

HLS28 LED Strip Light



Hazardous Enclosure LED Strip Light

- Nine single-color models and three multicolor models available in lengths from 145 mm to 570 mm
- Available with integrated motion sensor for auto-on, when the enclosure door is opened, or anytime motion is detected
- Single-color models have Hi/Lo/Off dimming capability for additional energy savings and customization
- Automatic temperature protection built into the unit
- Triple certification, cULus, ATEX, and IECEx, for global use inside appropriately rated enclosures

HLS28 LED Strip Light Models

Single-Color White Models

HLS28XW145XMQ	HLS28CW285XMQ
HLS28XW145XM*	HLS28XW285XQ
HLS28XW285XM*	HLS28XW430XMQ
HLS28XW285XMQ	HLS28XW570XMQ
HLS28XW285DXMQ	HLS28XW570XQ

*Cabled models

Single-Color Model Description

HLS28	Product family of the light	D	D = Diffused plastic window [Blank] = Clear plastic window
X	X = Non-cascadable C = Cascadable	X	Non-sealed construction
W	Cool white light	M	M = Motion switch control [Blank] = No motion switch control
285	Length in millimeters (mm)	Q	Integral 4-Pin M12 quick disconnect connection

Multicolor Models

HLS28XWGRXX3-285X24Q
HLS28XWYRXX3-285X24Q
HLS28XWGRYB5-285X24Q

Multicolor Model Description

HLS28	Product family of the light	X	Non-sealed construction
X	Non-cascadable	24	Voltage in volts (V)
WGRXX3	WGRXX3 = White, Green, & Red with override control WYRXX3 = White, Yellow, & Red with override control WGRYB5 = White, Green, Red, Yellow, & Blue with binary control	Q	Integral 4-Pin M12 quick disconnect connection
-285	Length in millimeters (mm)		

Specifications



Operating Voltage	12 V dc to 30 V dc
LED Lifetime	$L_{70} = 50,000$ hours
Efficacy	110 Lumens/Watt
Lumens	800 per foot ($\pm 5\%$)
Operating Conditions	With Motion: -20 to $+60$ °C Without Motion: -40 to $+70$ °C
Certifications	<p>NEC and CEC: With Motion: -20 °C $\leq T_a \leq +60$ °C Without Motion: -40 °C $\leq T_a \leq +70$ °C Gas & Vapors: Class I Div 2 ABCD T4</p> <p>ATEX/IECEX (Group IIC Zone 2): With Motion: -20 °C $\leq T_a \leq +60$ °C Without Motion: -40 °C $\leq T_a \leq +70$ °C Gas & Vapors: II 3 G Ex ec IIC T4 Gc</p>

Single-Color

Operating Voltage	12 V dc to 30 V dc
LED Lifetime	$L_{70} = 50,000$ hours
Efficacy	110 Lumens/Watt
Lumens	800 per foot ($\pm 5\%$)
Operating Conditions	With Motion: -20 to $+60$ °C Without Motion: -40 to $+70$ °C

Multicolor

Operating Voltage	24 V dc
LED Lifetime	$L_{70} = 50,000$ hours
Efficacy	85 Lumens/Watt
Lumens	145-650 per foot (dependent on color)
Operating Conditions	-40 to $+50$ °C

NEC and CEC:

Without Motion: -40 °C $\leq T_a \leq +50$ °C
Gas & Vapors: Class I Div 2 ABCD T4
ATEX/IECEX (Group IIC Zone 2):
Without Motion: -40 °C $\leq T_a \leq +50$ °C
Gas & Vapors: II 3 G Ex ec IIC T4 Gc



Accessories



SMBWLS28RA



SMBWLS28SM



SMBWLS28SP



SMH1316



4-Pin M12
Straight connector models listed; for right-angle models, add **RA** to the end of model number (example, **MQDC-406RA**)

MQDC-406
2 m (6.5')
MQDC-415
5 m (15')
MQDC-430
9 m (30')



4-Pin Double-Ended
Male straight connector to female straight connector

MQDEC-401SS
0.3 m (1')
MQDEC-403SS
0.91 m (3')
MQDEC-406SS
2 m (6.5')
MQDEC-412SS
3.7 m (12')



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