



LUMAWISE | LUMAWISE Endurance N

TE Internal #: 1-2314786-1

LUMAWISE Endurance N, NEMA Base AC/DC Power Management, Connector, Zero Cross Tuning / Energy Metering Header / Not Vented, On Fail Mode

[View on TE.com >](#)

Connectors > Lighting Connectors > Solid State Lighting > NEMA Base AC/DC Power Management



Lighting Product Type: **Connector**

Lighting Connector Features Included: **Energy Metering Header, Keyed, Not Vented, Zero Cross Tuning**

Fail Mode: **On**

Operating Frequency: **50 Hz**

Agency/Standard: **CSA**

### Features

#### Product Type Features

Lighting Product Type	Connector
Sealable	Yes

#### Configuration Features

Lighting Connector Features Included	Energy Metering Header, Keyed, Not Vented, Zero Cross Tuning
Number of Positions	7

#### Electrical Characteristics

Output Voltage (Max)	24 V, 3.3 V, 5 V
Surge Protection	6kV/3kA
Fail Mode	On
Operating Frequency	50 Hz

#### Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	10 A

#### Housing Features

Housing Color	Black
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#### Dimensions

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Connector Diameter	3.19 mm[81 in]
Product Diameter	81.15 mm
Product Height	70.08 mm

### Usage Conditions

IP Water Sealing Level	6
IP Dust Sealing Level	6
Storage Temperature Range	-40 – 105 °C[-40 – 221 °F]
UV Exposure Rated	Yes
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL File Number	UL 773
UL Flammability Rating	UL 94V-0
Agency/Standard	CSA

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part

numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CAT-ST833-R2435  
DIMMING RECEPTACLE, ROTATABLE



TE Part # CAT-ST833-R2435A  
DIMMING RECEPTACLE



TE Part # 2318043-1  
CABLE ASSEMBLY, EB, 7 POS MINICT



TE Part # 2318043-2  
CABLE ASSEMBLY, EB, 3 POS MINICT

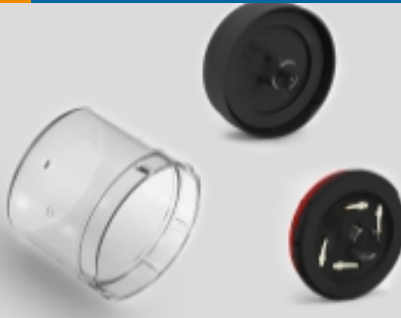


TE Part # 1-2213362-4  
RCPT ASSY, DIMMABLE  
PHOTOCONTROL, 105C, 3/4

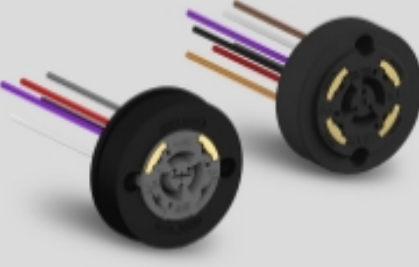
## Also in the Series | LUMAWISE Endurance N



NEMA Base AC/DC Power Management(6)



NEMA/ANSI Street Light Controls(34)



NEMA/ANSI Street Light Receptacles (27)

## Customers Also Bought



TE Part #1-1623793-4  
Wirewound Resistor: Horizontal Mount



TE Part #1-2316511-2  
LUMAWISE DRIVE TYPE Z50: DALI SERIES



TE Part #8-2176407-8  
3560 27R 5%



TE Part #5-1609152-6  
CORCOM SRB SERIES IEC FILTERED INLETS



## Documents

### Product Drawings

LUMAWISE N ENHANCED BASE, FM ON, ZC YES

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2314786-1\\_3.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2314786-1\\_3.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2314786-1\\_3.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

LUMAWISE STREET LIGHT DIMMING AND CONTROL QUICK REFERENCE GUIDE

English

LUMAWISE Endurance N Enhanced Base

English

### Product Specifications

Application Specification

English



[Agency Approvals](#)

[UL Report](#)

English