

MOOVEO Range



MOOVEO

Track or surface mounted mini spotlight, high performance, high Led output, focusable and on-board dimming.

Track mounted (1 circuit – 12V), surface mounted or Jack fitted.

Remote power supply to be defined according to your project.

Tilt +/- 135°.

Azimuth : 350°.



MANUFACTURING DESIGN

Durability Score



Reliability Repairabilité

Technical specifications

Light source type	LED
Led Power Rating	1 W
Beam Angle	7° to 30° - 17° to 37°
Color temperature (Step Macadam SDCM2)	3 000 K - 4 000 K
Led nominal output	120 lm - 120 lm
CRI (Ra)	95 95
Lumen maintenance L80B10	50 000 operating hours
Dimming/control	On board dimming (potentiometer)
Thermal dissipation	Passive
Housing materials	Body : Aluminium Optical lens : glass
Weight	0,120 kg (track adaptor) 0,150 kg (surface mounting) 0,150 kg (jack fitting)
Finish	Anodized aluminium - Black finish upon request



Islamic treasures in africa, from Tumbuctu to Zanzibar exhibition – Mohamed VI museum – Rabat - Morocco. Lighting design : GELATIC @SpX lighting

On board dimming



SPX Lighting - Offices : Magellan 7 rue Montespan 91 000 Evry Courcouronnes - France

Factory : Zac des Coinchettes - 36 100 Issoudun - France.

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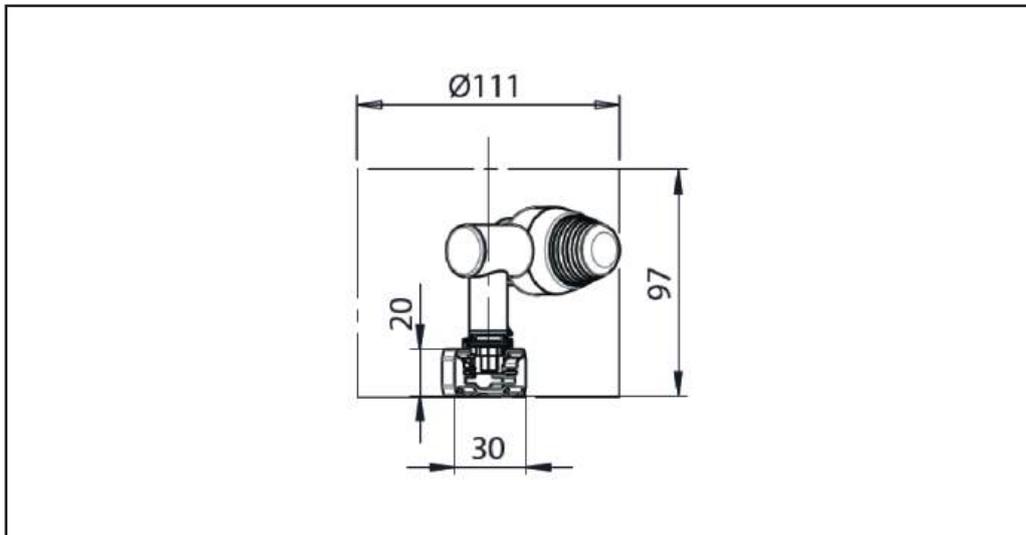
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Mounting versions

12V Track Adaptor



Accessories

Track Accessories

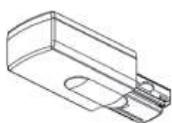


Fig 1



Fig 2



Fig 3

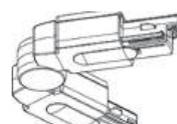


Fig 4

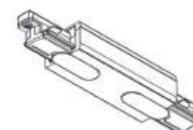


Fig 5

Zoom



Zoom 7° to 30°



Zoom 17° to 37°



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Colorimetry Data

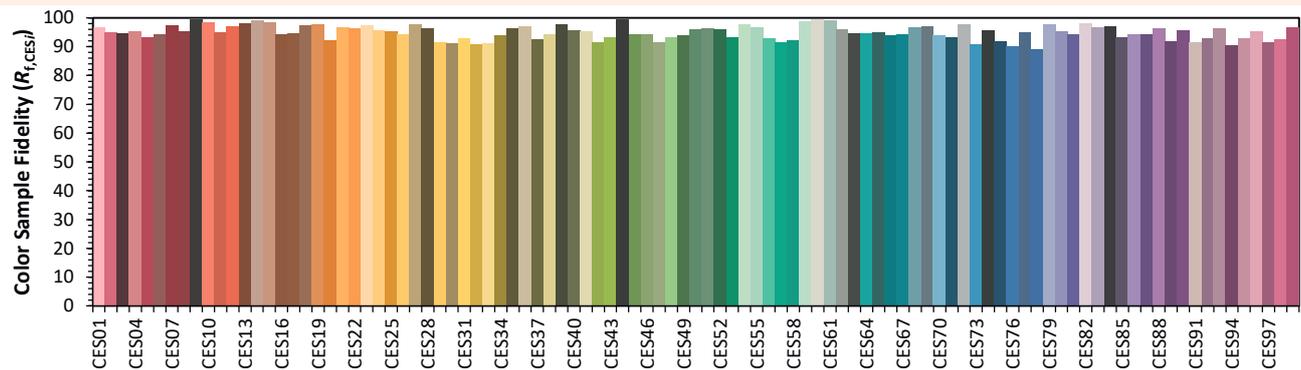
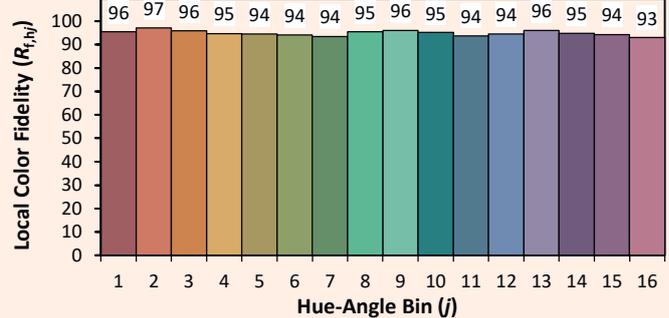
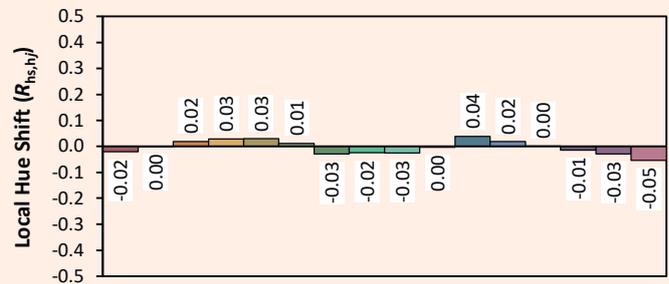
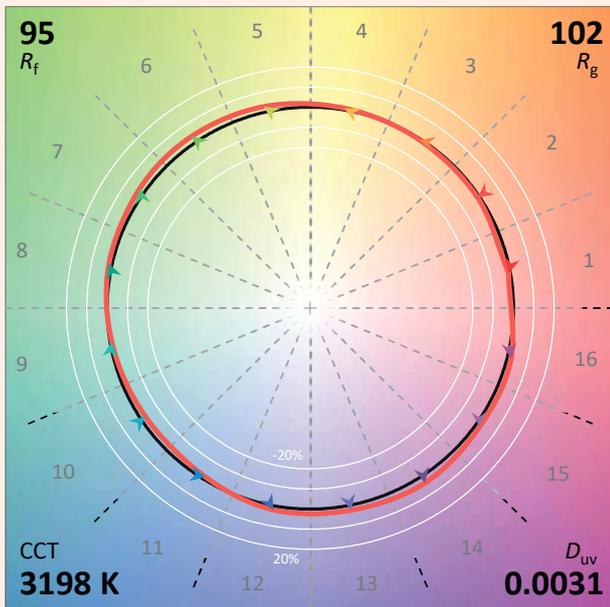
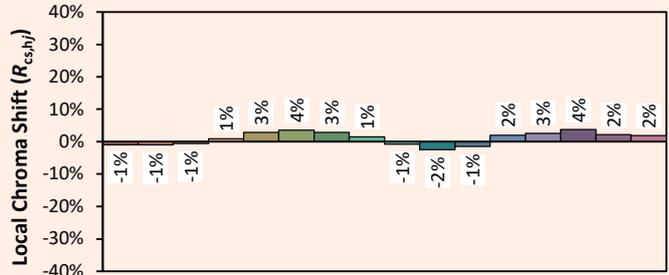
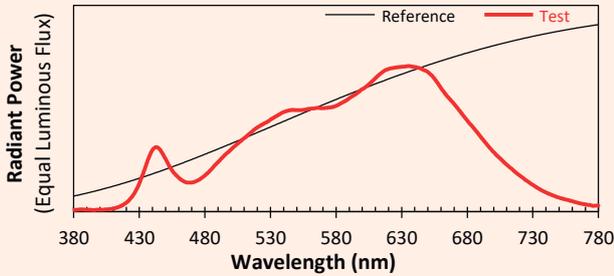


Source: Led 3000K

Date: 22/07/2022

Manufacturer: SPX LIGHTING

Model: MOOVEO 3000K



Notes:

Values given as an indication, varying around the typical value.

x 0.4275
y 0.4082
u' 0.2428
v' 0.5216

CIE 13.3-1995
(CRI)

R_a 95
R_g 88



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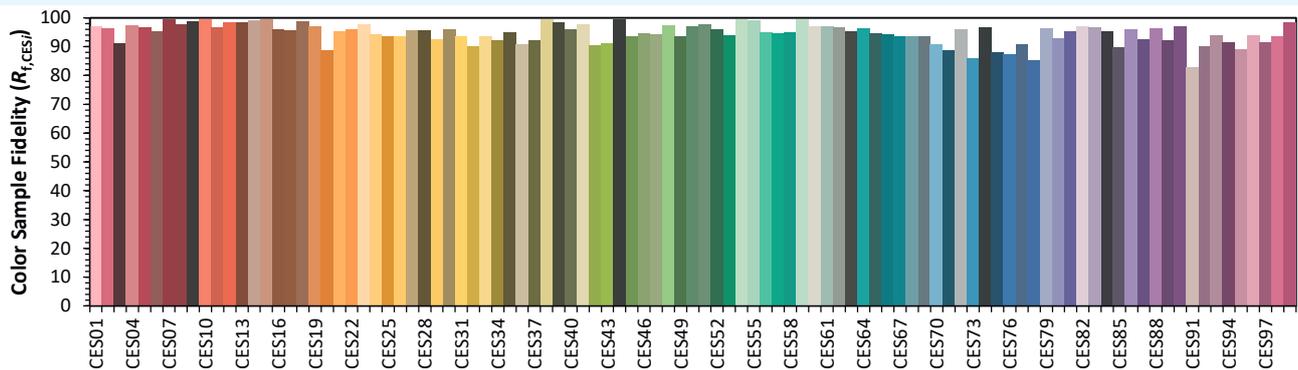
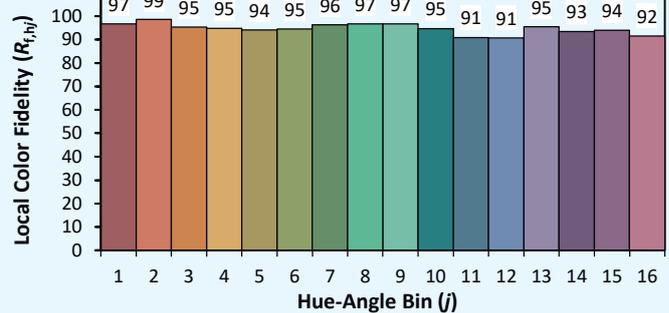
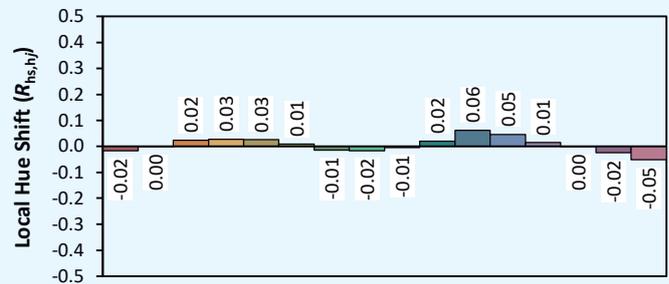
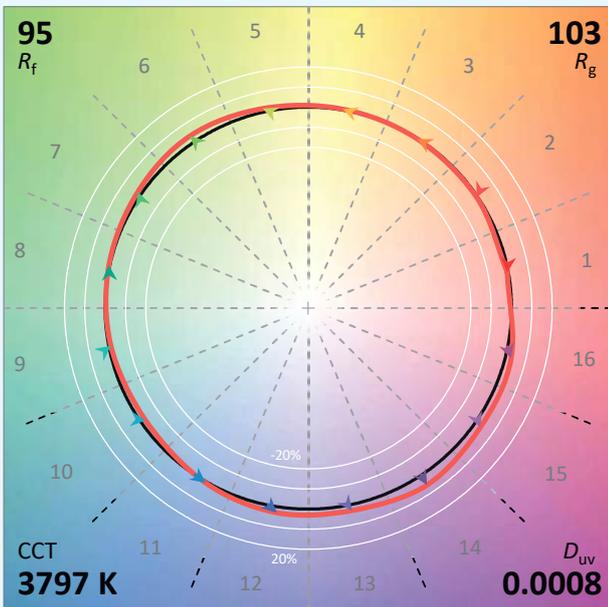
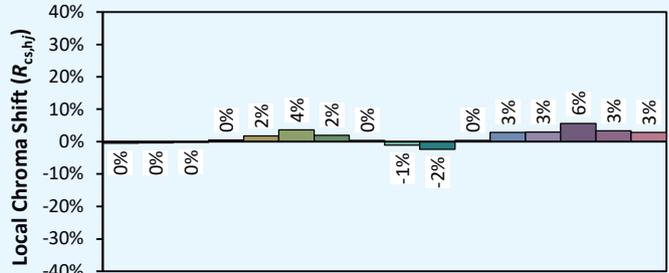
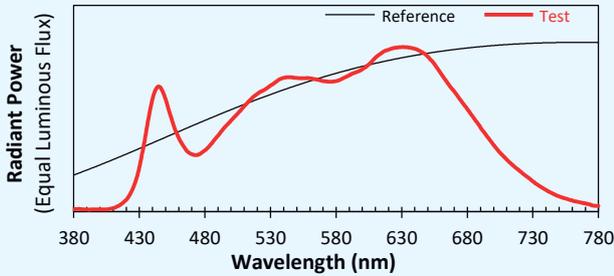


Source: Led 4000K

Manufacturer: SPX LIGHTING

Date: 22/07/2022

Model: MOOVEO 4000K



Notes:

Values given as an indication, varying around the typical value.

x 0.3905
y 0.3844
u' 0.2286
v' 0.5064

CIE 13.3-1995
(CRI)

R _a	96
R _g	95



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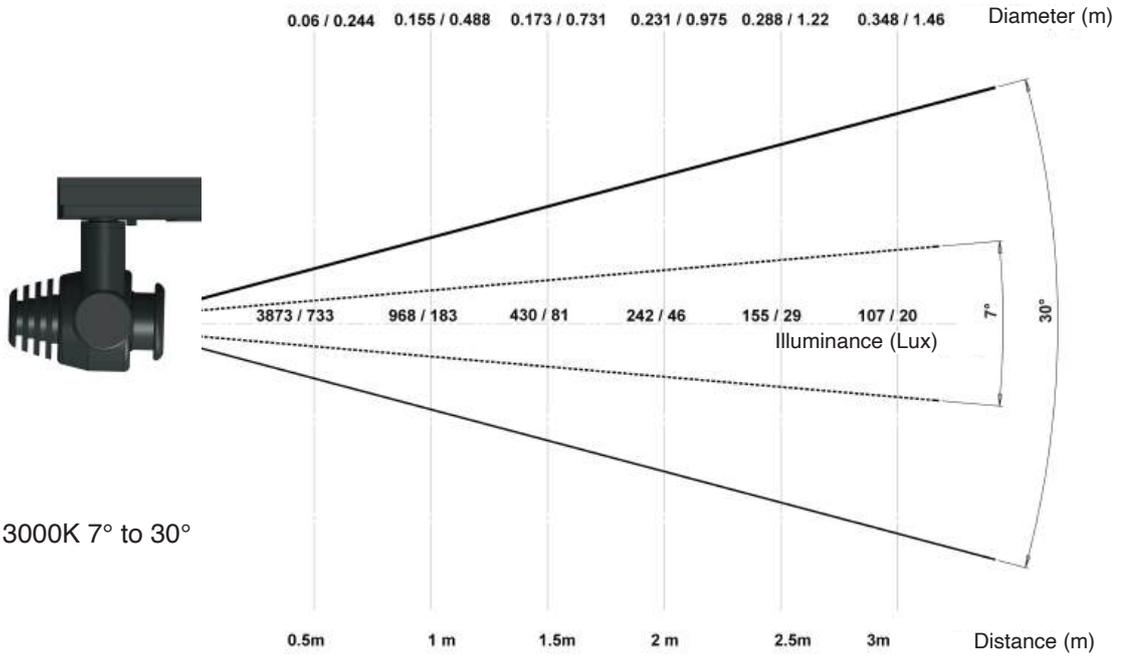
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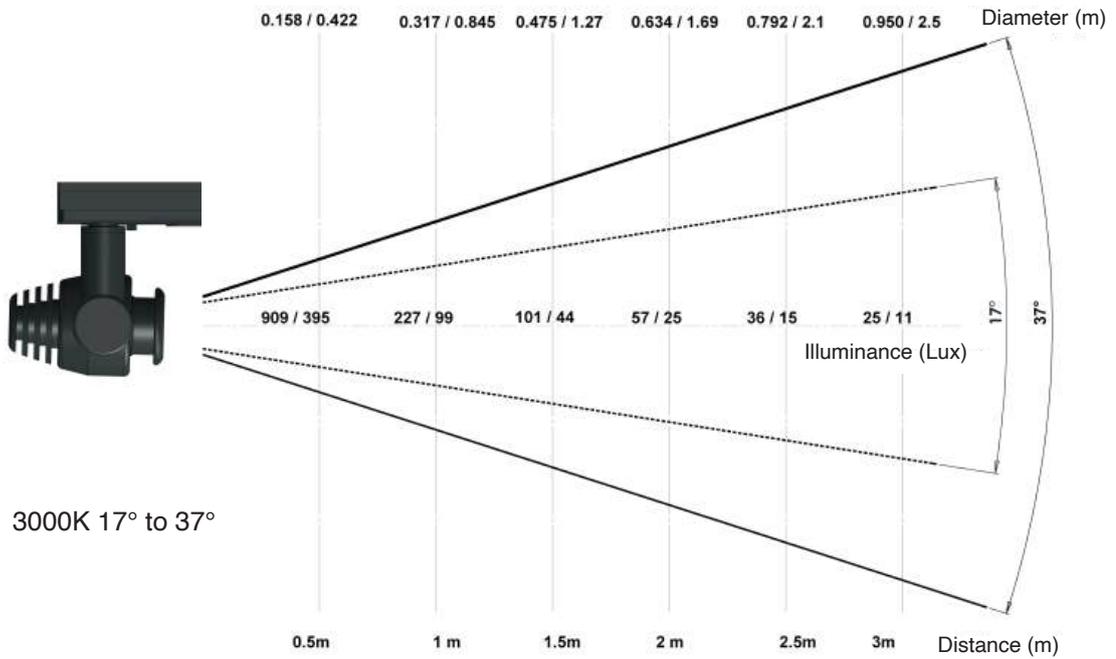
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MOOVEO 3000K 7° to 30°



MOOVEO 3000K 17° to 37°



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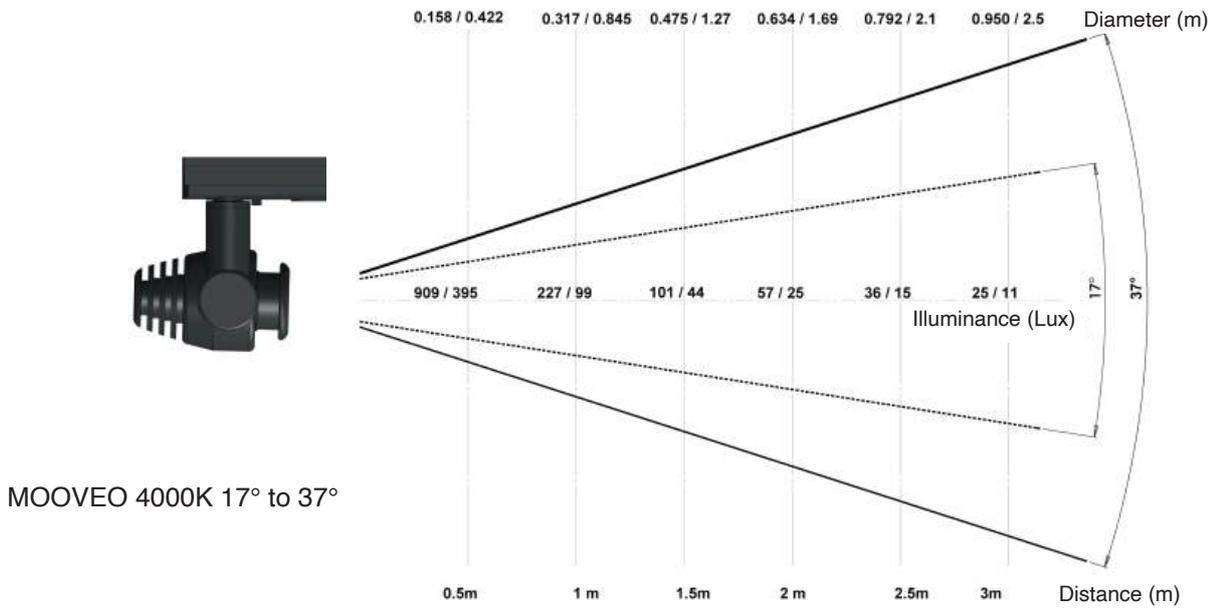
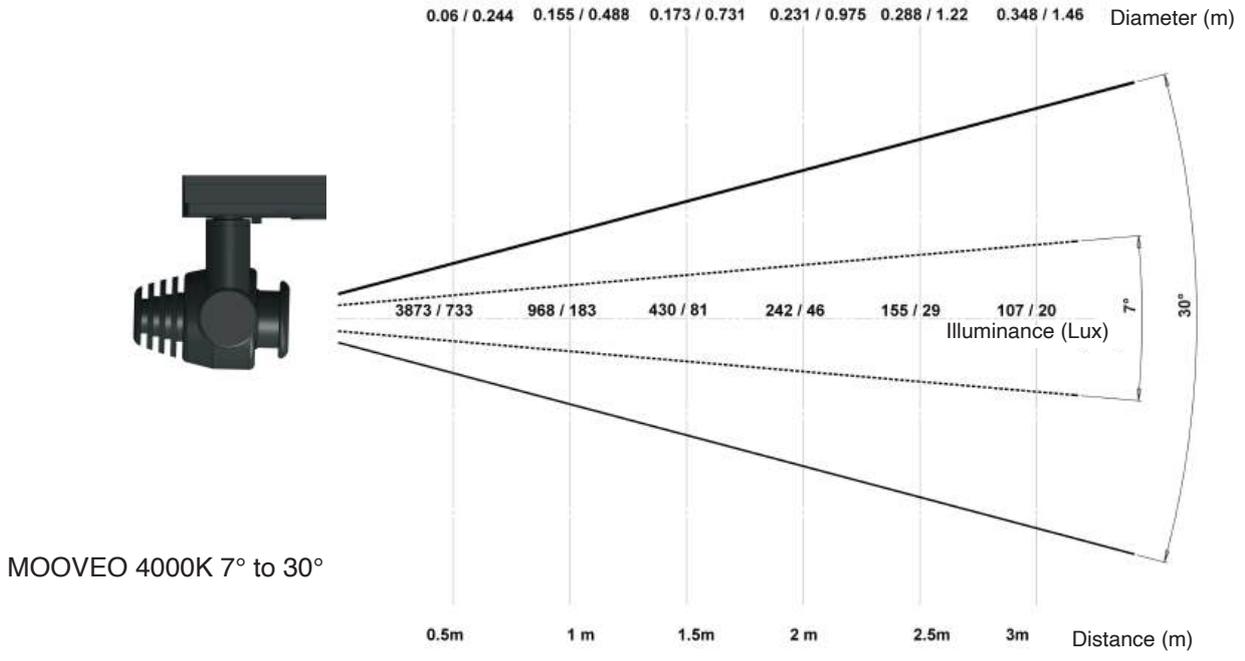
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Items references

Power Consumption	Mounting versions	Dimming / Control	Zoom	Color Temperature	Black Finish	White Finish
1,8W	Circuit Track Adaptor 12V	Potentiometer	7° to 30°	Warm White	PRI00033	PRI00919
1,8W	Circuit Track Adaptor 12V	Potentiometer	7° to 30°	Neutral White	PRI00031	PRI00920
1,8W	Circuit Track Adaptor 12V	Potentiometer	17°to 37°	Warm White	PRI00034	PRI00921
1,8W	Circuit Track Adaptor 12V	Potentiometer	17°to 37°	Neutral White	PRI00032	PRI00922
1,8W	TIEBACK	Potentiometer	7° to 30°	Warm White	PRI00923	PRI00927
1,8W	TIEBACK	Potentiometer	7° to 30°	Neutral White	PRI00924	PRI00928
1,8W	TIEBACK	Potentiometer	17°to 37°	Warm White	PRI00925	PRI00929
1,8W	TIEBACK	Potentiometer	17°to 37°	Neutral White	PRI00926	PRI00930
1,8W	JACK	Potentiometer	7° to 30°	Warm White	PRI00931	PRI00935
1,8W	JACK	Potentiometer	7° to 30°	Neutral White	PRI00932	PRI00936
1,8W	JACK	Potentiometer	17° to 37°	Warm White	PRI00933	PRI00937
1,8W	JACK	Potentiometer	17° to 37°	Neutral White	PRI00934	PRI00938

References power supply

For 1 a 28 Mooveo - 12V	ALI00129
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Maximum voltage drop : 3,5V (on the Mooveo's terminals)

Accessories references

Track Accessories

	Black Finish	White Finish
1m black track – 12V	ACC00086	ACC00316
2m black track – 12V	ACC00087	ACC00317
3m black track – 12V	ACC00088	ACC00318
End feed connector 12V – right (fig 1)	ACC00089	ACC00314
End feed connector 12V – left (fig 1)	ACC00357	ACC00358
End cap	GB 41 - 2	GB 41 -3
Straight connector 12V (electrical junction) (Fig 3)	GB 21 - 2	GB 21 - 3
Adjustable corner connector 12V (electrical junction) (Fig 4)	GB 24 - 2	GB 24 - 3
Middle feed connector 12V (fig 5)	ACC00193	ACC00315

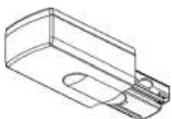


Fig 1



Fig 2

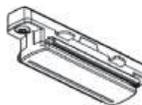


Fig 3

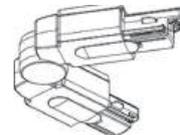


Fig 4

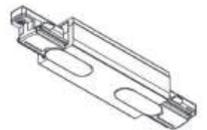


Fig 5

ZOOM

Optical Zoom from 7° to 30°	ACC00323
Optical Zoom from 17° to 37°	ACC00326



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