

- CE  US UK
CA

Technical drawing of the LED light fixture showing front and side views with dimensions.

Front View Dimensions:

- Overall width: 50
- Overall height: 25
- Distance from left edge to LED: 25
- LED diameter: 8
- Distance from LED to right edge: 8
- Distance from left edge to mounting hole center: 10
- Mounting hole diameter: $\varnothing 7.4$
- Distance from mounting hole center to LED: 15
- Distance from mounting hole center to right edge: 15
- Distance from LED to right edge: 7.2
- Distance from mounting hole center to right edge: 4.2
- Distance from LED to right edge: 15

Side View Dimensions:

- Overall height: 10
- Distance from top edge to mounting hole center: 4.3
- Mounting hole diameter: $\varnothing 7.3$
- Distance from mounting hole center to LED: 3
- Distance from LED to right edge: 4

Other Dimensions:

- Overall length: L
- Mounting thread: M12 x 1

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Rated operating distance	s _n	8 mm
Installation		flush
Output polarity		DC
Assured operating distance	s _a	0 ... 6.48 mm
Reduction factor r _{Al}		0.3
Reduction factor r _{Cu}		0.2
Reduction factor r ₃₀₄		0.6
Output type		3-wire
Nominal ratings		
Operating voltage	U _B	10 ... 30 V DC
Switching frequency	f	0 ... 350 Hz
Hysteresis	H	typ. 5 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing

Technical Data

Voltage drop	U_d	$\leq 3 \text{ V}$
Operating current	I_L	0 ... 200 mA
Off-state current	I_r	0 ... 0.1 mA
No-load supply current	I_0	$\leq 10 \text{ mA}$
Time delay before availability	t_v	$\leq 50 \text{ ms}$
Switching state indicator		LED yellow
Functional safety related parameters		
MTTF _d		1171 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		-35 ... 70 °C (-31 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Connection type		fixed cable with plug
Housing material		PBT
Sensing face		PBT
Degree of protection		IP67
Connector		
Threading		M12 x 1
Number of pins		4
Cable		
Material		PVC
Number of cores		3
Core cross section		0.34 mm ²
Length	L	0.2 m
Dimensions		
Height		25 mm
Width		50 mm
Length		10 mm
Note		Tightening torque: 5 Nm

Connection

