

Linear Specification

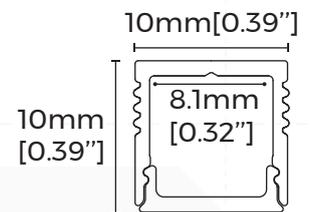
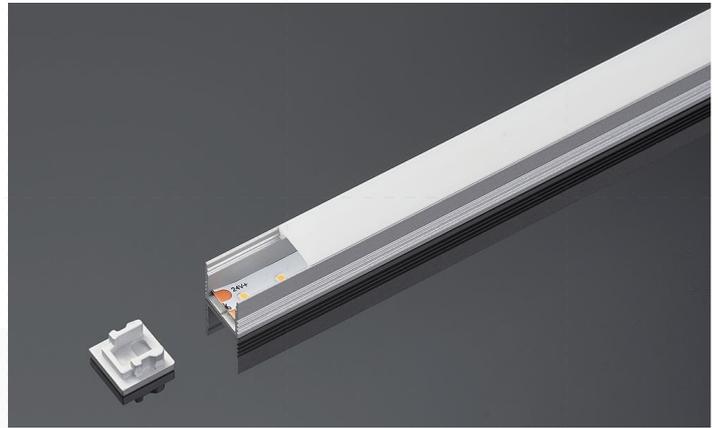
LS1010

— **ALS** series



【Basic Parameters】

- Material: AL6063-T5,spraying surface/anodizing
- Coating: Silver anodized(RAL9006),Black(RAL9005), White(RAL9003)
- Length: 2500mm/0-2500mm customizable (Other lengths on request)
- Application: Indoor
- Installation: Ceiling、Trimless recessed
- IP grade: IP20
- Certification: ROHS、Reach
- Warranty: 5 years



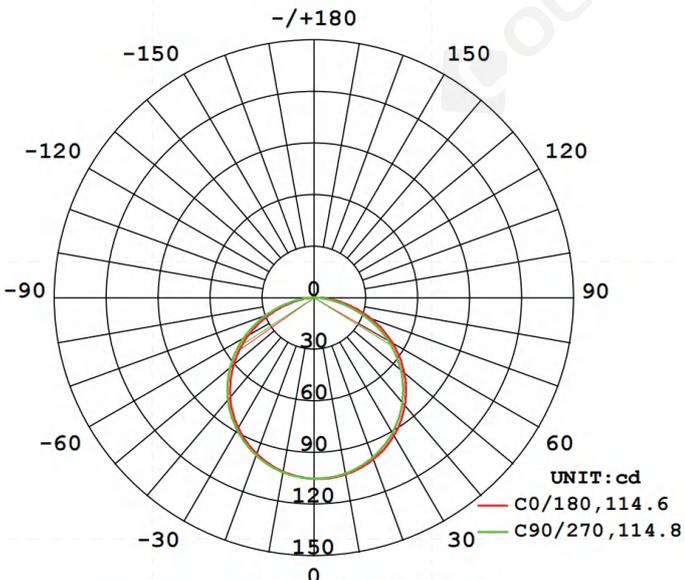
【Luminaire Parameters】

| Version | Model | Length | Input Voltage (V) | Max. Current (A/m) | Type Power (W/m) | Max. Power (W/m) | CRI | CCT | Lumen (LM/m) |
|---------|--------|-----------------|-------------------|--------------------|------------------|------------------|-----|-------|----------------|
| Regular | LS1010 | 1000mm (3.28ft) | 24 | 0.29 (0.09A/ft) | 7 (2.13W/ft) | 7 (2.13W/ft) | >90 | 2700K | 320 (98LM/ft) |
| | | | | | | | | 3000K | 330 (100LM/ft) |
| | | | | | | | | 4000K | 340 (104LM/ft) |
| | | | | | | | | 6000K | 330 (100LM/ft) |

Note:

1. The above parameters were tested based on 1M standard products and D6140-24V-8mm light source;
2. luminous flux is allowed to have a $\pm 10\%$ error range;
3. The above parameters are typical values.

[Optical Parameter]



AVERAGE BEAM ANGLE (50%) : 114.7 DEG

luminous intensity distribution diagram

Flux out: 231.7 lm

| Height | Eavg, Emax | Angle: 114.59deg | Diameter |
|--------|-----------------|------------------|-----------|
| 1m | 28.80, 105.41x | | 311.47cm |
| 2m | 7.201, 26.351x | | 622.94cm |
| 3m | 3.200, 11.711x | | 934.40cm |
| 4m | 1.800, 6.5861x | | 1245.87cm |
| 5m | 1.152, 4.2151x | | 1557.34cm |
| 6m | 0.8001, 2.9271x | | 1868.81cm |
| 7m | 0.5878, 2.1511x | | 2180.28cm |
| 8m | 0.4501, 1.6471x | | 2491.74cm |
| 9m | 0.3556, 1.3011x | | 2803.21cm |
| 10m | 0.2880, 1.0541x | | 3114.68cm |

Height

Eavg, Emax

Angle: 114.59deg

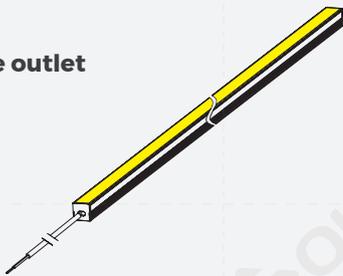
Diameter

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

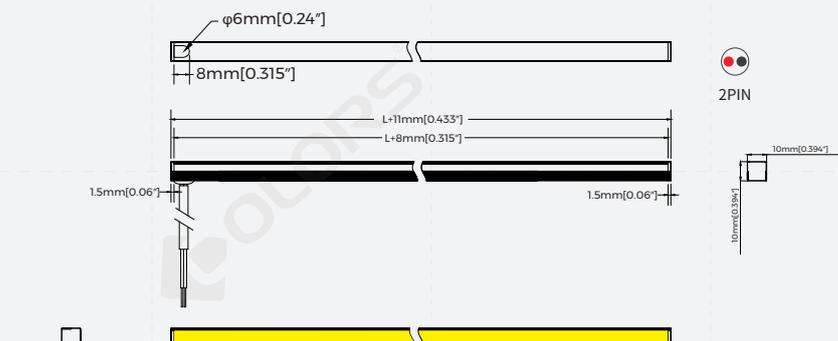
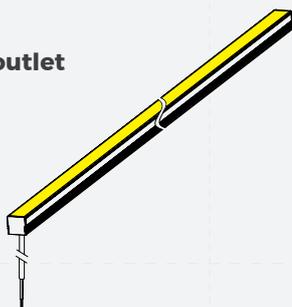
AAI Figure

[Product mechanical data]

• Straight wire outlet



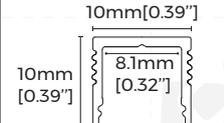
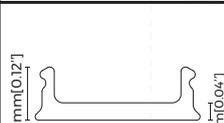
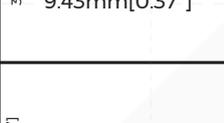
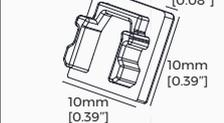
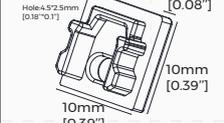
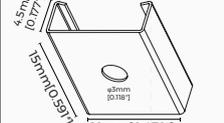
• Bottom wire outlet



[Application]



[Product Accessories Information]

| Picture | Section size | Name | Description | Model | Note |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------|
|  |  | Profile | Material: AL6063-T5 Surface processing: Anodizing Size: L2500*W10*H10mm [Inch size: L98.43**W0.39**H0.39"] | PR-LS1010 | / |
|  |  | Diffuser | Material: PC Light transmittance: >75% Size: L2500*W9.43*H3.06mm [Inch size: L98.43**W0.37**H0.12"] PC feature: The diffuser will extend (shrink) 0.8mm/m when the temperature raises (drops) 10°C. | CV-LS1010 | / |
|  |  | Black Prismatic | Material: PC Light transmittance: >10% Size: L2500*W9.43*H3.06mm [Inch size: L98.43**W0.37**H0.12"] PC feature: The diffuser will extend (shrink) 0.8mm/m when the temperature raises (drops) 10°C. | CV-LS1010 | / |
|  |  | Holeless end cap | Size: L10*W10*H8mm [Inch size: L0.39**W0.39**H0.31"] | EC-LS1010 | / |
|  |  | End cap with hole | Size: L10*W10*H8mm [Inch size: L0.39**W0.39**H0.31"] Hole size: 4.5*2.5mm [Hole inch size: 0.18**0.1"] | EC-LS1010 | / |
|  |  | Clip | Size: L12*W15*H4.5mm [Inch size: L0.472**W0.591**H0.177"] Hole size: ϕ 3mm [Hole inch size: ϕ 0.118"] | CP-36 | / |
|  |  | FPC strip | Material: FPC CCT: 2700/3000/4000/6000K; CRI > 90; Voltage: 24V; Power: 6.6W/m; Lumen: 710Lm/m; Width: 8mm; Minimum cutting unit: 50mm; | D6140-24V-8mm | / |

[Packing]

• Standard single-packed

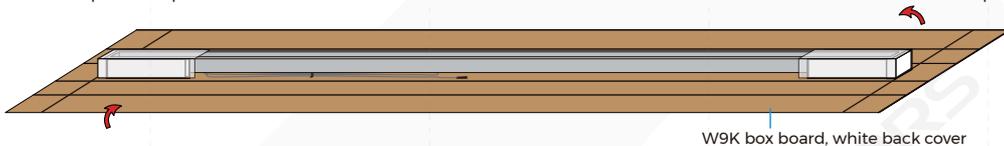
1. Tightly twine and fix the magnetic end caps and profile with wrapping film to prevent plastic end caps from displacement and crush, and sheathe the luminaire with PE tube.



2. Put the product upside down on 15mm thick poly-foam and stuff 22mm thick poly-foam at two ends, surround the sides with poly-foam and bundle it with wrapping film.



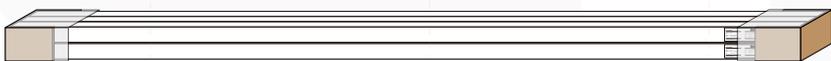
3. Then put it upside down onto a 3mm thick W9K box board, and fold the board to wrap the product.



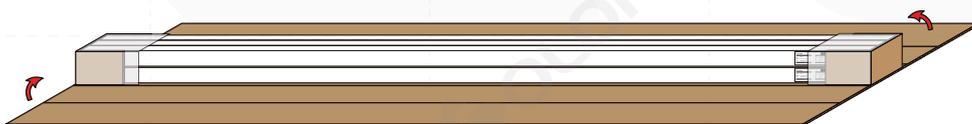
4. Seal the edge with tape and paste the product information label.



5. Place the packed white boxes in bundles as per standard quantity and requirements. Stuff the two ends with paper sheath and bundle them with wrapping film.



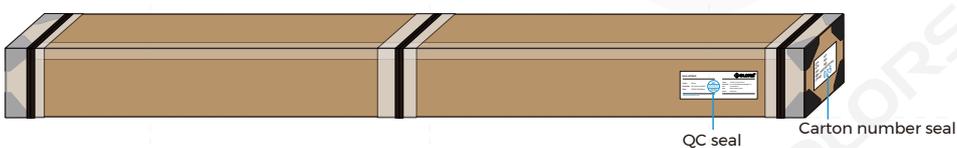
6. Place the bundled product on carton board with creasing cuts and wrap it.



7. Seal the carton and sheathe it with protective corners and wrapping film to finish the package.



8. Label and stamp QC and carton number seals (COLORS label, quantity, net and gross weight label)



[Packing]

• Standard carton-packed

1. Stuff 0.7mm thick poly-foam in between profiles, several pieces a layer, a layer a bundle.



2. Place the bundles onto carton board as per specified number and layers.



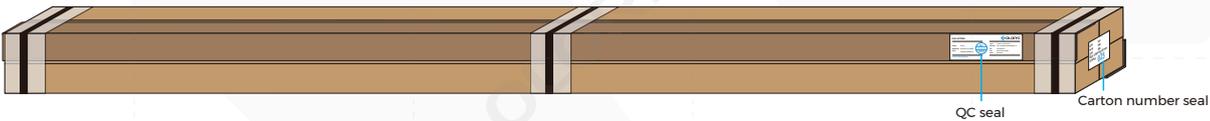
3. Wrap paper sheath around both ends, fill 30mm thick poly-foam into the sheath, and bundle it with wrapping film.



4. Place the bundled product on carton board with creasing cuts and wrap it, then seal with wide tape.



5. If many profiles to be packed, bundle the above each four packed bundles together and sheathe them with two L-shaped protective corners (bend-proof), twine with wrapping film and label.



If a few profiles to be packed, directly sheathe the packed bundle with two L-shaped protective corners (bend-proof), twine with wrapping film and label.



[Packing]

| Model | Demension (mm) | Quantity /box | Quantity /carton | NW (kg) | NW /carton/(kg) | GW (kg) | Carton size (mm) |
|------------------------|----------------------------------|---------------|------------------|---------|-----------------|---------|----------------------------------|
| ALS-LS1010FDXSS2500-DC | 2500*10*10 [98.43**0.4**0.4"] | 1 | 60 | 0.4 | 24 | 27 | 2600*230*180 [102**9**7"] |
| ALS-LS1010FDXSS2500-BC | 2500*10*10 [98.43**0.4**0.4"] | 1 | 1 | 0.4 | 0.4 | 1.0 | 2600*16*16 [102**0.63**0.63"] |

[Attentions]

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use