

DLD LIGHTFLOW

CSP 14W CRI90 IP66

LINEAR LED TAPE

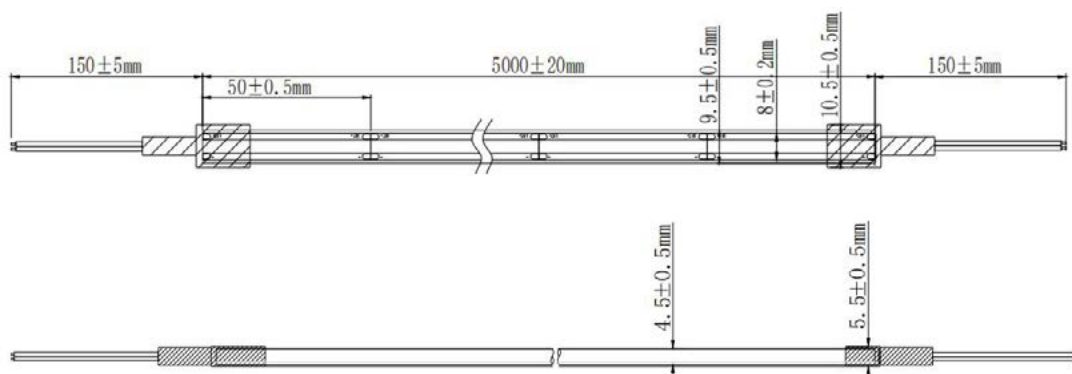
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DETAILS

LED/m	480
Light beads	CSP
Power m $\pm$ 10%	14.4W
Voltage	24V
IP Rating	IP66
CRI	>90
Standard reel length (10% voltage drop)	5m reel
PCB width	8mm (10.5mm with IP covering)
Cut size	50mm
Tail length	150mm

DIMENSIONS



2700K



3000K

SPECIFICATION

CCT	Power W/m	Lm/W	Lm/m	DC	CRI / R9
2700K	14.4W/m	81 lm/W	1166 lm/m	24V	>90 / >40
3000K	14.4W/m	83 lm/W	1195 lm/m	24V	>90 / >40



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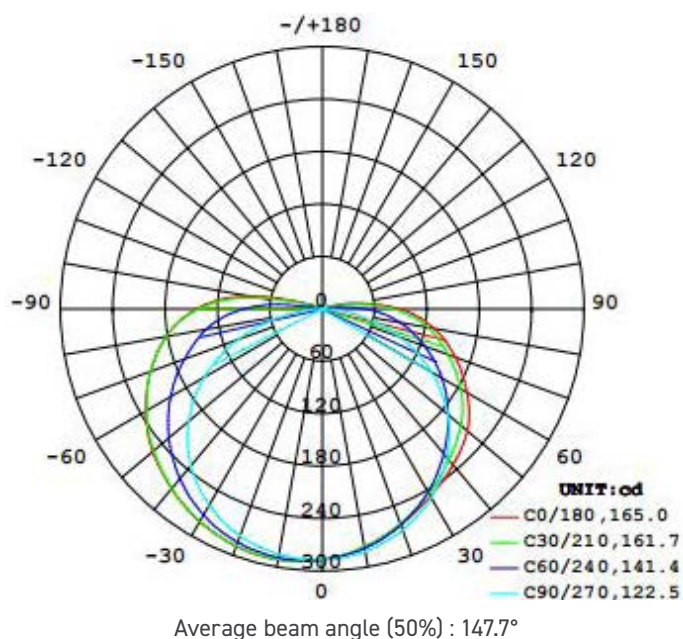
STANDARDS

Protection Class: EN 60529
Safety Requirements: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics: EN 55015
ROHS: Yes

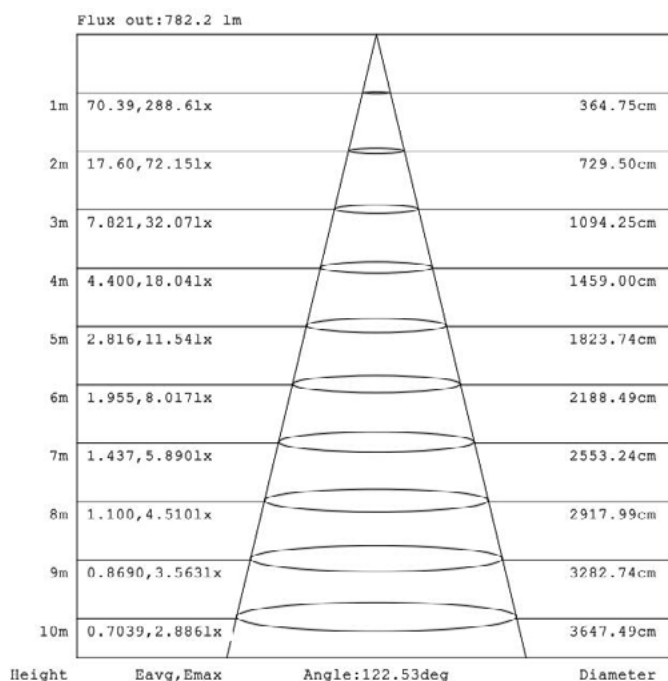
Reach: Yes
UKCA: Yes
LM-80: Yes
CE: Yes
UL: Yes

LIGHT DISTRIBUTION

B Plane Distribution Diagram

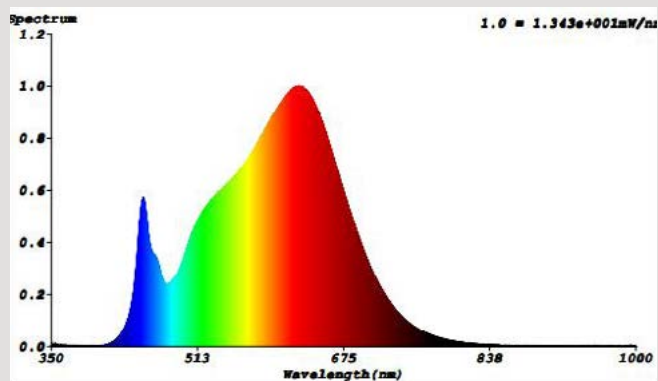


Illuminance Distance Curve

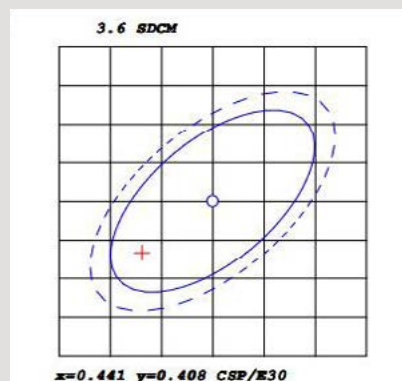


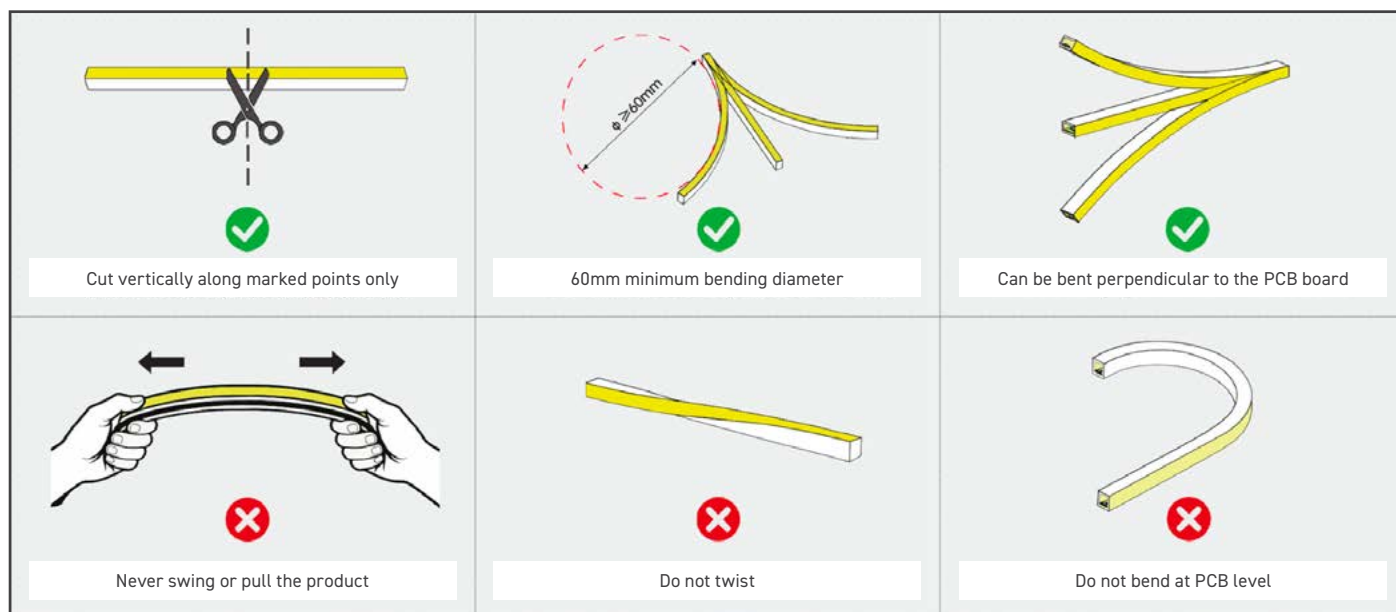
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Spectral Distribution



CIE1931 Chromaticity Diagram



INSTRUCTIONS

Please read before installation:

1. Must be installed by a qualified professional.
2. Make sure the product is disconnected from the power supply during installation.
3. Installing the product with the power on is dangerous, and can cause product damage and failure.
4. Do not use any organic chemical solvent on the product, including strong acid and alkali products.
5. Do not disassemble or modify the product. Do not use sharp objects on the surface of the LED.
6. When cutting the tape to size, ensure the product is not connected to the circuit. Cut only at the designated marked cut points. Ensure effective insulation, waterproofing and anticorrosion treatment is applied to the cut area.
7. The folding angle of all parts of the LED tape must be greater than 60°. A bending angle less than 60° can cause product damage and failure. Before connecting to the power supply, ensure that the line is installed correctly and confirm that the parameters meet the requirements:
 - the voltage is not higher than the rated voltage 0.5V
 - the power supply shall not run at full load
8. Installation and maintenance should only be performed by a qualified professional electrician work.
9. When the power is more than 14.4W, it is necessary to support cooling profiles to avoid product failure caused by high temperature. The ambient temperature of the LED tape ranges from -20°C to 45°C. Exceeding the ambient temperature will cause the product to fail.

The data is typical value - due to tolerances the electrical power can be ±10%.

Brightness and colour temperature tests with a difference of less than 10% are within the normal range.

No need for additional heat sink up to 14.4 W/m (4.39W/ft). If more than 14.4 W/m a suitable heat sink must be used.

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