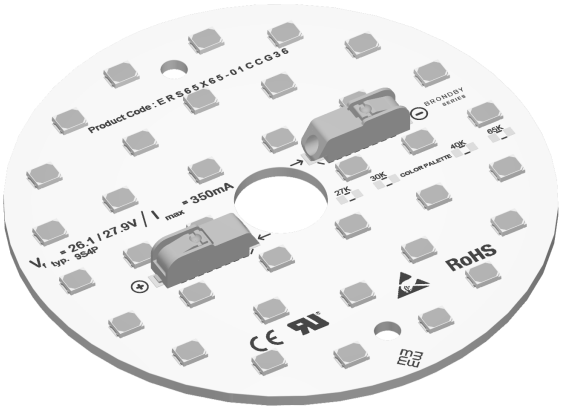
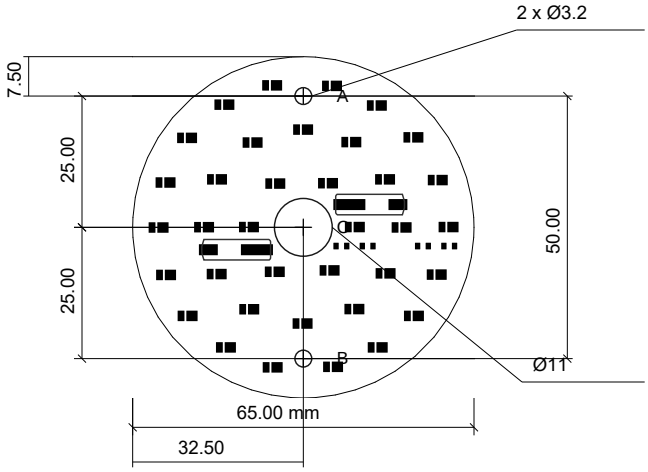
ERS65X65-01CCG36

ROUND LED MODULE

Downlight Spotlight



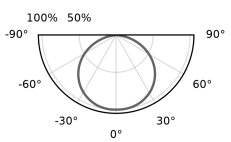


VOLTAGE / CURRENT (1 item)	POWER (1 item)	DIMENSIONS	CCT / lm / lm/W (1 item)
25.86 V · 350 mA	9.05 W	65.00 × 1.6 mm	2700 K: 1440 / 159 3000 K: 1507 / 167 4000 K: 1575 / 174 6500 K: 1575 / 174

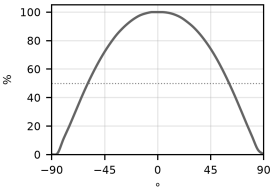
Module Product Code	**ERS65X65-01CCG36**		
Applications	Downlights and spotlights		
Photometric Data			
Colour Temperatures	2700 / 3000 / 4000 / 6500 K		
Colour Consistency	MacAdam Step-3		
Luminous Flux (1 item)	1440 / 1507 / 1575 / 1575 lm		
CRI [Ra]	80		
Efficacy [lm/W]	159 / 167 / 174 / 174		
Beam Angle	120° (typical LED)		
Life L80B10C1 [hours]	40,000		
Electrical Data - typical at 25 °C			
Operating Mode	Constant current		
Voltage (1 item)	25.86 V		
Current (1 item)	350 mA		
Power (1 item)	9.05 W		
Dimming	With compatible driver		
Circuit / LED Current	9S × 4P / 87.50 mA / LED		
Dimensions / Mechanical Data		**Components / Packages / Temperature**	
Width	65.00 mm	LED / Package	3AAT / 2835
Length	65.00 mm	Resistor	None
Thickness	1.6 mm	Connector	2 × WAGO
PCB Material	Aluminium	Operating Temperature [Tc]	-40 … +85 °C
LED Count	36	Ambient Temperature	-40 … +50 °C
Mounting holes	2 × Ø3.2 + Ø11	Source	DS522-1 / Fig.7

TYPICAL DISTRIBUTION OF THE LED USED

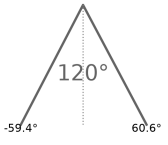
Polar Distribution



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.

Flux and power: typical 25 °C calculation; equal sharing in 4 parallel LEDs. Optical, driver and thermal losses excluded.