

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

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 : 10 rue des Marronniers 94 240 L'Hay Les Roses - France.

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

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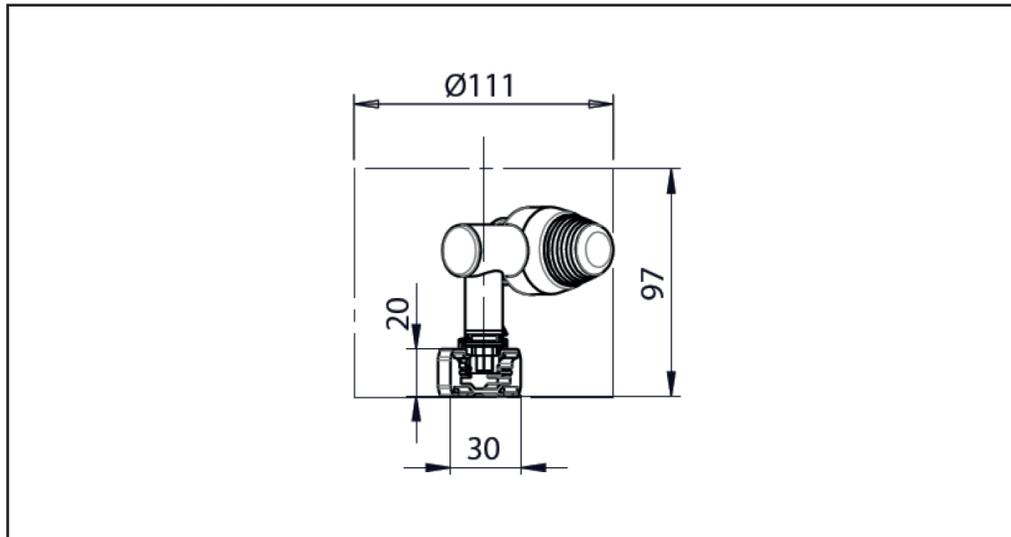
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Mounting versions

12V Track Adaptor



Accessories

Track Accessories

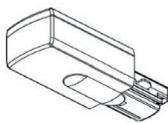


Fig 1



Fig 2

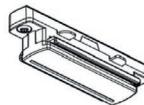


Fig 3

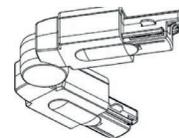


Fig 4

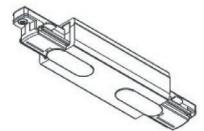
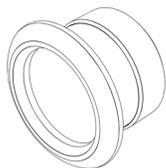
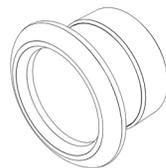


Fig 5

Zoom



Zoom 7° to 30°



Zoom 17° to 37°



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Colorimetry Data

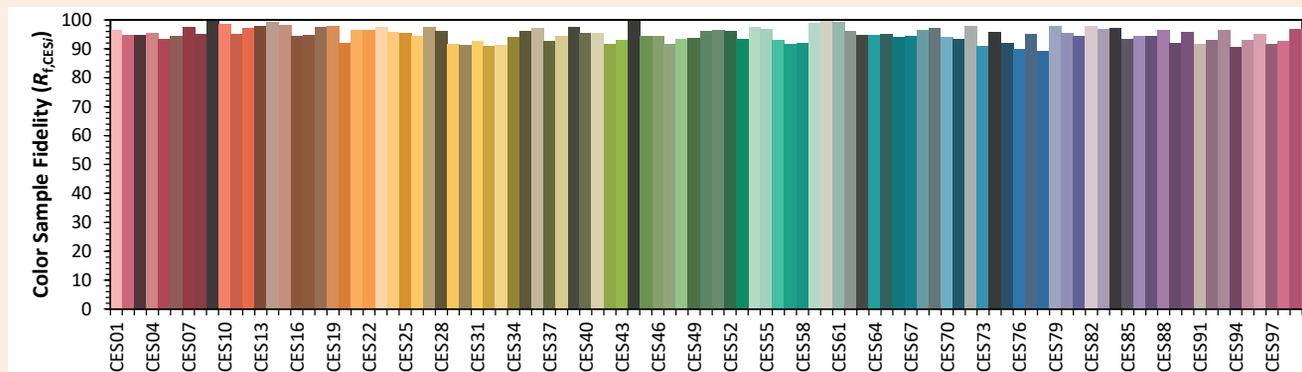
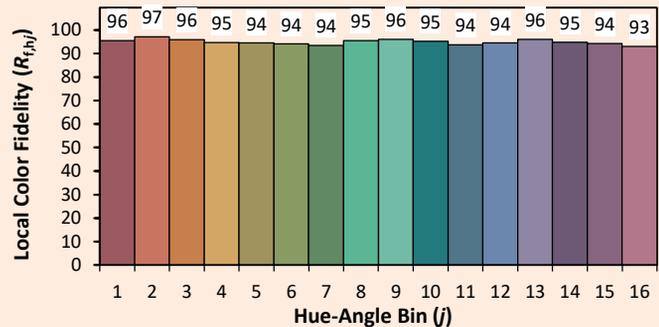
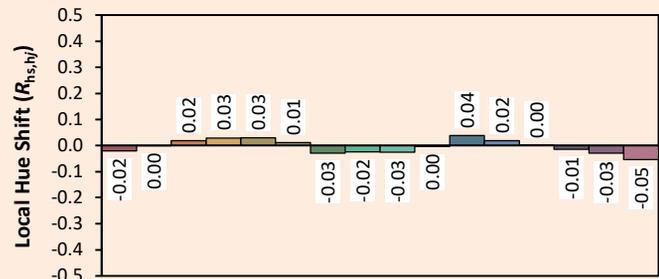
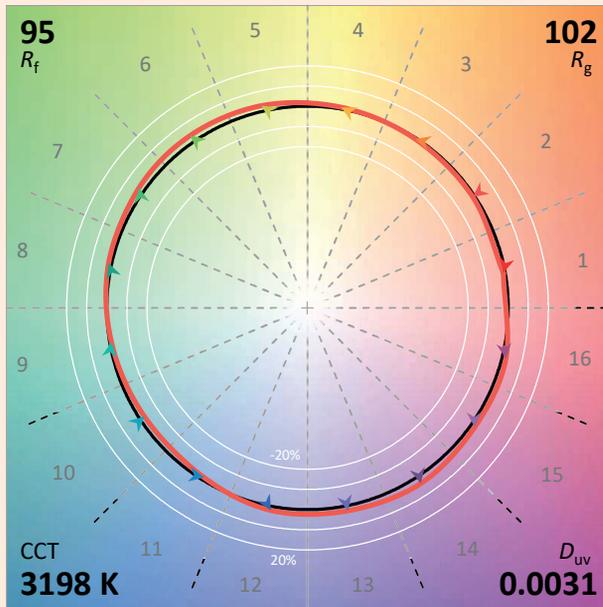
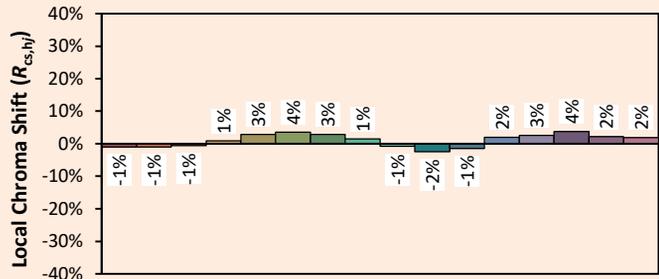
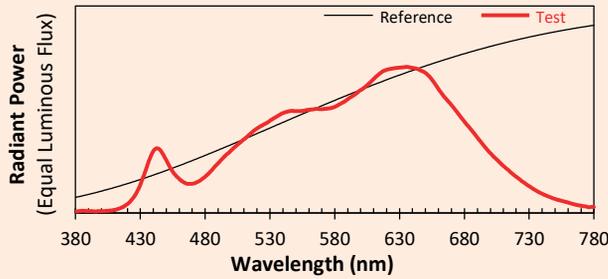


Source: Led 3000K

Manufacturer: SPX LIGHTING

Date: 22/07/2022

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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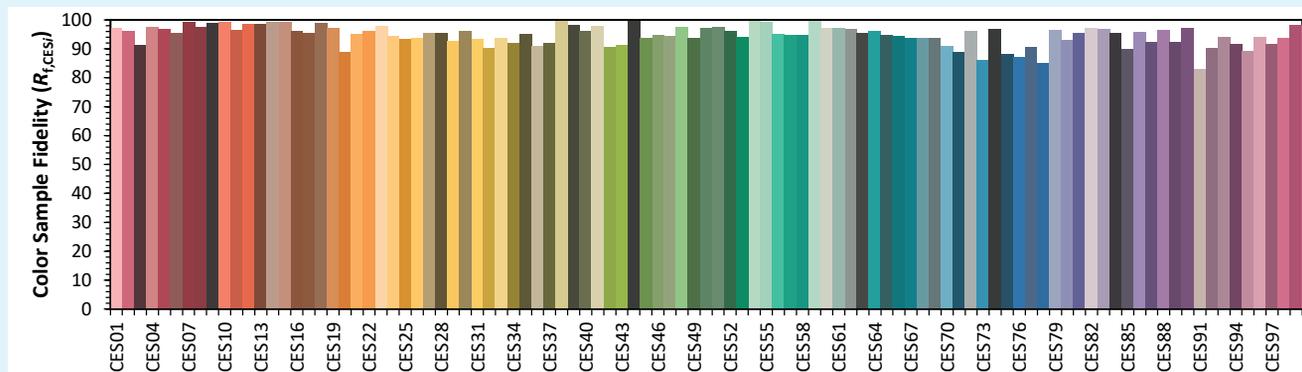
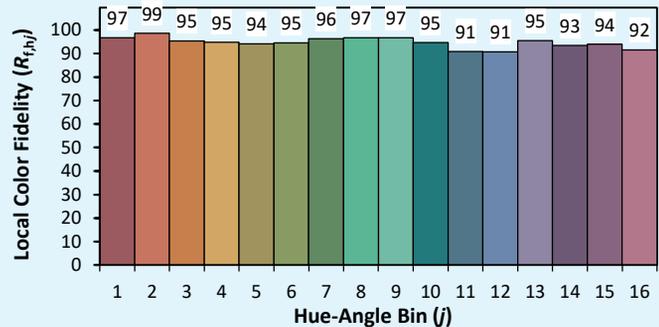
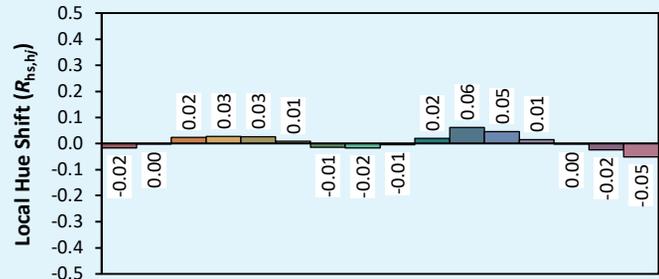
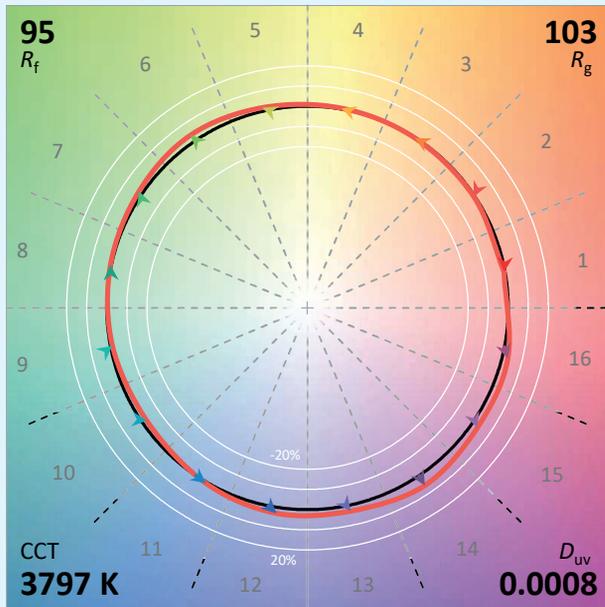
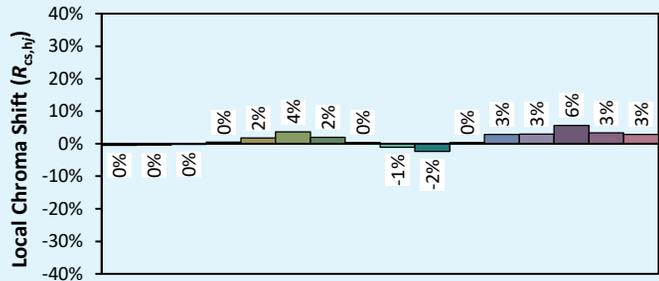
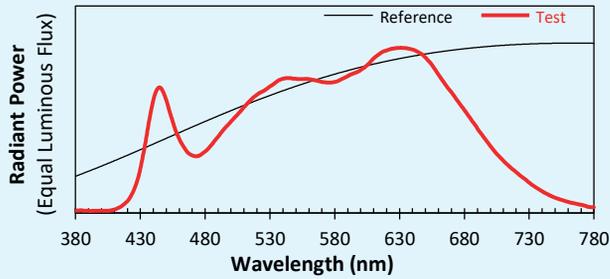


Source: Led 4000K

Date: 22/07/2022

Manufacturer: SPX LIGHTING

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
 R₉ 95



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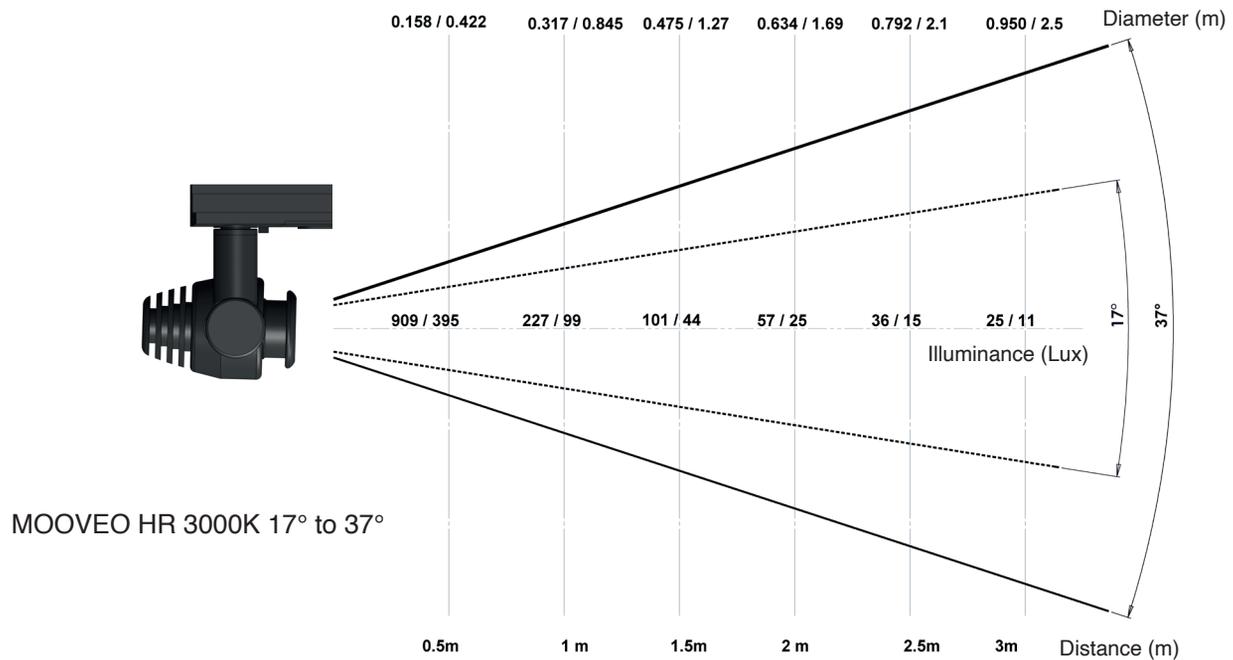
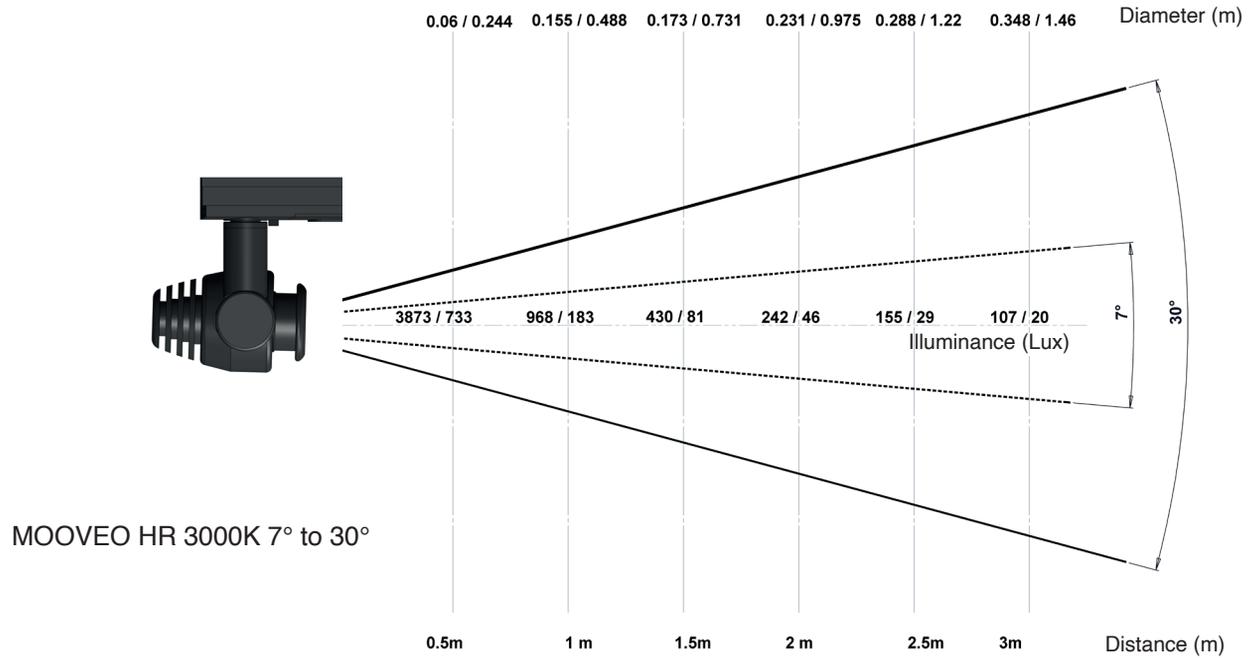
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Photometry Data



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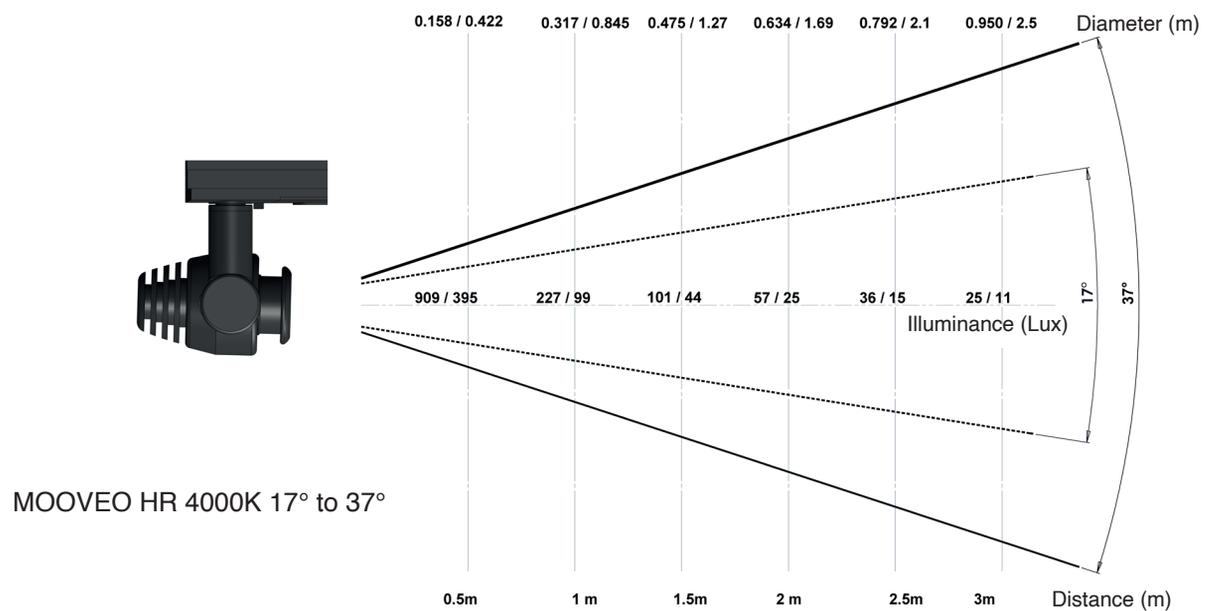
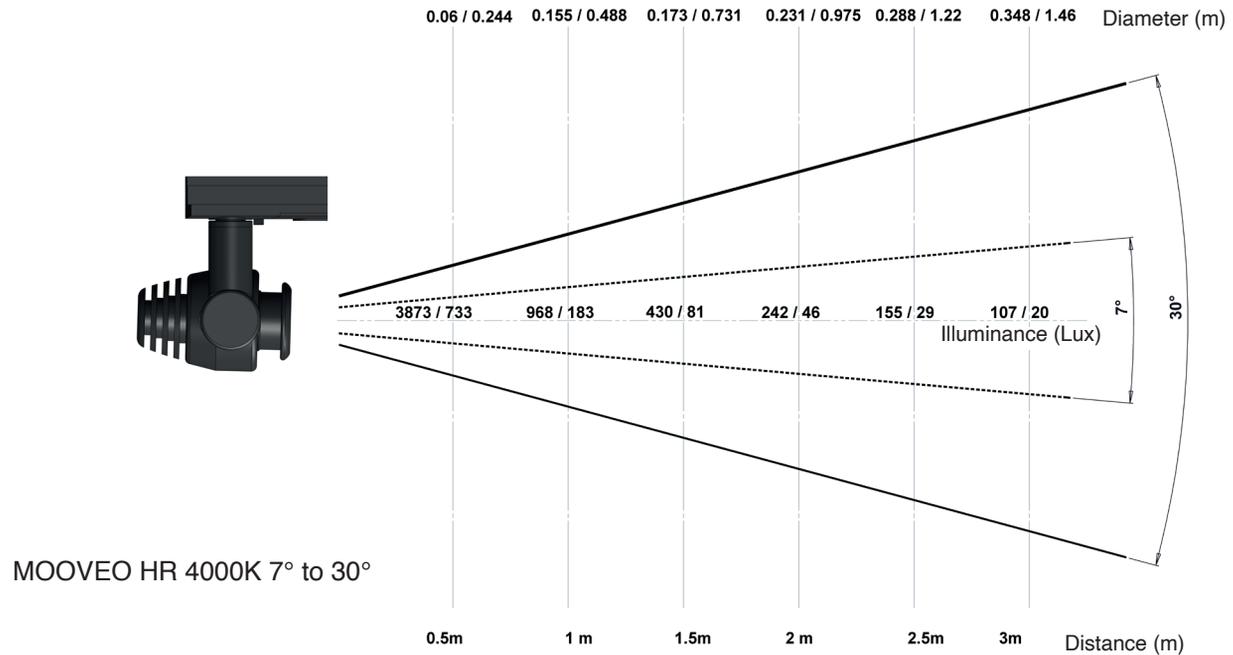
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Items references

| 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 |
|-------------------------|----------|

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 |

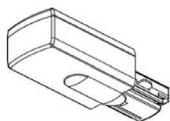


Fig 1



Fig 2

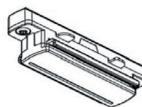


Fig 3

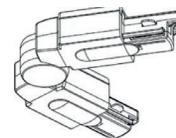


Fig 4

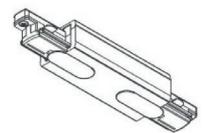


Fig 5

ZOOM

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



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