



SW6-LED

High Abuse Surface Mount **LED** Linear

PRODUCT SPECIFICATION

The SW6 series is designed for general purpose lighting in high abuse environments.

Mounting

Surface mounts to ceiling. Knockouts on both ends permit continuous fixture mounting.

Lens

One piece, vandal resistant, .156 in., extruded, UV satbilized, prismatic polycarbonate lens.

Housing

16 gauge cold rolled steel, die-formed to shape with seams welded and ground smooth. Additional gauges, aluminum and stainless steel available.

Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

Hardware

Stainless steel, tamper-proof fasteners.

Driver

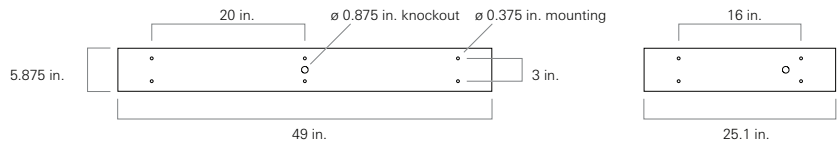
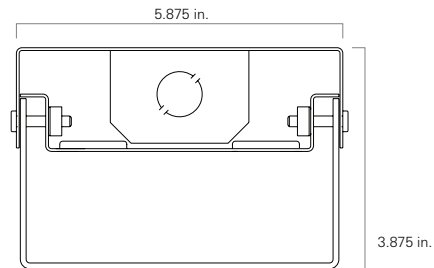
0-10Vdc dimming, Range 10%-100%
-40°C Min. starting temperature, >0.9 PF, <20% THD

Wiring

Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

Certifications

UL Listed damp or wet location. Covered ceilings only. IP54 rated.



one Luminaire Size

- 2 2 ft fixture
- 4 4 ft fixture

two LED Rows

- 1L One

three Color Temperature

- 35 3500K
- 40 4000K
- 50 5000K

four Material Gauge

- N 18 gauge, minimum security
- D 16 gauge, medium security, std
- X 14 gauge, maximum security

five Material

- A Aluminum
- C Cold rolled steel, std
- S Stainless steel

six Finish

- R Brushed stainless steel
- W White

seven Voltage

- 120 120 V, 60 Hz
- 277 277 V, 60 Hz
- VAR Variable, 120-277 V, 50/60Hz

eight Ballast

- DM 0-10Vdc Dimming, standard

nine Fasteners

- AP Stainless steel allen head with pin
- TP Stainless steel torx head with pin
- PH Phillips, non-security

ten UL Listing

- D Damp location
- W Wet location

eleven Options

- SO Specified output*
- 2C Two-circuit wired
- CU Canadian UL Listing
- EM Emergency battery backup
- FH Fuse and holder
- NL-LED Night light, LED

* Indicated as SOxx/xx. Specified output, Input watts / lumens per watt to be determined based on specified requirements.

Modifications are available to meet custom requirements.

Photometric Data for a 4-ft fixture (Full Output)

Lumens	Input Watts	Lumens / Watt	CCT	CRI	LED Life
6263	54 watts	116	4000K	>80	>100,000

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0			
RW %:	1.18	1.18	1.18	1.18	1.15	1.15	1.15	.95	1.08	1.08	1.08	1.03	1.03	1.03	.98	.98	.98	.95			
RCR: 0	1.09	1.05	1.01	.97	1.06	1.02	.98	.83	.97	.94	.91	.92	.90	.88	.88	.86	.84	.82			
1	1.00	.93	.87	.82	.97	.91	.85	.72	.86	.82	.78	.82	.79	.75	.79	.76	.73	.71			
2	.92	.83	.75	.69	.89	.81	.74	.62	.77	.71	.67	.74	.69	.65	.71	.67	.63	.61			
3	.85	.74	.66	.60	.82	.72	.65	.55	.69	.63	.58	.66	.61	.57	.64	.59	.55	.53			
4	.78	.67	.58	.52	.76	.65	.57	.48	.63	.56	.51	.60	.54	.50	.58	.53	.49	.47			
5	.73	.60	.52	.46	.70	.59	.51	.43	.57	.50	.45	.55	.49	.44	.53	.47	.43	.41			
6	.67	.55	.47	.41	.66	.54	.46	.38	.52	.45	.40	.50	.44	.39	.48	.43	.39	.37			
7	.63	.50	.42	.36	.61	.49	.42	.35	.47	.41	.36	.46	.40	.35	.44	.39	.35	.33			
8	.59	.46	.38	.33	.57	.45	.38	.31	.44	.37	.32	.42	.36	.32	.41	.36	.31	.30			
9	.55	.42	.35	.30	.54	.42	.35	.28	.40	.34	.29	.39	.33	.29	.38	.33	.29	.27			
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SW6-LED 4-ft - Polar Candela Distribution

