



SWP 610

Vandal Resistant

SWP610 Series LED

Fixture Type

Date

Job Name

Approved By

Catalog Number

SPECIFICATIONS

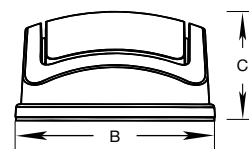
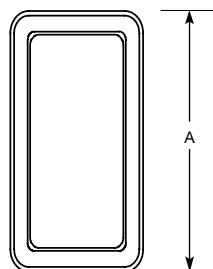
ADA Compliant



Description	The Swoop 610 series features a durable, color-impregnated, polycarbonate housing supported by a marine grade, die cast aluminum base plate to provide a lighting fixture that will survive in many challenging environments. Natatorium finish is standard for all versions of this fixture.
Bezel	One piece injection molded UV stabilized polycarbonate mechanically interlocked to lens. Minimum wall thickness shall be 0.140". Color is molded through entire part for scratch resistant finish.
Lens	One piece injection molded UV stabilized prismatic polycarbonate with minimum 0.140" wall thickness. Available in Clear or Opal and secured to base plate with (4) concealed captive stainless steel screws. YWP models come with a chemically etched, scratch resistant surface painted lens.
Reflector	Die formed, shaped for maximum efficiency and finished with high gloss electrostatically applied white polyester powder coat.
Driver	Constant current driver at 350mA, 120-277V only.
LED	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L ₇₀ projected life of over 130,000 hours at 50°C. Ten year warranty on LED boards against operational defects.
Base Plate	Pressure die cast marine grade aluminum. Chemically primed and finished with electrostatically applied polyester powder coat.
Gasket	Closed cell die cut, self-adhesive neoprene gasket provided between fixture base plate and mounting surface. High temperature silicone O-ring between lens and base plate.
Listings	U.L., C.U.L., Wet standard, 1598a Marine Listed.
Lifetime Warranty	Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.

DIMENSIONAL DATA

	A	B	C
SWP610	10.84	6.74	4.00
YWP610	10.84	6.74	4.00
YWPH610	6.74	10.84	4.00



ORDERING INFORMATION

SERIES	LED	CCT	VOLTS	DRIVER	LENS	COLOR	OPTIONS		TX/SD
SWP610	5W	2700K	120-277	CC	CP	BLK	DIM	EMB20R	
YWP610	15W	3000K		DIM	OP	WHT	PC	EMB125R	
YWPH610		3500K		PRD		BRZ	GLR	EMB250R	
		4000K				GRY	CAB	EMB375R	
		5000K				CUST			
	PRD - Specify Watts or Lumens Above								

CC = Constant Current (Standard)

DIM = 0-10V Dimming, 10% at lowest level

PRD = Programmable driver. Specify Watts or Lumens under "LED" in Ordering Information.

OPTIONS

LENS	CP = Clear Prismatic Standard	OP = Opal Optional			
COLORS	BLK = Black	WHT = White	BRZ = Bronze	GRY = Gray	CUST = Custom Color (Consult Factory)
PRD	Programmable driver. When ordering must specify Watts or Lumens. Consult factory for availability.				
DIM	0-10V dimming driver. 10% at lowest level.				
PC	Photoelectric switch. (Requires CAB option)				
GLR	Fuse and fuse holder.				
CAB	Die cast marine grade aluminum back box. Provided with (3) 1/2" i.p.t. holes for conduit entry and (3) threaded plugs. Chemically primed and finished with electrostatically applied polyester powder coat.				
EMB20R	Remote mounted micro inverter that will operate a 25W maximum load for 90 minutes. 0°C (32°F) to 50°C (122°F).				
EMB125R	Stand-alone inverter that will operate a 125W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
EMB250R	Stand-alone inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
EMB375R	Stand-alone inverter that will operate a 375W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
TX/SD	TORX® head bit.				



TRIM OPTIONS

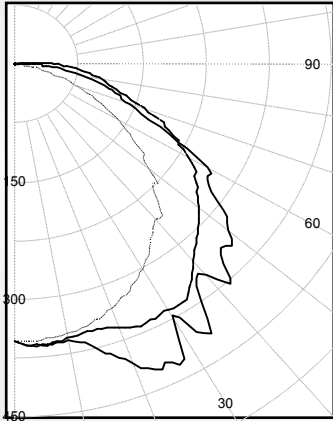


PHOTOMETRIC DATA

Model	Watts	Input Watts	Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens	
			Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal
			2700K		3000K		3500K		4000K		5000K	
SWP610	5W	7.49	758	577	767	584	783	596	806	614	830	632
SWP610	15W	13.4	1516	1155	1534	1168	1567	1193	1613	1229	1661	1264
SWP610HO	20W	19.6	1936	1474	1958	1491	1998	1522	2060	1569	2121	1616
YWP610	15W	13.7	642	489	650	495	664	506	683	521	703	536
YWP610	15W	13.7	899	685	909	692	928	707	957	729	985	750
xxWP610	PRD		Programmable Driver. Must specify Watts or Lumens in Ordering Information.									

MODEL SWP610-15W-4000K-CP

Delivered Lumens: 1,306 Lumens

**IES FILE: SWP610-15W-4000K-CP**

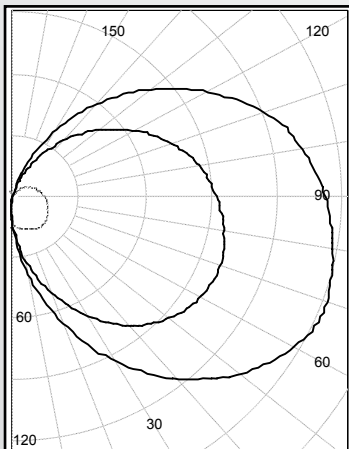
Total Power: 13.4W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	305	23.3
0 - 40	517	39.6
0 - 60	964	73.8
60 - 90	321	24.6
0 - 90	1285	98.4
90 - 180	21	1.6
0 - 180	1306	100.0

MODEL YWPH610-15W-3500K-CP

Delivered Lumens: 443 Lumens

**IES FILE: YWPH610-15W-3500K-CP**

Total Power: 13.7W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	22	4.9
0 - 40	45	10.1
0 - 60	120	27.0
60 - 90	147	33.3
0 - 90	267	60.4
90 - 180	175	39.6
0 - 180	443	100.0



MOUNTING PLATE DETAILS

