ELS16X495-01CCP30

LINEAR LED MODULE



Linear luminaire | Drum luminaire | Ring luminaire | Batten luminaire

VOLTAGE / CURRENT (50 cm)	POWER (50 cm)	DIMENSIONS	CCT / lm / lm/W (50 cm)
30 V · 350 mA	10.5 W	16 × 495 mm	2700 K: 1420 / 135 3000 K: 1480 / 141 4000 K: 1550 / 147 6500 K: 1550 / 147

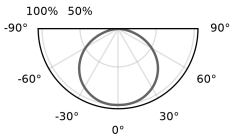
TECHNICAL DATA

Module Product Code	**ELS16X495-01CCP30**
Applications	Linear, batten, ring and drum luminaires
Photometric Data	
Colour Temperatures	2700 / 3000 / 4000 / 6500 K
Colour Consistency	MacAdam Step-3
Luminous Flux (50 cm)	1420 / 1480 / 1550 / 1550 lm
CRI [Ra]	80
Efficacy [lm/W]	135 / 141 / 147 / 147
Beam Angle	120° (typical LED)
Life L80B10C1 [hours]	40,000
Electrical Data - typical at 25 °C	
Operating Mode	Constant current
Voltage (50 cm)	30 V
Current (50 cm)	350 mA
Power (50 cm)	10.5 W
Dimming	With compatible driver
Circuit / LED Current	10S × 3P / 116.67 mA / LED

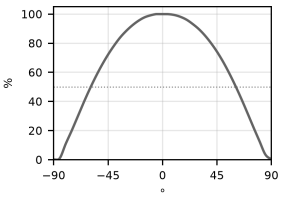
Dimensions / Mechanical Data		**Components / Packages / Temperature**	
Width	16 mm	LED / Package	3AAT / 2835
Length	495 mm	Resistor	Identification only
Thickness	1.6 mm	Connector	4 pcs
PCB Material	CEM-1 / FR4	Operating Temperature [Tc]	-40 … +85 °C
LED Count	30 / 50 cm	Ambient Temperature	-40 … +50 °C
V-cut (catalogue nominal)	49.5 mm	Source	DS522-1 / Fig.7

TYPICAL DISTRIBUTION OF THE LED USED

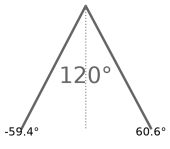
Polar Distribution



Angle - Relative Intensity



50% Intensity Angle



Schematic angle display

Bridgelux DS522-1 Rev.B, p.12 Fig.7; curve at 150 mA, Tsp=25 °C. Not a module/luminaire measurement.

30 V / 10.5 W; 350 mA, 10S3P. Approved catalogue flux retained; not a new module measurement.

