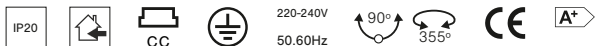
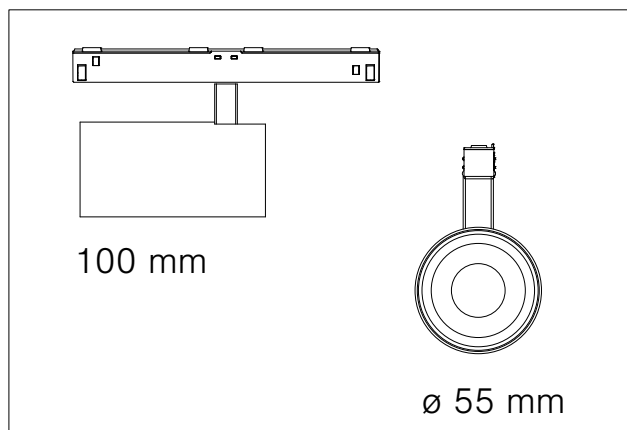


## TUBE S 12,5W



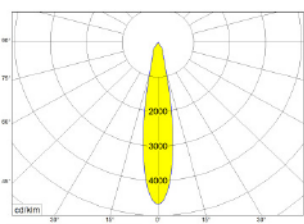
### Technical data

Installation	Track 230VAC
Luminaire type	Spot Projector
Housing Finish Color / RAL	Black / White
Dimensions	100 x 55
Environment	Interior
Controls	On / Off / Dali
Led	COB
Optics	Lens 15°_24°_36°
Optics technology	PC
Light emission direction	↻ 90° ↻ 355°
Nominal Power	10 W
Total Luminaire Power	12,5 W
Flux Total	1,540 lm
Efficacy	117 lm/W
LOR	90%
Voltage	230VDC
CCT	2.7K / 3K / 4K
Colour rendering index	90 Ra
C.C. / C.V.	CC: 350mA
Driver	External
Safety class	⚡
IP	IP65
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Operating temperature	-20 / +50
Driver included	Yes
Typ. efficiency (full load)	> 91
Output LF current ripple	< 5
Overload protection / Short-circuit protection	Yes
Emergency mode	No
Cable included / length	Yes
Net weight	0.800 Kg
L80B10 (Tj=85°C) >60.000h	

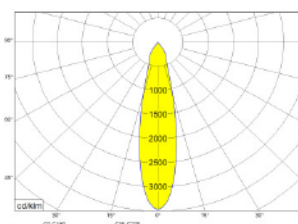


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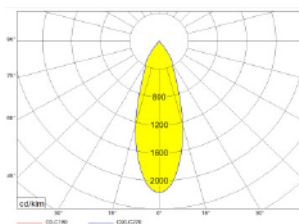
Projector Led para calha 48VDC, corpo em alumínio injectado, pintura electroestatica poliester. Lentes em policarbonato, aberturas de 15°, 24° e 36°. Driver externo com adaptador para calha incorporado. Orientável 355° no eixo horizontal e 90° no eixo vertical. Disponível CCTs, 2700k, 3000K e 4000K. CRI > 90. Última geração de COBs, eficiência de 117 lm/W para tp = 65 °C.



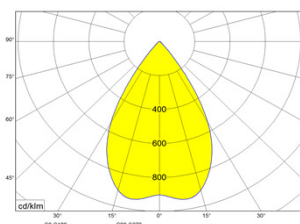
SPOT



MEDIUM



FLOOD

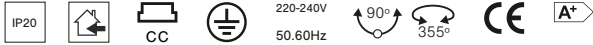


WIDE FLOOD

V2020\_1

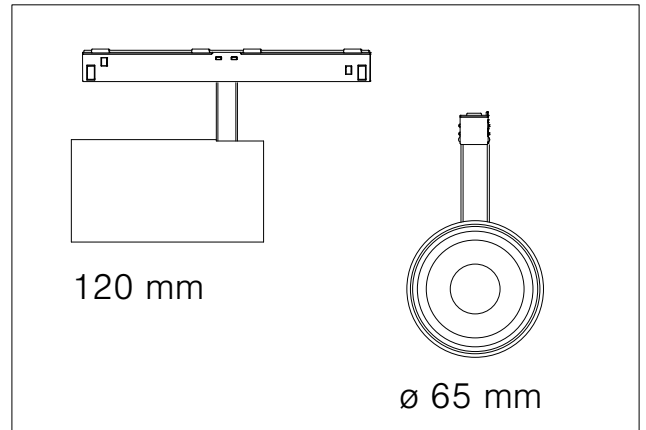
The stated luminous flux and rated electrical input power is subject to a tolerance of +/- 10%, the stated color temperature also has a tolerance of +/- 150 Kelvin. We reserve the right to make technical changes without prior notice.

## TUBE S 20W



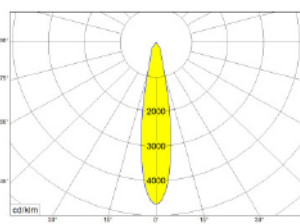
### Technical data

Installation	Track 230VAC
Luminaire type	Spot Projector
Housing Finish Color / RAL	Black / White
Dimensions	120 x 65
Environment	Interior
Controls	On / Off / Dali
Led	COB
Optics	Lens 15°_24°_36°
Optics technology	PC
Light emission direction	↻ 90° ↻ 355°
Nominal Power	17 W
Total Luminaire Power	20 W
Flux Total	2200 lm
Efficiency	117 lm/W
LOR	90%
Voltage	230VDC
CCT	2.7K / 3K / 4K
Colour rendering index	90 Ra
C.C. / C.V.	CC: 500mA
Driver	External
Safety class	⚡
IP	IP65
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Operating temperature	-20 / +50
Driver included	Yes
Typ. efficiency (full load)	> 91
Output LF current ripple	< 5
Overload protection / Short-circuit protection	Yes
Emergency mode	No
Cable included / length	Yes
Net weight	0.9200 Kg
L80B10 (Tj=85°C) >60.000h	

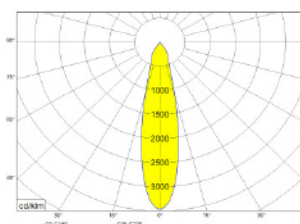


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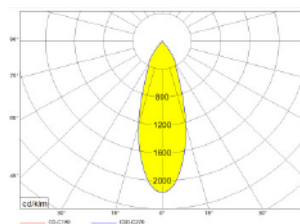
Projector Led para calha 48VDC, corpo em alumínio injectado, pintura electroestatica poliester. Lentes em policarbonato, aberturas de 15°, 24° e 36°. Driver externo com adaptador para calha incorporado. Orientável 355° no eixo horizontal e 90° no eixo vertical. Disponível CCTs, 2700k, 3000K e 4000K. CRI > 90. Última geração de COBs, eficiência de 117 lm/W para tp = 65 °C.



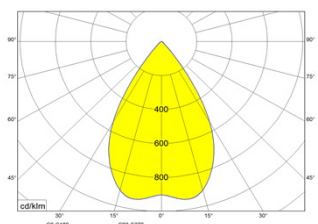
SPOT



MEDIUM



FLOOD

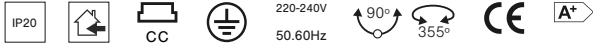


WIDE FLOOD

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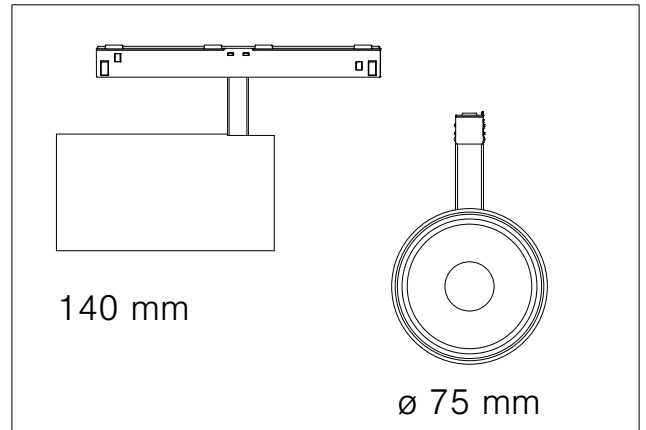
The stated luminous flux and rated electrical input power is subject to a tolerance of +/- 10%, the stated color temperature also has a tolerance of +/- 150 Kelvin. We reserve the right to make technical changes without prior notice.

## TUBE S 30W



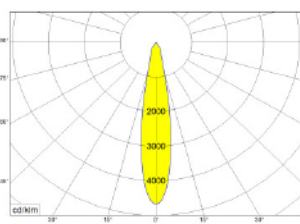
### Technical data

Installation	Track 230VAC
Luminaire type	Spot Projector
Housing Finish Color / RAL	Black / White
Dimensions	140 x 75
Environment	Interior
Controls	On / Off / Dali
Led	COB
Optics	Lens 15°_24°_36°
Optics technology	PC
Light emission direction	↻ 90° ↻ 355°
Nominal Power	27 W
Total Luminaire Power	30 W
Flux Total	3050 lm
Efficiency	117 lm/W
LOR	90%
Voltage	230VDC
CCT	2.7K / 3K / 4K
Colour rendering index	90 Ra
C.C. / C.V.	CC: 700mA
Driver	External
Safety class	⚡
IP	IP65
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Operating temperature	-20 / +50
Driver included	Yes
Typ. efficiency (full load)	> 91
Output LF current ripple	< 5
Overload protection / Short-circuit protection	Yes
Emergency mode	No
Cable included / length	Yes
Net weight	1,100 Kg
L80B10 (Tj=85°C) >60.000h	

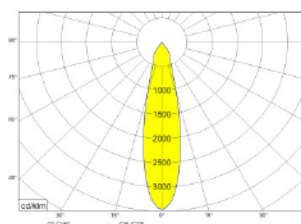


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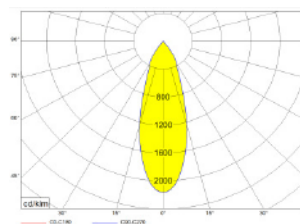
Projector Led para calha 48VDC, corpo em alumínio injectado, pintura electroestatica poliester. Lentes em policarbonato, aberturas de 15°, 24° e 36°. Driver externo com adaptador para calha incorporado. Orientável 355° no eixo horizontal e 90° no eixo vertical. Disponível CCTs, 2700k, 3000K e 4000K. CRI > 90. Última geração de COBs, eficiência de 117 lm/W para tp = 65 °C.



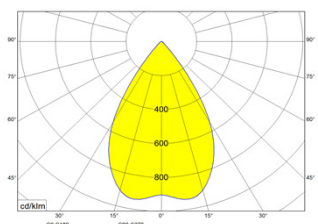
SPOT



MEDIUM



FLOOD



WIDE FLOOD

V2020\_1

The stated luminous flux and rated electrical input power is subject to a tolerance of +/- 10%, the stated color temperature also has a tolerance of +/- 150 Kelvin. We reserve the right to make technical changes without prior notice.