

Lighting element



Identification	Type Part-No.	BLE-6325 716325
Use/Area of application		
Description	LED-technology lighting unit for use outdoors with integrated dimming function.	
Technical data		
Nominal voltage U_N	DC 24 V – 36 V	
Voltage range	DC 16.8 V – 45.0 V	
Rated current (at U_N)	approx. 55 mA @ 24 V	
Light element(s)	High-performance white LED	
CIE colour-system coordinates	x = 0.33 / y = 0.33	
Protection device	Reverse voltage protection, Overvoltage protection	
mean luminosity	approx. 55 Lux @ 0.5 m	
Regulation of luminosity	external potentiometer	
General		
Termination	M12 Plug connector, 4-pin, A-coded	
Housing material	Profiled tube: Aluminium / end caps: PA6 GF / encapsulation 2K PUR	
Field instalation	Screw mounting by means of mounting bracket, housing can be adjusted using a lateral knurled screw	
Protection class	IP 67	
Operation temperature range	-40 °C – 70 °C (+85 °C 10 min)	
Storage temperature range	-40 °C – 85 °C	
Dimension (d x l)	30.0x141.0 mm	
Weight (kg/piece)	0.112 (kg/piece)	
Standards	Electronic equipment on railway vehicles: EN50155:2007-07 Electromagnetic compatibility: EN50121-3-2: 2006-07 Insulation coordination: EN50124-1:2001-03 Vibrations and shocks: EN61373:1999-04	
Miscellaneous		

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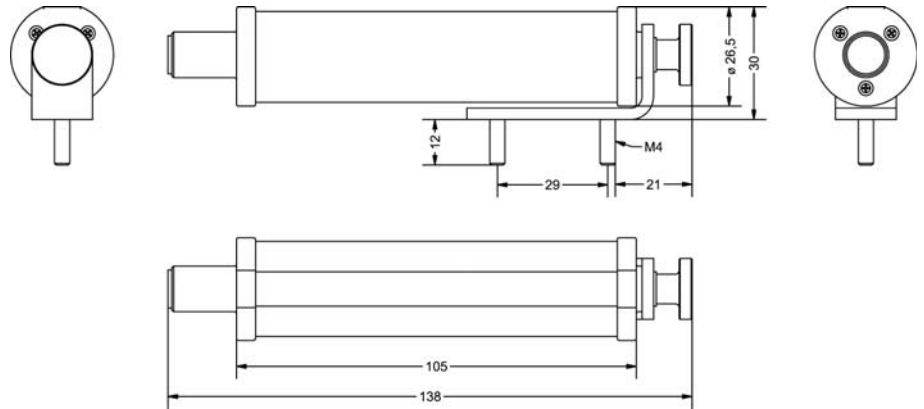
Comments

If no potentiometer is connected, the lighting element works at full luminosity.

Note on eye safety:

The LEDs used in this product meet the standards of the risk group "low risk" according to CIE S009/E2002. Thus, in real conditions this product poses no danger to the eyes whatsoever.

Dimensions



Circuit diagram

