



# RW6-LED

High Abuse Surface Mount **LED** Linear

## PRODUCT SPECIFICATION

The RW6 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 stabilized, 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

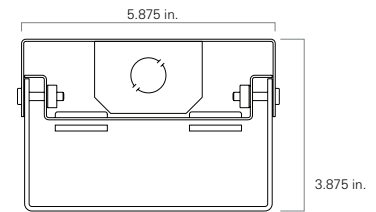
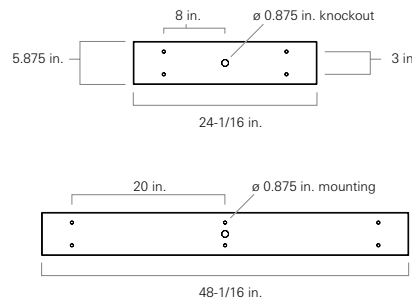
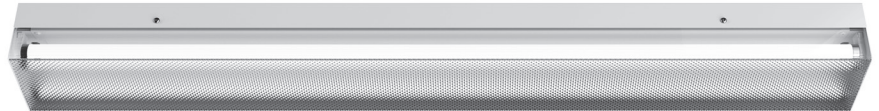
UL Listed damp or wet location.  
Covered ceilings only. IP43 rated.

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Approval \_\_\_\_\_ Date \_\_\_\_\_



#### 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, standard
- 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 Driver

- 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 SO(xx/xxxx). Specified output, Input watts / delivered lumens 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
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	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
1	1.09	1.05	1.01	.97	1.06	1.02	.98	.83	.97	.94	.91	.92	.90	.88	.88	.86	.84	.82
2	1.00	.93	.87	.82	.97	.91	.85	.72	.86	.82	.78	.82	.79	.75	.79	.76	.73	.71
3	.92	.83	.75	.69	.89	.81	.74	.62	.77	.71	.67	.74	.69	.65	.71	.67	.63	.61
4	.85	.74	.66	.60	.82	.72	.65	.55	.69	.63	.58	.66	.61	.57	.64	.59	.55	.53
5	.78	.67	.58	.52	.76	.65	.57	.48	.63	.56	.51	.60	.54	.50	.58	.53	.49	.47
6	.73	.60	.52	.46	.70	.59	.51	.43	.57	.50	.45	.55	.49	.44	.53	.47	.43	.41
7	.67	.55	.47	.41	.66	.54	.46	.38	.52	.45	.40	.50	.44	.39	.48	.43	.39	.37
8	.63	.50	.42	.36	.61	.49	.42	.35	.47	.41	.36	.46	.40	.35	.44	.39	.35	.33
9	.59	.46	.38	.33	.57	.45	.38	.31	.44	.37	.32	.42	.36	.32	.41	.36	.31	.30
10	.55	.42	.35	.30	.54	.42	.35	.28	.40	.34	.29	.39	.33	.29	.38	.33	.29	.27

RW6-LED 4-ft - Polar Candela Distribution

