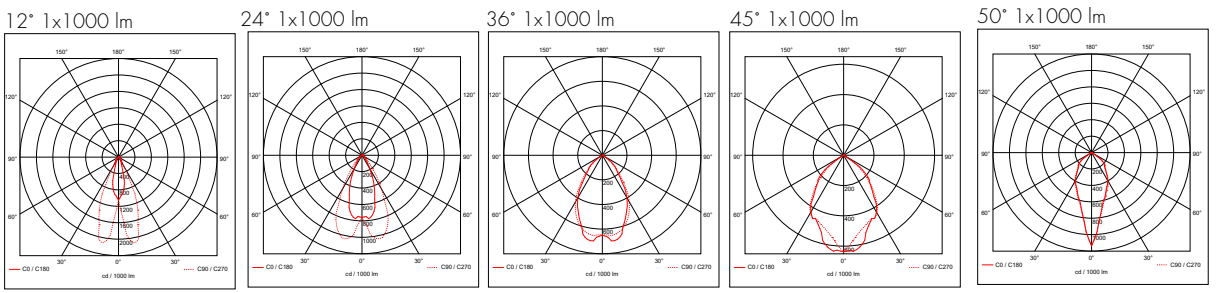
45° 3x3000 lm



**PD RETRÔ**  
**ø414x395mm**

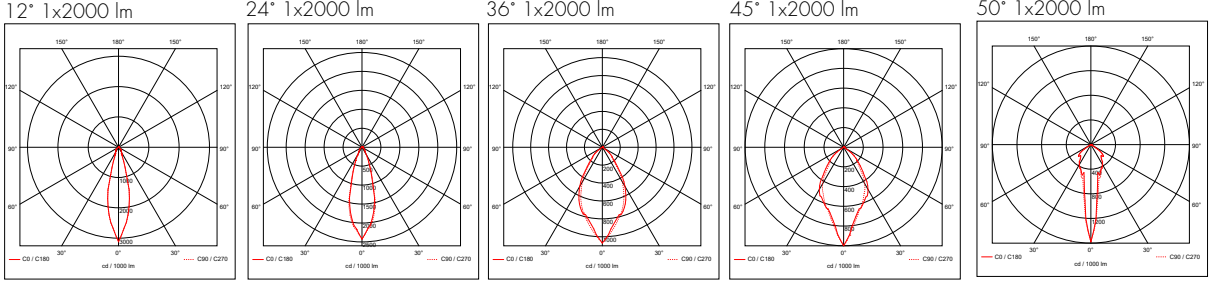
**1x1000 lm**  
**1x2000 lm**  
**1x3000 lm**

**12°|24°|36°|45°**  
 (led cob+refletor)



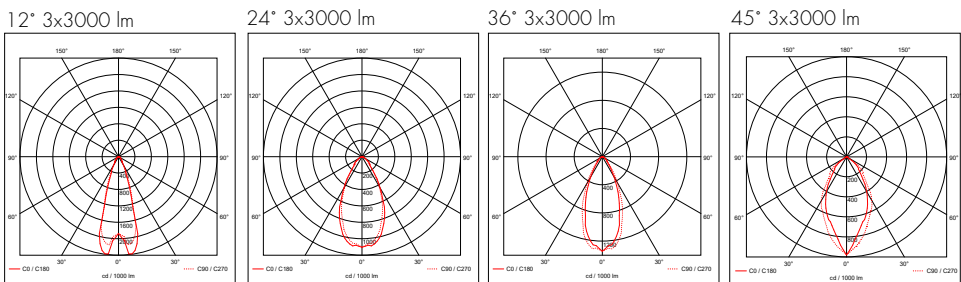
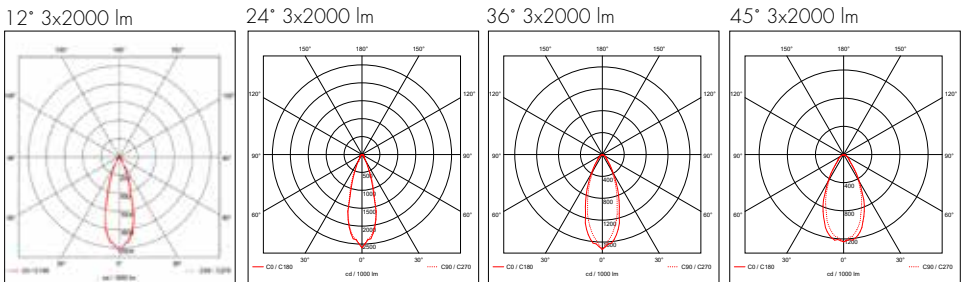
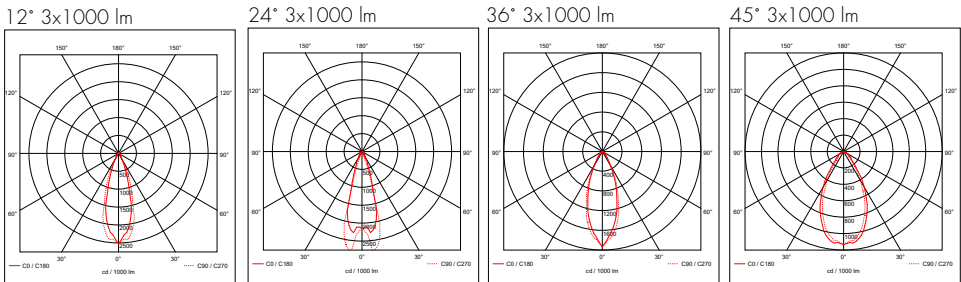
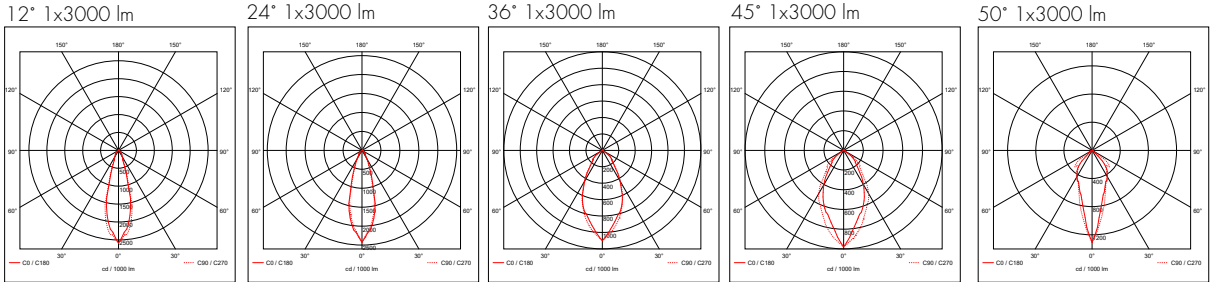
**3x1000 lm**  
**3x2000 lm**  
**3x3000 lm**

**12°|24°|36°|45°**  
 (3x led cob+refletor)



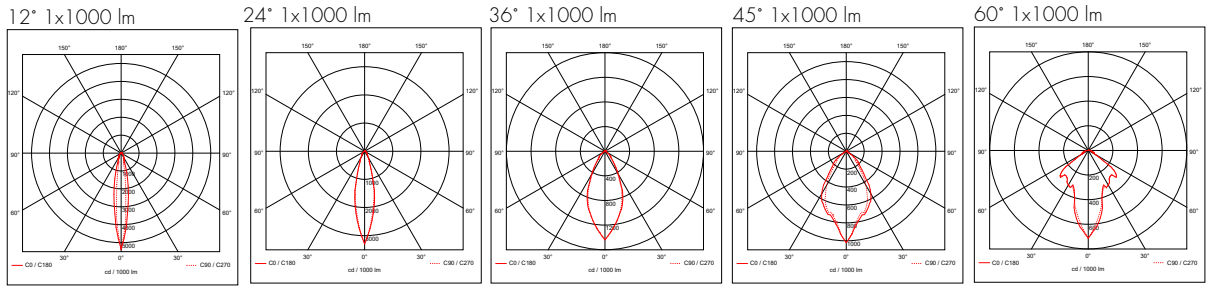
**1x1000 lm**  
**1x2000 lm**  
**1x3000 lm**

**50°**  
 (somente cob)

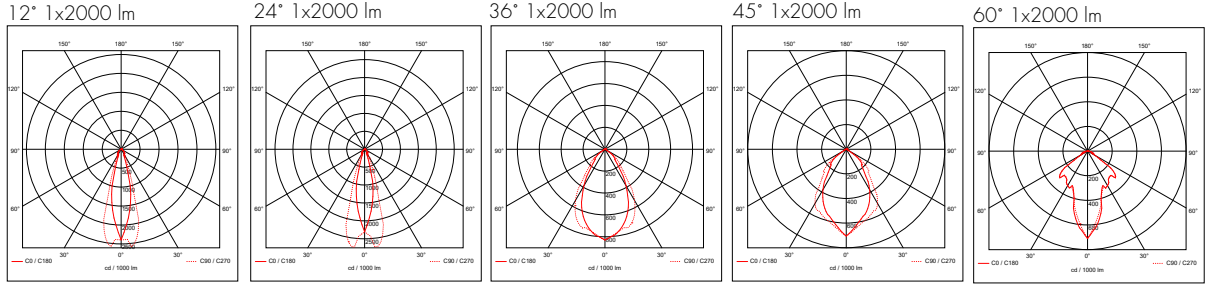


**PD RETRÔ**  
**ø423x295mm**

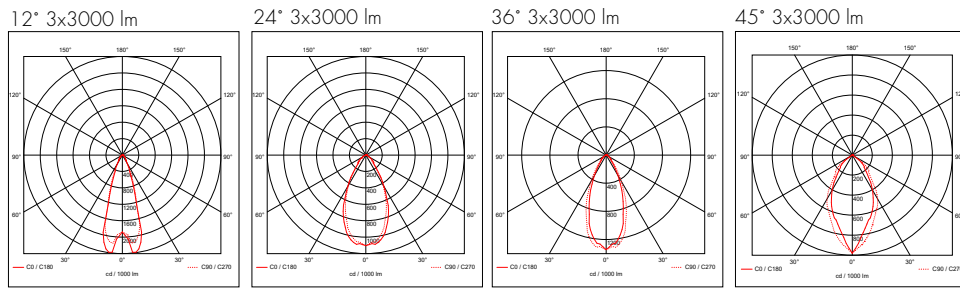
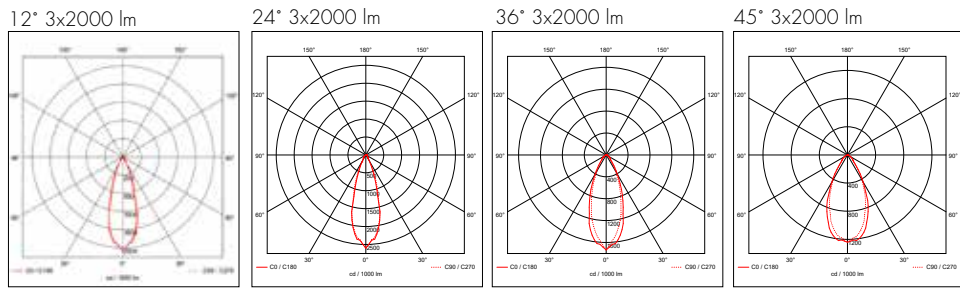
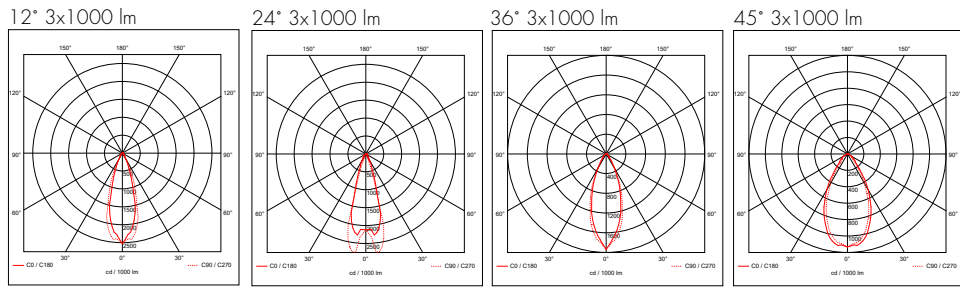
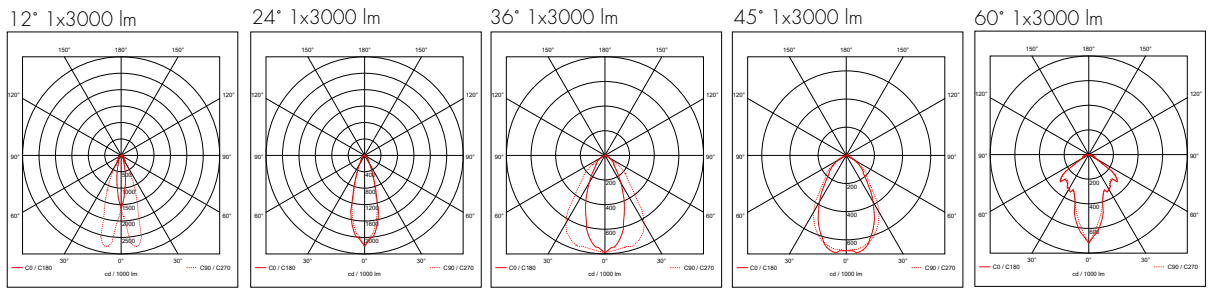
**1x1000 lm**  
**1x2000 lm**  
**1x3000 lm**  
**12°|24°|36°|45°**  
**(led cob+refletor)**



**3x1000 lm**  
**3x2000 lm**  
**3x3000 lm**  
**12°|24°|36°|45°**  
**(3x led cob+refletor)**



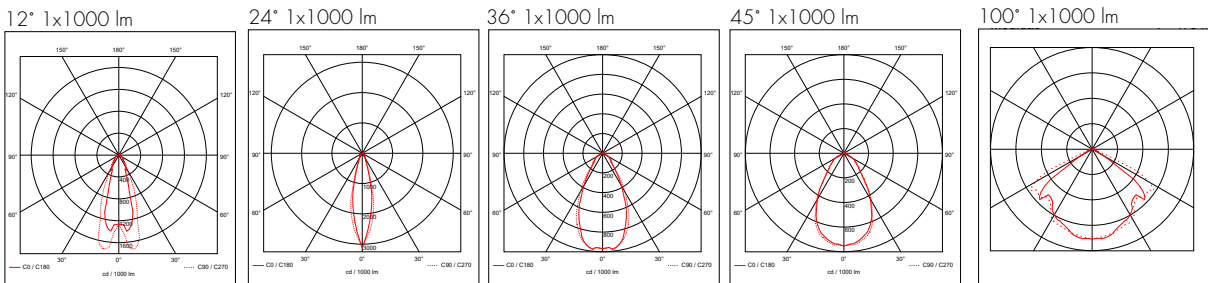
**1x1000 lm**  
**1x2000 lm**  
**1x3000 lm**  
**60°**  
**(somente cob)**



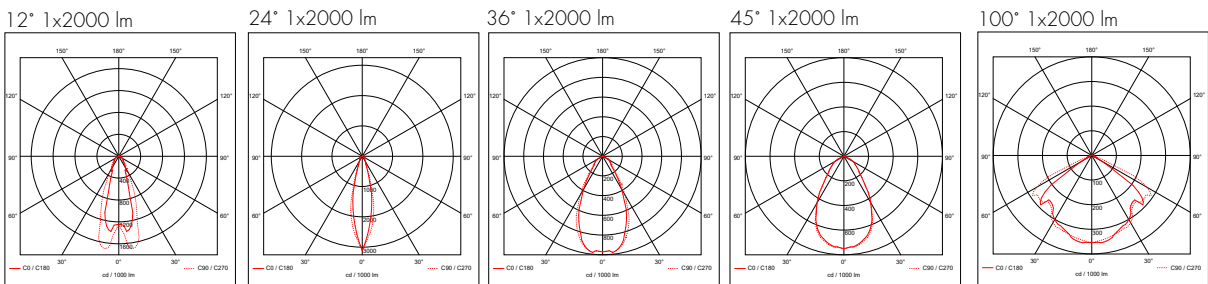


**PD Retrô**  
**ø465x263mm**

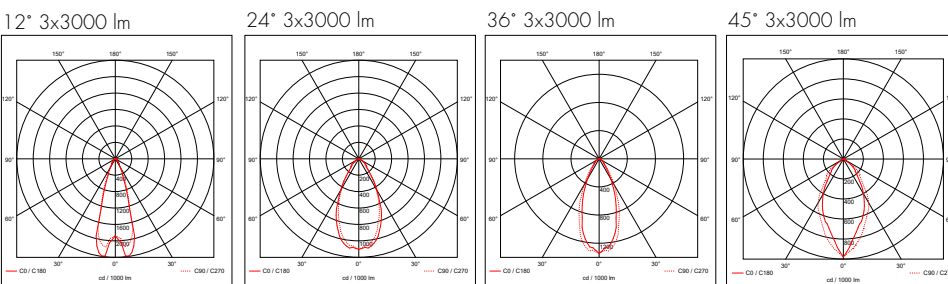
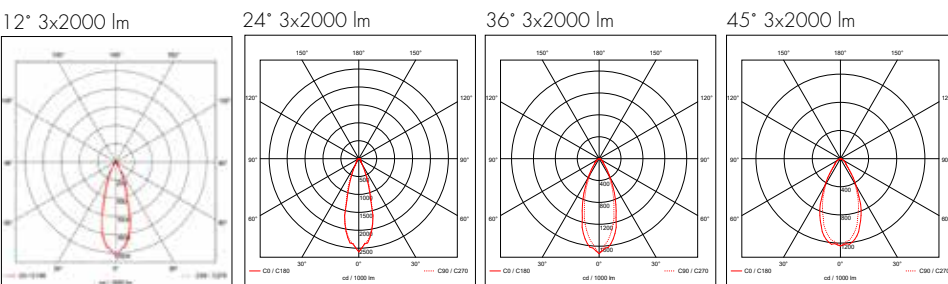
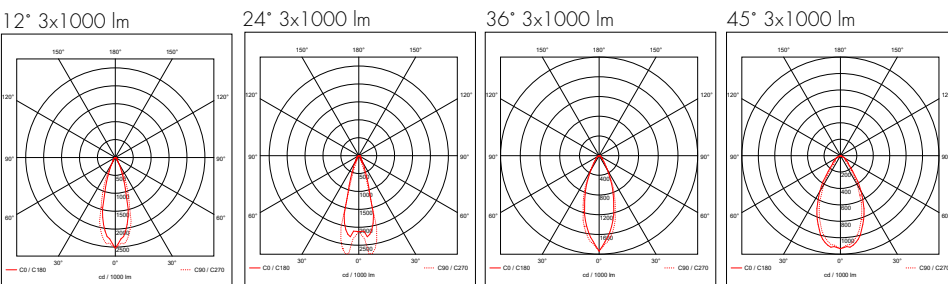
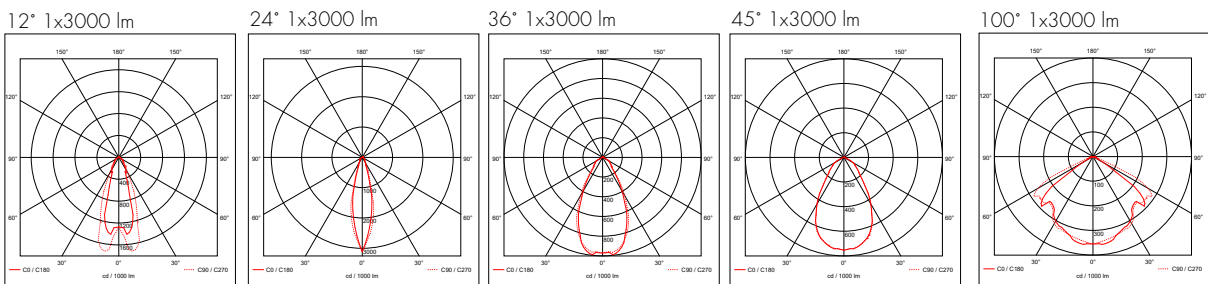
**1x1000 lm**  
**1x2000 lm**  
**1x3000 lm**  
**12°|24°|36°|45°**  
**(led cob+refletor)**



**3x1000 lm**  
**3x2000 lm**  
**3x3000 lm**  
**12°|24°|36°|45°**  
**(3x led cob+refletor)**



**1x1000 lm**  
**1x2000 lm**  
**1x3000 lm**  
**100°**  
**(somente cob)**



# 43 anos de tradição em iluminação na palma da sua mão!

## Luxímetro exclusivo

Único luxímetro que realiza a medição de iluminância de diversos ambientes e classifica os resultados de acordo com as normas da ABNT;

## Nós calibramos seu app!

Conheça nosso showroom de iluminação na R. da Consolação, 2180 São Paulo/SP enquanto calibramos seu app!

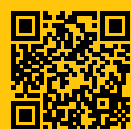
Calibrador

Selecionar local

Baixa

Normal

## Download Grátis



O **Luxímetro do Dr.LED**® tem medidas referenciais. Não é recomendado seu uso em projetos profissionais. Para projetos de iluminação procure sempre um profissional lighting designer ou arquitetos especializados. Os sensores dos aparelhos smartphones apresentam variações para mais ou para menos dependendo da marca.

Conheça outras funções do **Luxímetro Dr.LED®**



**Simulador de iluminação lateral e geral:**

Descubra as melhores combinações possíveis para exposição de produtos em cada ambiente do seu negócio;



**Calculadora de consumo LED:**

Saiba o quanto você pode economizar no custo de energia utilizando iluminação LED em comparação com fontes de luz convencionais!

**trust**



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ILUMINAÇÃO PARA O VAREJO

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#### GEAR BOX

Compartimentos para alojamento de drivers. Disponível em diversos modelos

#### DISSIPADOR

Responsável pelo fluxo de ar que entra e sai na luminária. Garante a vida útil do LED e evita o enfraquecimento da luz.

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# Troque suas lâmpadas antigas por kits retrofit Trust e surpreenda-se com os resultados !

## LED

É o silício compactado e processado em partículas emissoras de luz : (L)Light (E)Emitting (D)Diode e posicionado em uma placa com circuito impresso e coberto com fósforo para gerar a cor da luz.

## LENTE

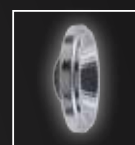
Projeta a luz para o refletor e possui função antiofuscante.

## REFLETOR

Controla o fluxo luminoso, abrindo ou diminuindo o fecho de luz.



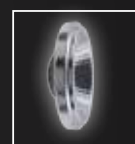
## KIT 11



1000 lm  
2000 lm  
3000 lm

15°|24°  
36°|45°

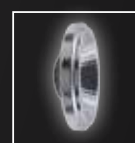
## KIT 80



1000 lm  
2000 lm

15°|24°  
36°

## MR16



1000 lm

20°|40°

**trust** 

SOLUÇÕES PERSONALIZADAS DE  
ILUMINAÇÃO PARA O VAREJO

# Vantagens da tecnologia LED na sua loja



- Menor consumo energia;
- Maior vida útil;
- Eficácia luminosa maior;
- Livre de mercúrio em sua composição;
- Não emite raios UV;



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