

Specifications



Photo is representative



Eaton 171430

Eaton Moeller® series SL7 Continuous light module, white, high power LED, 24 V

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Continuous light module
CATALOG NUMBER	171430
MODEL CODE	SL7-L24-W-HP
EAN	4015081677627
PRODUCT LENGTH/DEPTH	73 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	73 mm
PRODUCT WEIGHT	0.088 kg

CERTIFICATIONS

Certified by UL for use in Canada
IEC/EN 60947-5-1
CSA-C22.2 No. 94-91
IEC/EN 60529
UL Category Control No.: NKCR
CSA-C22.2 No. 14-10
UL File No.: E29184
UL
CSA Class No.: NKCR7
UL 508
CE
UL report applies to both US and Canada



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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	60 °C
AMBIENT OPERATING TEMPERATURE - MIN	-30 °C
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Features & functions

COLOR	Other
ENCLOSURE COLOR	Black
FUNCTIONS	Continuous light
LIGHT MODULES	High Performance LED
NUMBER OF MODULES	Max. 5 (with standard base) Max. 10 (with base for mounting on both sides)

Electrical rating

LEAKAGE CURRENT	0.003 A
RATED INSULATION VOLTAGE (UI)	250 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	26 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MIN	18 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MAX	30 V
RATED OPERATIONAL VOLTAGE (UE) AT DC - MIN	18 V

General information

CONNECTION TO SMARTWIRE-DT	No
CURRENT CONSUMPTION	50 mA at 24 V AC/DC
DEGREE OF PROTECTION	IP66 NEMA 4
LIFESPAN, ELECTRICAL	50,000 h
LIGHT TYPE	Continuous light
MATERIAL	Enclosure: Polycarbonate (PC) Cap: Polycarbonate (PC)
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	SL signal towers
RADIATION ANGLE	360 °
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
SHOCK RESISTANCE	15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
TYPE	• Continuous light module • High-performance

LED for maximum
signaling effect

VOLTAGE TYPE

AC/DC

Resources

BROCHURES

[SL4, SL7, SLC Stack light
overview brochure
BR047017](#)

CATALOGUES

[eaton-pushbuttons-signal-
towers-sensors-
assortment-overview-
catalog-ca047003en-en-
us.pdf](#)

[eaton-rmq-titan-brochure-
br047004en-en-us.pdf](#)

DECLARATIONS OF
CONFORMITY

[eaton-continuous-light-
module-declaration-of-
conformity-
eu250556en.pdf](#)

[eaton-continuous-light-
module-declaration-of-
conformity-
uk251039en.pdf](#)

DRAWINGS

[eaton-operating-
dimensions-005.eps](#)

[eaton-operating-button-
sl7-continuous-light-
symbol-003.eps](#)

[eaton-operating-sl7-
continuous-light-symbol-
003.eps](#)

ECAD MODEL

[ETN.171430.edz](#)

INSTALLATION
INSTRUCTIONS

[IL047004ZU](#)

INSTALLATION VIDEOS

[Signal towers SL4 and SL7](#)

MCAD MODEL

[DA-CS-sl7_bfl7](#)

[eaton-light-modules-
mcad-drawings-sl7-
bfl7.dwg](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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