ELS16X600-01CCG36

LINEAR LED MODULE



Linear luminaire | Drum luminaire | Ring luminaire | Batten luminaire

VOLTAGE / CURRENT (60 cm)	POWER (60 cm)	DIMENSIONS	CCT / lm / lm/W (60 cm)
27 V · 350 mA	9.45 W	15.8 × 600 mm	2700 K: 1440 / 152 3000 K: 1507 / 159 4000 K: 1575 / 167 6500 K: 1575 / 167

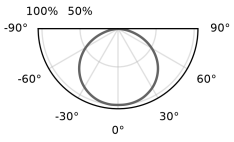
TECHNICAL DATA

Module Product Code	**ELS16X600-01CCG36**
Applications	Linear, batten, ring and drum luminaires
Photometric Data	
Colour Temperatures	2700 / 3000 / 4000 / 6500 K
Colour Consistency	MacAdam Step-3
Luminous Flux (60 cm)	1440 / 1507 / 1575 / 1575 lm
CRI [Ra]	80
Efficacy [lm/W]	152 / 159 / 167 / 167
Beam Angle	120° (typical LED)
Life L80B10C1 [hours]	40,000
Electrical Data - typical at 25 °C	
Operating Mode	Constant current
Voltage (60 cm)	27 V (nom.)
Current (60 cm)	350 mA
Power (60 cm)	9.45 W (nom.)
Dimming	With compatible driver
Circuit / LED Current	9S × 4P / 87.5 mA / LED

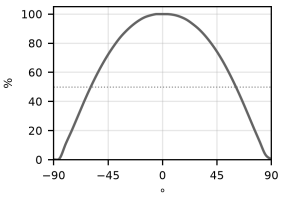
Dimensions / Mechanical Data		**Components / Packages / Temperature**	
Width	15.8 mm	LED / Package	3AAT / 2835
Length	600 mm	Resistor	Identification only
Thickness	1.6 mm	Connector	4 × WAGO
PCB Material	CEM-1	Operating Temperature [Tc]	-40 … +85 °C
LED Count	36 / 60 cm	Ambient Temperature	-40 … +50 °C
V-cut (catalogue nominal)	66.7 mm	Source	DS522-1 / Fig.7

TYPICAL DISTRIBUTION OF THE LED USED

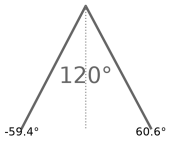
Polar Distribution



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.

27 V / 9.45 W nominal; 350 mA, 9S4P. Flux: typical LED total at 25 °C; optical/thermal losses excluded.

