



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 detail.

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
ILL - Linear LED Strip	2 - 2'	2'	4'	8'	8 - 82CRI
	4 - 4'	L(20S2)	H(35/25/18S2)	L(54/46/38S2)	9 - 92CRI
	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	

CCT	Auxiliary Power	Input Voltage	Driver Option	Control Option
35 - 3500K	(Blank) - without AUX	(Blank) - 120-277V	(Blank) - 1-10 or 0-10V continuous dimming	PIR - On/off PIR High Bay motion sensor
40 - 4000K	12V - with AUX 12V	C - 120-347V	D10T1 - 100%-1% dimming	PIRD - On/off PIR high bay motion and daylight sensor
50 - 5000K		480 - 480V	CT - -40°C Cold Temperature	OS - Step dimming PIR motion sensor and daylight sensor
A - Adjustable CCT (5000/4000/3500K)				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)	ZCN-ILL-S2 - Fixture end connector
		ILL-Chain- 40" jack chain with v-hook. (set of 2)	ILL-S2-4-PMK - Pendant mount kit for 1/2" IPS stems (stems not provided)
		ILL-S2_-WG - Wire guard ("_ " 2', 3',4',8')	WIEC-18/5 - Fixture end to end quick disconnect wiring

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

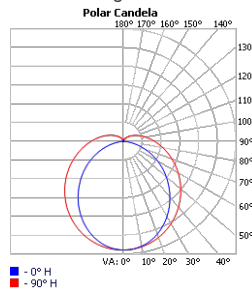
ENERGY PERFORMANCE DATA

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*	64/56/46	8320/7280/5980	130
ILL-4H(54/46/38S2)/8A				
8'	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

* DLC 5.1 Standard Listed

OPTICS

Beam Angle 130°x100°

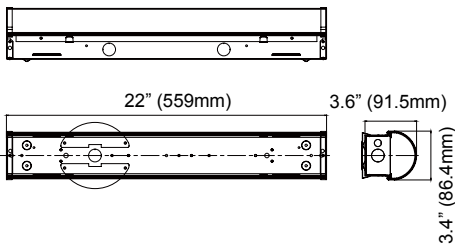


PHYSICAL PARAMETERS

DIMENSION

ILL-2

2.91 Lbs.



ILL-4

4.52 Lbs.



ILL-8

9.04 Lbs.

