SWC-LED

High Abuse Corner Mount LED Linear

PRODUCT SPECIFICATION

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

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

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

Housing
18 gauge cold rolled steel, die-formed to shape with seams welded and ground smooth. Additional gauges available. Aluminum and 304 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 1% dimming, >0.9 PF, <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

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.

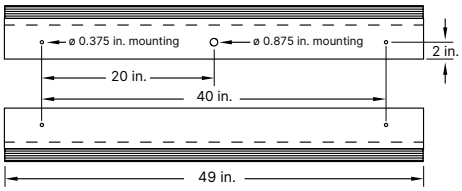
Job Name

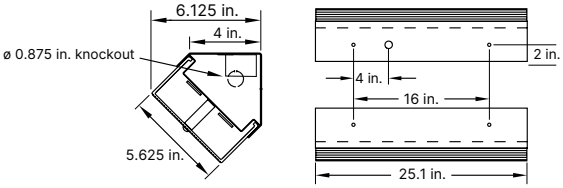
Fixture Type

Catalog No.

Approval Date







MADE IN USA

one	two	three	four	five	six	seven	eight	nine	ten	eleven	twelve
SWC		-			/		-		VAR	DM	-			-	

one — Luminaire Size
- 2 — 2 ft. fixture
- 4 — 4 ft. fixture

two — LED Source
Refer to the LED Source Table on Page 2 for available options.

three — Color Temperature
- 30 — 3000K
- 35 — 3500K
- 40 — 4000K
- 50 — 5000K

four — CRI
- 80 — Min 80 CRI
- 90 — Min 90 CRI

five — Material Gauge
- N — 18 gauge
- D — 16 gauge, standard
- X — 14 gauge

six — Material
- A — Aluminum
- C — Cold rolled steel, standard
- S — Stainless steel

seven — Finish
- R — Brushed (stainless steel only)
- W — White

eight — Voltage
- VAR — Variable, 120-277 V, 50/60Hz

nine — Driver
- DM — 0-10VDC Dimming, standard

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

eleven — UL Listing
- D — Damp location
- W — Wet location

twelve — Options
- SO — Specified output*
- 2C — Two-circuit wired
- AM — Anti-microbial coating (exposed areas)
- CU — Canadian UL Listing
- EM — Emergency battery backup
- FH — Fuse and holder
- IMS — Integral Occ Sensor
- NL-LED — Night light, LED
- RMxx*[1] — Row mounting
  Includes Chase Nipple(s), PVC Gasket(s), and Sealing Locknut(s)

  Contact factory for aluminum or 14 - 18 gauge CRS and stainless steel

* Indicated as SO(xx/xxxx). Specified output, Input watts / delivered lumens to be determined based on specified requirements

*[1] *xx = Length of row in feet*

Lifetime Warranty: We are proud to offer the L.C. Doane Assurance. L.C. Doane High Abuse lighting products are manufactured to withstand today's complex and demanding environments. The L.C. Doane Company will repair or replace any High Abuse or VR Architectural fixture when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse.

Modifications are available to meet custom requirements.
Specifications and dimensions are subject to change without notice.

CRI	LED Life
>80	>100,000

LED Source (Box 2)	3000K		3500K		4000K		5000K		Input Watts
	Delivered Lumens	L/W	Delivered Lumens	L/W	Delivered Lumens	L/W	Delivered Lumens	L/W	
2ft. Fixture									
2W12	1182	128	1214	131	1251	135	1251	135	9.2
2W20	1884	126	1935	130	1993	134	1993	134	14.9
2W34	3228	122	3316	125	3416	129	3416	129	26.5
2W45	4497	117	4620	120	4759	124	4759	124	38.4
4ft. Fixture									
2W20	1888	128	1939	132	1998	135	1998	135	14.7
2W34	3304	127	3394	130	3497	134	3497	134	26.0
2W50	4680	125	4808	128	4953	132	4953	132	37.5
2W65	6018	123	6182	126	6369	130	6369	130	49.1
2W80	7532	120	7736	123	7971	127	7971	127	62.8
2W95	8994	117	9239	120	9519	124	9519	124	76.7

Specified Output Option

LC Doane programmable drivers allow us to deliver a specific lumen output. If none of the options in the chart above fit your application, let us know the desired lumen output and we will do the rest. See the example below on how this will be specified

Example Model:

SWC2-**XX**[1]SO40/80-NCW-VARDM-APD-(**XX**[2]/**LUMENS**)

LUMENS = You provide the lumens.
XX[1] = We will determine the number of rows.
XX[2] = We will provide the wattage information.

Photometric Data @ 80 CRI

Use the multipliers below to adjust the delivered lumens

90 CRI multiplier	.83