Metalux

DESCRIPTION

SNLED Base is a narrow LED striplight series. This high quality luminaire is dedicated to the latest solid state lighting and electronic driver technology for optimal performance and energy efficiency.

The small size of the SNLED makes it an ideal choice for size restricted architectural applications. The SNLED Series can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas, coves, display cases, shops, tasks and general area lighting.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Channel is die formed cold rolled steel with numerous KOs for ease of installation. Groove for Tong Hanger. End plate quickly converts to snap-in channel connector for continuous row alignment. Channel/wireway cover secured with sheet metal screws.

Controls
Equipped standard with a 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Combine with energy saving products like occupancy sensors, day lighting controls, and lighting relay panels to maximize energy savings. For motion control, reference options for both end and middle of the row applications. Standard dimming is 0-10V to 10% with 1%, step and Fifth Light DALI dimming options available.

Electrical
Long-Life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3000K, 3500K, 4000K or 5000K with a minimum of 80 CRI and optional 90 CRI. Projected life based on TM21 rating up to L87 >60,000 hours. Electronic drivers are cULus recognized and available for 120-277V, 347V and 480V applications.

Emergency Battery Pack Option
Optional 120v-277v integral emergency battery pack is available in 7-watts or 14-watts to meet critical life-safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code-compliance. A test switch/indicator button can be tested safely from the ground using a laser pointer, while the patented EZ Key prevents accidental discharge of the battery during construction. Emergency/generator transfer options available – see ordering information for details.
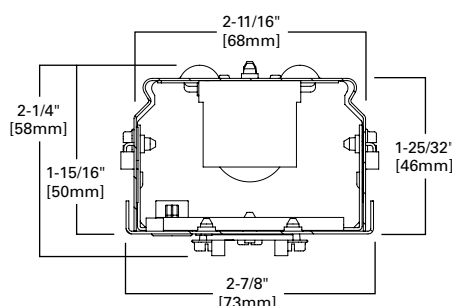
Installation
Fixture may be surface, pendant, or stem mounted. See accessories below (order separately).
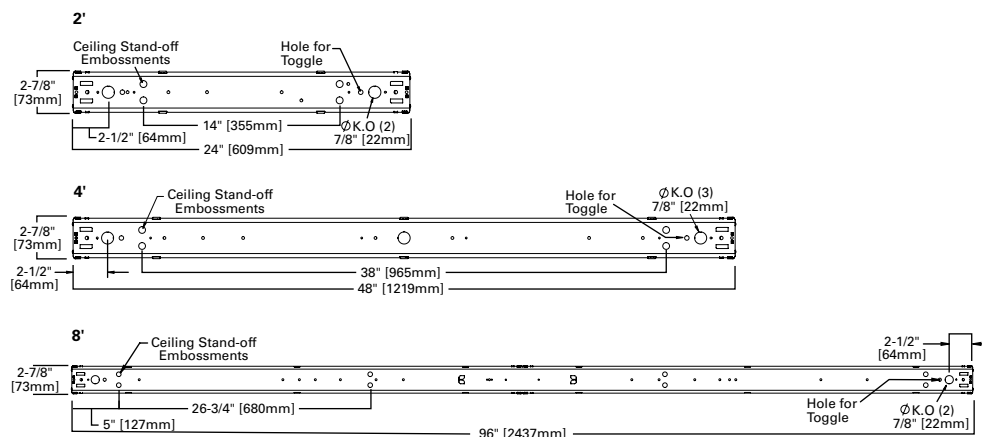
Compliance
Indoor luminaires are cULus listed for -20°C to 40°C ambient environments, RoHS compliant, damp location listed, and comply with IESNA LM-79. LEDs comply with LM-80 standards. Drivers are NEMA 410 compliant. DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www. designlights.org for details. Can be used for State of California Title 24 high efficacy luminaire.

Warranty
Five-year warranty.

SNLED BASE
LED

LED Striplight

powered by
fifthlight technology

DLC QPL PREMIUM
DLC QPL LISTED

Efficiency Standards
T24 California Title 24 Non-Residential Compliant

MOUNTING DATA

2'
Ceiling Stand-off Embossments
Hole for Toggle
2-7/8" [73mm]
2-1/2" [64mm]
14" [355mm]
Ø K.O (2) 7/8" [22mm]
24" [609mm]

4'
Ceiling Stand-off Embossments
Hole for Toggle
Ø K.O (3) 7/8" [22mm]
2-7/8" [73mm]
2-1/2" [64mm]
38" [965mm]
48" [1219mm]

8'
Ceiling Stand-off Embossments
2-1/2" [64mm]
2-7/8" [73mm]
26-3/4" [680mm]
5" [127mm]
Hole for Toggle
Ø K.O (2) 7/8" [22mm]
96" [2437mm]

LINEAR DISCONNECT
Safe and convenient means of disconnecting power

Dimensions (cross-section)
2-11/16" [68mm]
2-1/4" [58mm]
1-15/16" [50mm]
1-25/32" [46mm]
2-7/8" [73mm]

E·A·T·N
Powering Business Worldwide

SYSTEMS CERTIFIED ISO

WATTAGE

SNLED Type	Lumen Type	Length	Catalog Number	Nominal 3500K Lumens	Wattage	lm/W
Base	Standard	2 ft.	2SNLED-LD5-20SL-UNV-L8XX-CD1-U	2005	14	140.5
Base	Standard	2 ft.	2SNLED-LD5-24SL-UNV-L8XX-CD1-U	2476	18	136.8
Base	Standard	2 ft.	2SNLED-LD5-28SL-UNV-L8XX-CD1-U	2810	21	134.1
Base	High	2 ft.	2SNLED-LD5-37HL-UNV-L8XX-CD1-U	3799	27	143.0
Base	Standard	4 ft.	4SNLED-LD5-20SL-UNV-L8XX-CD1-U	1934	13	148.4
Base	Standard	4 ft.	4SNLED-LD5-24SL-UNV-L8XX-CD1-U	2398	16	149.8
Base	Standard	4 ft.	4SNLED-LD5-28SL-UNV-L8XX-CD1-U	2761	18	149.7
Base	Standard	4 ft.	4SNLED-LD5-32SL-UNV-L8XX-CD1-U	3148	21	148.7
Base	Standard	4 ft.	4SNLED-LD5-36SL-UNV-L8XX-CD1-U	3649	25	146.6
Base	Standard	4 ft.	4SNLED-LD5-40SL-UNV-L8XX-CD1-U	4014	28	144.9
Base	Standard	4 ft.	4SNLED-LD5-44SL-UNV-L8XX-CD1-U	4367	31	142.9
Base	Standard	4 ft.	4SNLED-LD5-48SL-UNV-L8XX-CD1-U	4827	35	139.9
Base	Standard	4 ft.	4SNLED-LD5-52SL-UNV-L8XX-CD1-U	5167	38	137.4
Base	Standard	4 ft.	4SNLED-LD5-56SL-UNV-L8XX-CD1-U	5604	41	136.4
Base	Standard	4 ft.	4SNLED-LD5-60SL-UNV-L8XX-CD1-U	6015	46	130.4
Base	Standard	4 ft.	4SNLED-LD5-64SL-UNV-L8XX-CD1-U	6504	52	125.9
Base	Standard	4 ft.	4SNLED-LD5-68SL-UNV-L8XX-CD1-U	6781	55	123
Base	High	4 ft.	4SNLED-LD5-56HL-UNV-L8XX-CD1-U	5634	37	152
Base	High	4 ft.	4SNLED-LD5-60HL-UNV-L8XX-CD1-U	5894	39	150.9
Base	High	4 ft.	4SNLED-LD5-64HL-UNV-L8XX-CD1-U	6421	43	148.9
Base	High	4 ft.	4SNLED-LD5-85HL-UNV-L8XX-CD1-U	8471	62	136.3
Base	Standard	8 ft.	8TSNLED-LD5-64SL-UNV-L8XX-CD1-U	6296	42	148.7
Base	Standard	8 ft.	8TSNLED-LD5-72SL-UNV-L8XX-CD1-U	7298	50	146.6
Base	Standard	8 ft.	8TSNLED-LD5-80SL-UNV-L8XX-CD1-U	8028	55	144.9
Base	Standard	8 ft.	8TSNLED-LD5-88SL-UNV-L8XX-CD1-U	8734	61	142.9
Base	Standard	8 ft.	8TSNLED-LD5-96SL-UNV-L8XX-CD1-U	9654	69	139.9
Base	Standard	8 ft.	8TSNLED-LD5-104SL-UNV-L8XX-CD1-U	10334	75	137.4
Base	Standard	8 ft.	8TSNLED-LD5-112SL-UNV-L8XX-CD1-U	11208	82	136.4
Base	High	8 ft.	8TSNLED-LD5-130HL-UNV-L8XX-CD1-U	12842	86	148.9
Base	High	8 ft.	8TSNLED-LD5-170HL-UNV-L8XX-CD2-U	16942	124	136.3

* Stocked in either 3500K or 4000K. Check Flash for stock availability.

PHOTOMETRICS

See website for IES/photometric files

CCT TABLE

Approximate Color Temperature Multiplier	
2700K	.93
3000K	.98
3500K	1.0
4000K	1.02
5000K	1.02

CRI

Lumen multiplier (80CRI to 90CRI)			
3000K	3500K	4000K	5000K
0.805	0.840	0.846	0.901

ORDERING INFORMATION

| 8T | SNLED | LD5 | 64SL | UNV | EL14W | L835 | CD | 1 | U |

2=2' Length
4=4' Length
8T=8' Length

Series
SNLED=Commercial
LED Striplight [12]

Lamp Type
LD5=LED 5.0

Lumen Package [1]

Stocked Lumen Packages	MTO Lumen Packages
24SL [13]	**20SL** [13]
28SL [13]	**36SL**
32SL	**37HL**
48SL	**40SL**
80SL	**44SL**
88SL	**52SL**
	56SL
	56HL
	60SL
	60HL
	64SL
	64HL
	68SL
	72SL
	85HL
	96SL
	104SL
	112SL [15]
	130HL [15]
	170HL [14]

Voltage
UNV=Universal
Voltage 120-277
347=347V
480=480V [3]

Options

Emergency
EL7W=7-watt, 120V-277V emergency battery pack installed [3], [6]
EL14W=14-watt 120V-277V emergency battery pack installed [3], [6]
GTR2=Bodine Generator Transfer Relay [9]
ETRD=Iota Emergency Transfer Relay with dimming control [9]

Wiring
PI/CPI=Plug in and cross over plug in options [11]
PC6/515P=(NEMA 5-15P) 6' Cord with NEMA Straight Plug [10], [11]
PC6/L715=(NEMA L7-15P) 6' Cord with NEMA Twist Plug [10], [11]

Motion Sensors [16]
LB-ERMS360=360° Low Bay Motion Sensor - End of Row
LB-MRMS360=360° Low Bay Motion Sensor - Middle of Row
HB-ERMS360=360° High Bay Motion Sensor - End of Row [4]
HB-MRMS360=360° High Bay Motion Sensor - Middle of Row [4]

CCT/CRI
L830=3000K, 80 CRI
L835=3500K, 80 CRI
L840=4000K, 80 CRI
L850=5000K, 80 CRI

L930=3000K, 90 CRI
L935=3500K, 90 CRI
L940=4000K, 90 CRI
L950=5000K, 90 CRI

Driver Type
CD=0-10V Dimming Driver (10% - 100% Dimming)
HCD=0-10V Dimming Driver (1% - 100% Dimming)
SD=Step-dim (Bi Level) [3]
5LTD=Fifth Light (DALI) Driver [3], [5]

Number of Drivers
1=1 Driver
2=2 Drivers

Packaging
U=Unit Pack

ACCESSORIES

(Order Separately)
AYC-Chain/Set=36" Chain Hanger (Use 1 set per fixture)
SCF=Fixed Stem Set (Specify Length)
SCS=Swivel Stem Set (Specify Length)
SCA=Adjustable 48" Stem Set
EYE CHAIN SET/3FT=Eye Bolt Chain (Use 1 set per fixture)
WG/SNF-2FT=2' Wire Guard
WG/SNF-4FT=4' Wire Guard
A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 per fixture)
TOGGLE=Single Toggle No. 2 (Specify Length)
Y-TOGGLE=Y Toggle No. 2 (Specify Length)
SNLED-LENS-LW-2FT-U=Replacement Lens 2 ft, Full Frost
SNLED-LENS-LN-2FT-U=Replacement Lens 2 ft, Semi Frost
SNLED-LENS-LC-2FT-U=Replacement Lens 2 ft, Clear
SNLED-LENS-LW-4FT-U=Replacement Lens 4 ft, Full Frost
SNLED-LENS-LN-4FT-U=Replacement Lens 4 ft, Semi Frost
SNLED-LENS-LC-4FT-U=Replacement Lens 4 ft, Clear

NOTES: [1] Nominal lumen values. See table for values and fixture length. [3] 4 ft. and 8 ft. only. [4] Motion Sensor offers dimmability. [5] For a complete listing of Fifth Light products, visit www.eaton.com/lightingsystems [6] With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. [9] Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). GTR2 option includes 2 relays on fixtures with dimming drivers. ETRD option only requires one relay when used on a dimming fixture. Must specify voltage as 120V or 277V when ordering these devices. [10] Most common C&P shown. Must specify location for cord. All "end" locations will be on the end with sensor installed. [11] Consult tech support on numerous options for this feature. [12] DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details. [13] Available in 2 ft. and 4 ft. [14] Requires two drivers. [15] DALI and Step-dim versions require two drivers. [16] Sensors provided in separate externally mounted enclosure. See SRL spec sheet for fully integrated/connected sensors.

Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.

SHIPPING DATA

Length.	Wt.
2 ft.	3.8 lbs.
4 ft.	7.2 lbs.
8 ft.	13.1 lbs.

F•T•N
Powering Business Worldwide

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