

# SWP (IP65) WEATHERPROOF FLUORESCENT



## FEATURES

- One piece silicon gasket.
- Nylon gear tray fixing clips. No tools required for removal for maintenance.
- The gear tray is retained by nylon lanyards when opened for maintenance.
- Stainless steel diffuser retaining clips are supplied as standard. 18 watt models have four (4) clips, 36 watt, eight (8) clips & 58 watt ten (10) clips.
- Stainless steel mounting clips are provided. This allows mounting of the luminaire without the need for holes to be drilled into the body, thus maintaining the integrity of the IP65 rating. When surface mounting the SWP luminaire the stainless steel mounting clips maybe fixed to the mounting surface first and the luminaire then simply locked in to the mounting clips.
- Nylon hanging system allows for pendant mounting.
- UV stabilized polycarbonate body & diffuser lens.
- Weatherproof IP65 rating.
- 20mm cable entry holes at both ends. Two rubber grommets supplied for sealing of unused entry holes.
- 2x20mm knockouts are provided on the back of the body for rear cable entry.
- White powder coated gear tray.

## APPLICATION

Suitable for use in adverse weather, dust or corrosive areas such as:

- Marinas & Wharves
- Security Areas
- Factories & Warehouses
- Car parks
- Plant rooms

## CHEMICAL RESISTANCE

In general, polycarbonate is suitable for use in areas where most alcohol or diluted & semi concentrated acids are in use with the exception of Benzoic, Hydrochloric, Carbolic or Nitric acid.

Polycarbonate is not suitable where Alkalis, Ethers/Esters, Aldehydes, Phenols, Ketones, Hydrocarbons, Halogenated organics, or Nitriles are in use. Polycarbonate is resistant to most substances used for disinfecting as long as the concentration is low.

## OPTIONS

- Electronic ballast
- Emergency pack (Electronic ballast models only)

## MODELS

SWP118CP	1/18w	SWP218CP	2/18w
SWP136CP	1/36w	SWP236CP	2/36w
SWP158CP	1/58w	SWP258CP	2/58w



SWP (IP65) WEATHERPROOF FLUORESCENT

003E

Manufactured to standards – IEC60598.1  
IEC60598.2.1  
IEC60598.2.2  
CISPR15  
EMC Compliant Supplier Code N1562 (Aust)



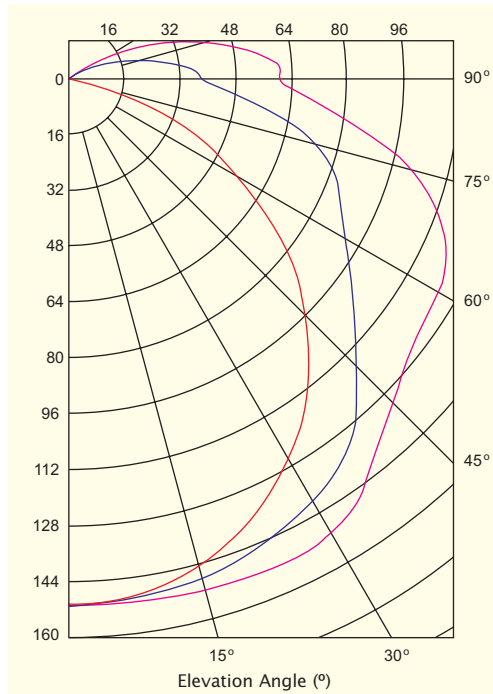
**DAVIS**  
LIGHTING

“When your  
business  
depends  
on light.”



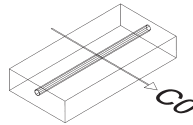
### 36 watt twin tube

#### POLAR CURVE Luminous intensity (cd / 1000 lm)



C0 Plane  
C45 Plane  
C90 Plane

CIE Aiming Convention  
CO Plane across the tube



#### LUMINOUS INTENSITY TABLE (CD/1000LMS)

γ GAMMA	C0	C22.5	C45	C67.5	C90
0°	150.9	150.9	150.9	150.9	150.9
5°	150.9	150.7	150.4	150.2	150.2
10°	151.2	150.6	149.6	148.2	148.1
15°	151.5	150.4	147.9	145.5	144.6
20°	152.2	150.1	145.8	141.4	139.7
25°	151.8	149.4	143.0	136.0	133.5
30°	150.5	147.4	139.6	129.7	125.9
35°	145.4	143.1	134.6	122.2	116.9
40°	137.7	134.8	127.7	114.1	107.6
45°	131.3	127.0	116.5	104.8	96.1
50°	126.1	120.9	107.0	93.0	83.7
55°	123.0	115.9	98.9	79.0	70.3
60°	122.0	113.1	91.3	67.6	56.4
65°	118.8	110.9	85.8	56.8	41.0
70°	112.4	104.6	80.7	47.5	25.7
75°	101.9	95.0	72.8	38.9	15.1
80°	84.7	77.9	60.6	30.5	7.5
85°	70.8	64.8	47.3	21.6	3.3
90°	60.2	54.2	37.7	14.7	2.1
95°	58.6	52.2	33.4	10.5	1.8
100°	49.9	43.3	26.0	7.0	1.5
105°	40.1	34.2	18.6	3.9	1.1
110°	30.2	24.7	11.7	2.2	0.8
115°	20.1	15.5	6.1	1.1	0.5
120°	11.2	7.9	3.5	0.5	0.3
125°	5.1	3.9	2.2	0.3	0.2
130°	3.0	2.5	1.1	0.2	0.2
135°	2.0	1.5	0.5	0.1	0.2
140°	1.1	0.8	0.2	0.1	0.1
145°	0.5	0.3	0	0	0
150°	0.2	0	0	0	0
155°	0	0	0	0	0
160°	0	0	0	0	0
165°	0	0	0	0	0
170°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

Average Luminance Table			
γ Gamma	C0	C45	C90
45°	748	699	694
55°	784	674	616
65°	890	701	475
75°	960	774	271
85°	938	749	142

Luminance in cd/m<sup>2</sup>/1000lms

LUMINOUS OPENING (18w):  
660x150x47mm  
LUMINOUS OPENING (36w):  
1260x150x47mm  
(58w):  
1560x150x47mm

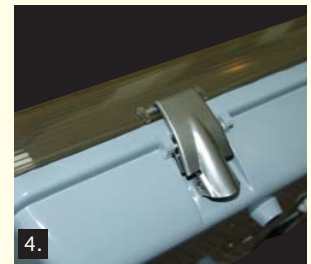
#### UTILISATION FACTOR TABLE – CIBSE TM5 (fine grid method min/ave 0.8)

LOR: 64.7%				SHR NOM: 1.75 : 1.0				SHR MAX: 1.80 : 1.0			
Reflectance				Room Index (K)							
Ceiling	Walls	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	N/A	0.39	0.43	0.47	0.51	0.54	0.57	0.60	0.62
0.70	0.30	0.20	N/A	0.34	0.38	0.42	0.47	0.50	0.53	0.57	0.59
0.70	0.10	0.20	N/A	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.56
0.50	0.50	0.20	N/A	0.37	0.41	0.44	0.48	0.51	0.53	0.56	0.58
0.50	0.30	0.20	N/A	0.32	0.37	0.40	0.44	0.48	0.50	0.53	0.56
0.50	0.10	0.20	N/A	0.29	0.33	0.36	0.41	0.45	0.47	0.51	0.53
0.30	0.50	0.20	N/A	0.35	0.39	0.41	0.45	0.48	0.50	0.53	0.54
0.30	0.30	0.20	N/A	0.31	0.35	0.38	0.42	0.45	0.47	0.50	0.52
0.30	0.10	0.20	N/A	0.28	0.32	0.35	0.39	0.43	0.45	0.48	0.51
0.00	0.00	0.00	N/A	0.26	0.29	0.32	0.36	0.39	0.41	0.44	0.46
Distribution Factors	Floor:		N/A	0.26	0.29	0.32	0.36	0.39	0.41	0.44	0.46
	Walls:		N/A	0.32	0.29	0.26	0.22	0.19	0.17	0.14	0.12
	Ceiling:		N/A	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Bz Numbers			N/A	5	6	6	6	6	6	6	6

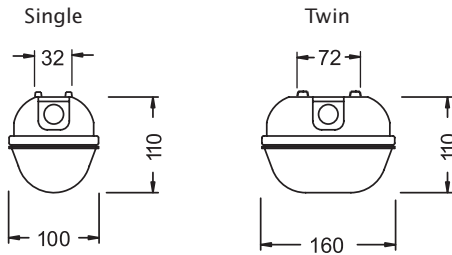
# SWP (IP65) WEATHERPROOF FLUORESCENT

## FEATURES

1. One piece silicon gasket.
2. Nylon gear tray fixing clips. No tools required for removal for maintenance.
3. The gear tray is retained by nylon lanyards when opened for maintenance.
4. Stainless steel diffuser retaining clips are supplied as standard. 18 watt models have four (4) clips, 36 watt, eight (8) clips & 58 watt ten (10) clips.
5. Nylon hanging system allows for pendant mounting.
6. Stainless steel mounting clips are provided. This allows mounting of the luminaire without the need for holes to be drilled into the body, thus maintaining the integrity of the IP65 rating.

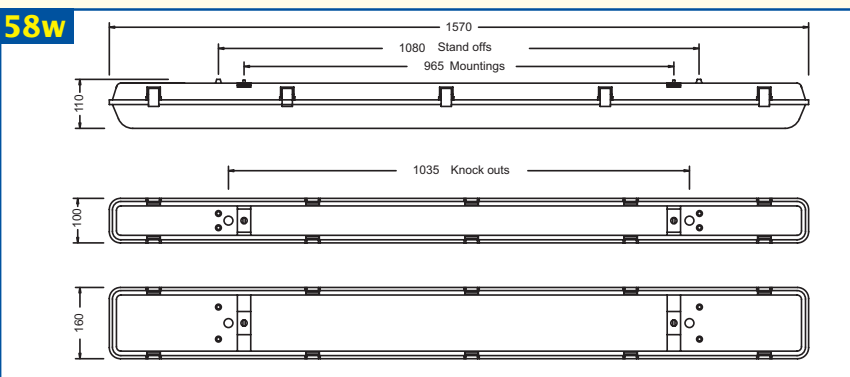
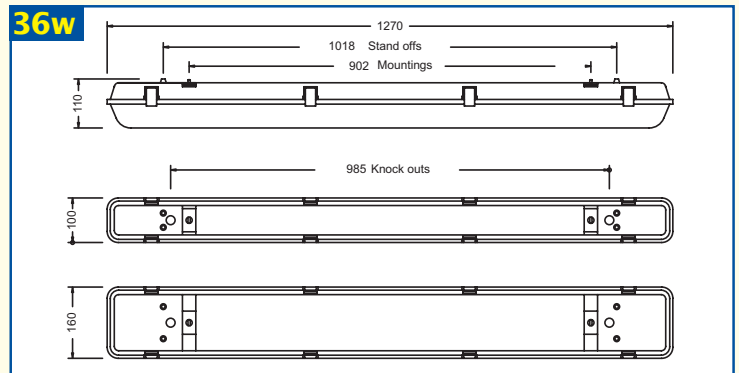
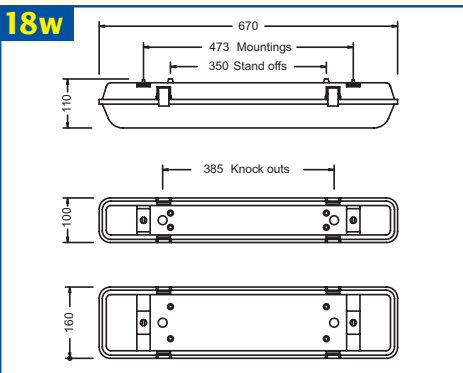


## DIMENSIONS

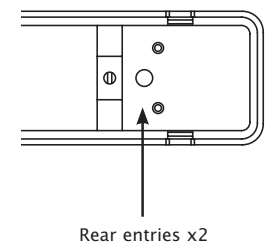


Wattage	Pendant (mm)	Surface (mm)
18	473	473x25
36	902	902x25
58	965	965x25

Mountings (Centre to centre)



## CABLE ENTRY KNOCKOUTS



**AUSTRALIA** ALL STATES Tel: 1300851001 **INDONESIA** JAKARTA Tel: +62 (21) 6904933 Fax: +62 (21) 6906987

**MALAYSIA** KUALA LUMPUR Tel: +60 (3) 5634348 Fax: +60 (3) 5634352 **PENANG** Tel: +60 (4) 5070580 Fax: +60 (4) 5070968

**SINGAPORE** Tel: +65 6742511 Fax: +65 6745828 **SOUTH PACIFIC ISLANDS** BRISBANE Tel: +61 (7) 38211315 Fax: +61 (7) 38211315

**THAILAND** BANGKOK Tel: +66 (2) 3825129 Fax: +66 (2) 3825128 **VIETNAM** HOCHIMINH CITY Tel: +84 8655011 Fax: +84 8622855

**Distributors in:** Bangladesh, Brunie, Fiji, Papua New Guinea, Sri Lanka

Lighting designs on request  
IES files on request or available on Davis website

Website: [www.davislighting.com](http://www.davislighting.com)

Email: [sales@davislighting.com](mailto:sales@davislighting.com)

Davis Lighting is a registered trade name

Davis Lighting reserves the right to change specifications and materials without prior notice.  
Materials and components may vary from region to region.



*"When your  
business  
depends  
on light."*