DAY-O-LITE

Profile Series | STWL-DI-WM

Date	Notes
Project	
Type Qty	

Features

Designed specifically for stairwell egress lighting.

Meets state and local stairwell requirements.

Standard or step dimming available.

PIR or Ultrasonic Occupancy Sensor optional.

LED optimized optics for smooth, efficient illumination.

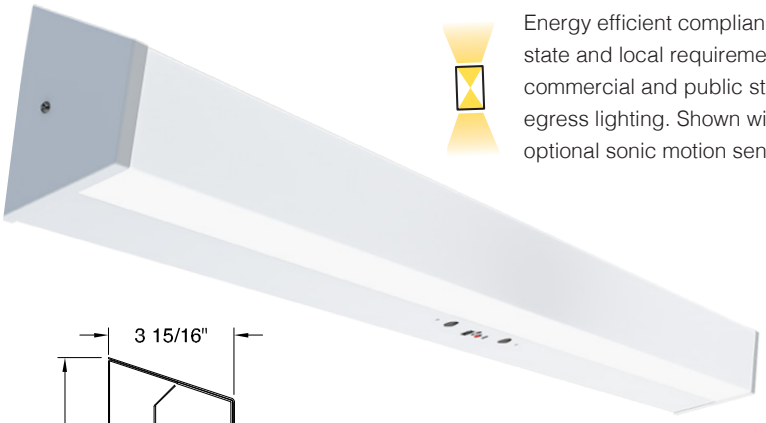
Programmable driver for custom lumen packages.

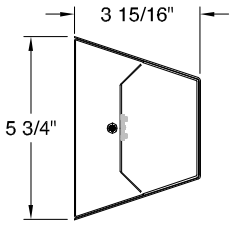
0-10V dimming to 1% standard or Dim-to-Off.

DMX, Lutron and DALI protocols also available.

Sensor Ready for wireless Smart Lighting Solutions.

Declare Red List Approved.





STAIRWELL LIGHTING

Energy efficient compliance with state and local requirements for commercial and public stairwell egress lighting. Shown with optional sonic motion sensor.

Ordering Guide

MODEL	OPTICS	CCT[1]	LUMENS[1]	LENGTH	MOUNTING[2]	FINISH	OPTIONS
STWL-DI	**WOA**				**WM**		
STWL-DI Direct/Indirect	WOA = White Opal Acrylic	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI For 90 CRI add "9" prefix. Ex: 940 = 4000K @ 90 CRI	**2' LUMENS** LO = 1250 (11W, 125LPW) SO = 1665 (14W, 118LPW) HO = 2090 (18W, 116LPW) **4' LUMENS** LO = 2540 (21W, 127LPW) SO = 3390 (28W, 125LPW) HO = 4240 (35W, 121LPW **CUSTOM** For custom lumens specify value < HO	2 = 2 ft 4 = 4 ft	WM = Wall Mount	W = White CC = Custom Color AMW = Anti-Microbial White	**DIMMING DRIVERS** DIM10 = 0-10V (1%) Standard DTO = 0-10V (Dim-to-Off) DIMST = 0-10V Step Dimming DIMSR = DALI Sensor Ready (5.0%) DALI = DALI (5.0%) DMX = DMX **LUTRON™ DIMMING DRIVERS** LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire **SENSORS & CONTROLS** UTS = Ultrasonic Occupancy Sensor CAS = Casambi Wireless Control **EMERGENCY**[3] EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery EPC6 = 6.5W Emergency Battery EPC10 = 10W Emergency Battery EPC12 = 12W Emergency Battery **WIRING** FWH = Flexible Wiring Harness

[1]Lumens at 80CRI, 4000K, WOA lens. Photometry page 3.

[2]See page 4 for all mounting options.

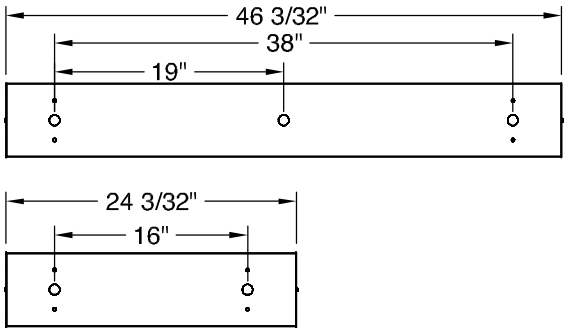
[3]EPC6 is standard unless otherwise specified. EPC not for DMX drivers.

BAA letter of compliance available at www.dayolite.com.

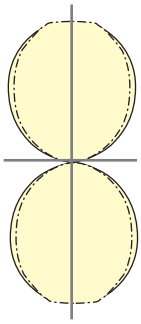
Fixture Dimensions and Mounting Locations

NOMINAL LENGTH	ACTUAL LENGTH	KNOCK OUTS
2'	24 3/32"	2
4'	48 3/32"	3

Mounting and power feed locations are shown below.



Photometry



STWL-DI-WOA-40-**LO**-2-WM

4000K CCT
WATTS: 10
LUMENS: 1250
LPW: 125
Distribution:
50% Direct, 50% Indirect

STWL-DI-WOA-40-**SO**-2-WM

4000K CCT
WATTS: 14
LUMENS: 1665
LPW: 118
Distribution:
50% Direct, 50% Indirect

STWL-DI-WOA-40-**HO**-2-WM

4000K CCT
WATTS: 18
LUMENS: 2090
LPW: 116
Distribution:
50% Direct, 50% Indirect

STWL-DI-WOA-40-**LO**-4-WM

4000K CCT
WATTS: 20
LUMENS: 2540
LPW: 127
Distribution:
50% Direct, 50% Indirect

STWL-DI-WOA-40-**SO**-4-WM

4000K CCT
WATTS: 27
LUMENS: 3390
LPW: 125
Distribution:
50% Direct, 50% Indirect

STWL-DI-WOA-40-**HO**-4-WM

4000K CCT
WATTS: 35
LUMENS: 4240
LPW: 121
Distribution:
50% Direct, 50% Indirect

4000K @ 80CRI, WOA lens.
Use the following multipliers for other CCTs: 2700K x 0.94, 3000K x 0.96, 3500K x 0.98, 5000K x 1.02. IES files @ www.dayolite.com

Specifications

CONSTRUCTION: 20 gauge cold rolled steel housing and internal components.

REFLECTOR: Die-formed steel finished in highly reflective baked white enamel with pre-finished reflective LED tray.

OPTICS: LED optimized white opal acrylic lens (WOA) is standard.

LED: LED modules in 27/30/35/40 & 50K CCT, 80 CRI (90CRI available). L_{70}= 50,000 hours. 3 SDCM consistency; field replaceable.

DRIVER: Standard driver is Class 2 AOC 0-10V to 1%, 120/277V input, PF > 90%, THD < 20 @ 120V. Additional dimming protocols available. All drivers prewired from factory for connection to control system (by others); field replaceable.

MOUNTING: Standard installation is wall mount via included knockouts.

FINISH: Housing and components finished in baked white enamel.

CERTIFICATION: cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry & damp locations. Union Made in the United States of America, I.B.E.W, BAA compliant, Declare Red List Approved.

PERFORMANCE: Unless otherwise noted, performance data in this document is nominal. Actual product performance may vary based on end-user environment, application, installation, and/or LED/driver operating tolerances. Luminaires are tested at 25°C ambient temperature. Consult Day-O-Lite for high-ambient conditions. Suitable for dry locations.

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