

Specifications



Photo is representative



Eaton 171431

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

General specifications

PRODUCT NAME	Eaton Moeller® series SL7 Continuous light module
CATALOG NUMBER	171431
MODEL CODE	SL7-L24-Y-HP
EAN	4015081677634
PRODUCT LENGTH/DEPTH	73 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	73 mm
PRODUCT WEIGHT	0.088 kg

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

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

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

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

CONNECTION TO SMARTWIRE-DT	No
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CURRENT CONSUMPTION	50 mA at 24 V AC/DC
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DEGREE OF PROTECTION	IP66 NEMA 4X
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LIFESPAN, ELECTRICAL	50,000 h
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LIGHT TYPE	Continuous light
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MATERIAL	Cap: Polycarbonate (PC) Enclosure: Polycarbonate (PC)
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MOUNTING POSITION	As required
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OVERVOLTAGE CATEGORY	III
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POLLUTION DEGREE	3
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PRODUCT CATEGORY	SL signal towers
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RADIATION ANGLE	360 °
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RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
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SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
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TYPE	• Continuous light module • High-performance
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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-004.eps](#)

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

ECAD MODEL

[ETN.171431.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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