



PROJECT

TYPE

DATE

ITEM NO.

NOTE

LINEAR LED STRIP

ILL-S2 Series

Linear Luminaires

DESCRIPTION

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

APPLICATION

Versatile solution for general purpose applications. Ideal for parking garages, corridors, hallways, stairwells, offices, closets, storage rooms, warehouse, manufacturing facilities, and spaces that demand energy demand reduction and high quality light.



SPECIFICATION FEATURES

Benefits

- Lower installation costs and maintenance costs
- Attractive ROI
- Ideal for use with sensors and advanced controls
- Lower energy costs
- High quality light for a more productive space
- Convenient access to replaceable, standard components reduces life cycle costs

Construction

Reflector utilizes highly reflective powder coat finish. Diffuser lens provides even and consistent light while eliminating pixelation. Tool-less removal of diffuser allows access to LED array. LED module and driver are replaceable. Housing and optics maintain damp location rating with all internal components.

Finish

Highly reflective finish. Baked white paint, applied after fabrication.

Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 1-10V continuous dimming comes standard. Ideal when used in conjunction with controls and sensors. Comes equipped with quick disconnect for compliance with US code.

Optics

The ILL's LED light engine and integrated optics delivers enhanced light quality and distribution. Precision-formed diffuser and reflector are designed LED light consistently, reducing glare and pixelation.

Certifications / Regulatory

All components used have UL approval. UL Class 2 Power supply, SCP, OTP, OVP protection, FCC Part 15 Class B. DLC listed.

Warranty

7-year limited warranty. See complete warranty terms for details.

Quick Ship Product

ILL-2L(20S2)/835
ILL-2L(20S2)/840
ILL-4H(35/25/18S2)/8A
ILL-4VH(64/56/46S2)/850
ILL-4VH(64/56/46S2)/8A
ILL-8L(54/46/38S2)/8A
ILL-8H(90/75/65S2)/8A

ORDERING INFORMATION

Sample Number: ILL-2L(20S2)/840

Series	Length	Lumen Package			CRI	CCT
ILL - Linear LED Strip	2 - 2'	2'	4'	8'	8 - 82CRI	35 - 3500K
	4 - 4'	L(20S2)	H(35/25/18S2)	L(54/46/38S2)	9 - 92CRI	40 - 4000K
	8 - 8'	- 20W, 2600lm	- 35/25/18W, 4550/3250/2358lm VH(64/56/46S2) - 64/56/46W, 8320/7280/5980lm	- 54/46/38W, 7020/5980/4940lm H(90/75/65S2) - 64/56/46W, 11700/9750/8450lm		50 - 5000K A - Adjustable CCT (5000/4000/3500K)

Auxiliary Power	Input Voltage	Driver Option	Control Option
(Blank) - without AUX 12V - with AUX 12V	(Blank) - 120-277V C - 120-347V 480 - 480V	(Blank) - 1-10 or 0-10V continuous dimming D10T1 - 100%-1% dimming CT - -40°C Cold Temperature	PIR - On/off PIR High Bay motion sensor PIRD - On/off PIR high bay motion and daylight sensor OS - Step dimming PIR motion sensor and daylight sensor OS-JDRFAS - JDRF self commissioning autonomy sensor, JDRF-AS-W-V01-1P MMS - Step dimming Microwave Sensor and daylight sensor DMMS-DL - Step dimming Microwave Sensor and daylight harvesting Remarks: Sensor configuration tool remote control required, not included SMC - Smart Control System

Emergency Backup	Assembly in USA	Accessories
EM15W - 15W constant power with integrated self-diagnostic test	BAA - Assembly in USA	ACC - Air craft cable longest 10ft. (set of 2) ILL-Chain- 40" jack chain with v-hook. (set of 2) ILL-S2_-WG - Wire guard (" 2", 3', 4', 8') WIEC-18/5 - Fixture end to end quick disconnect wiring
		ZCN-ILL-S2 - Fixture end connector ILL-S2-4-PMK- Pendant mount kit for 1/2" IPS stems (stems not provided)

PERFORMANCE

SUMMARY

Input Voltage	120-277V
Input Power	See energy data for details
Power Factor	>0.90
THD (Max.)	10%
Efficacy	130 LPW
Delivered Lumen	See energy data for details
Controls/ Dimming	1-10V dimming standard
Dimming Range	10-100%
CRI	>80
CCT	3500,4000,5000K 3500/4000/5000K Selectable
Operating Temp.	-4°F ~ 133°F (-20°C ~ 55°C)
Rated Life	70,000 hours

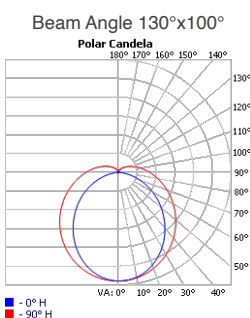
ENERGY PERFORMANCE DATA

Form Factor	Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
2'	ILL-2L(20S2)/835	20	2600	130
	ILL-2L(20S2)/840			
	ILL-2L(20S2)/850			
4'	ILL-4H(35/25/18S2)/8A	35/25/18	4550/3250/2358	130
	ILL-4VH(64/56/46S2)/835*	64/56/46	8320/7280/5980	130
	ILL-4VH(64/56/46S2)/840*			
	ILL-4VH(64/56/46S2)/850*			
8'	ILL-4VH(64/56/46S2)/8A	64/56/46	8320/7280/5980	130
	ILL-8L(54/46/38S2)/8A	54/46/38	7020/5980/4940	130
	ILL-8H(90/75/65S2)/835*	90/75/65	11700/9750/8450	130
	ILL-8H(90/75/65S2)/840*			
	ILL-8H(90/75/65S2)/850*			
	ILL-8H(90/75/65S2)/8A*	90/75/65	11700/9750/8450	130

*The delivered lumens above are based on highest wattage and 4000K.

**Default setting at time of shipping are highest wattage and highest CCT.

OPTICS



PHYSICAL PARAMETERS

DIMENSION

