

# AWF WEATHER PROOF (IP65) LUMINAIRES 18/36/58 WATT

18/36/58 WATT AWF WEATHER PROOF (IP65) LUMINAIRES

## AWF236



### FEATURES

- Body constructed from corrosion resistant, glass reinforced, injection moulded polyester (Auto extinguishing type).
- Polycarbonate diffuser
- Superior strength with body thickness greater than 2.00mm.
- High quality, polyurethane poured gasket seal.
- IP65 Rated.
- Gear tray white powder coated, 0.6mm zinc steel.
- Flat body suitable for 38mm tubes for cold area starting.
- Cable entry complete with grommets at both ends.
- Available both HPF & LPF.
- Supplied complete with two part diffuser retaining toggles (8 per 36 Watt); (6 per 18 Watt); (10 per 58 watt).
- Stainless steel lockable toggles available on request.
- Suitable for emergency control gear (Except single tube 18 Watt).
- Suitable for pendant mounting.
- Quick detach, quarter turn gear tray fasteners for ease of installation.
- High quality electrical components and large bore terminal blocks.

### APPLICATION

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

- Marinas & Wharves
- Security Areas
- Service Stations
- Factories & Warehouses
- Public Buildings

### OPTIONS

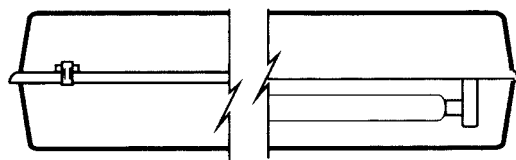
(Available on request)

- Stainless Steel Lockable Toggles
- Emergency Gear (Except single tube 18 Watt)
- Low Loss Ballasts
- Fused Terminal Blocks
- Through Wiring

### DIMENSIONS

AWF236 LPF

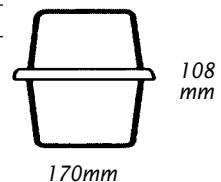
36 Watt - Length 1275mm



#### OTHER MODELS

AWF218 LPF  
- 18 Watt - Length 666mm

AWF258 LPF  
- 58 Watt - Length 1570mm

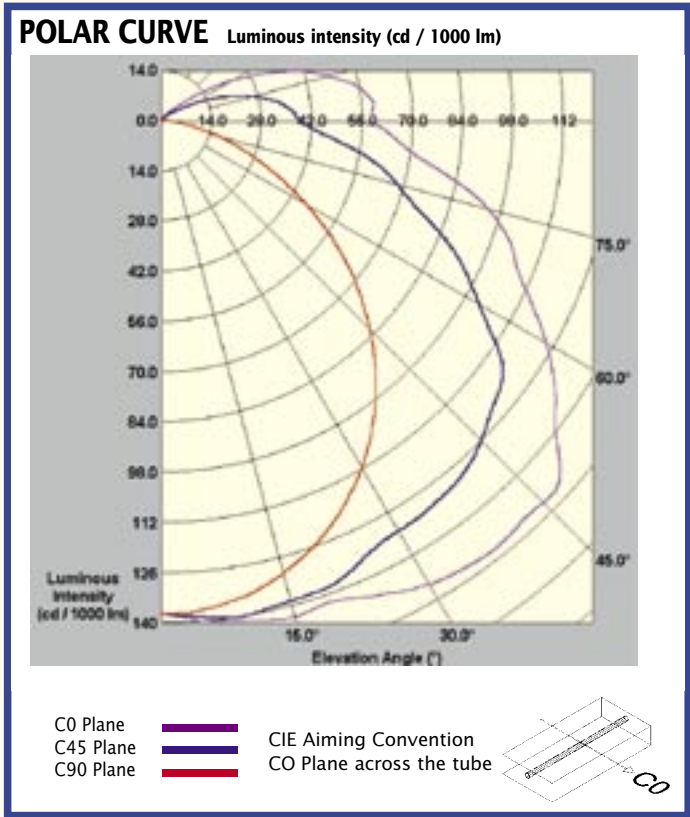


003B

Manufactured to standards –EN60598.1  
EN60598.2.1  
EN60598.2.2  
EN55015 (AS/NZS 4051)  
EMC Compliant Supplier Code N1562 (Aust)



“When your business depends on light.”



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

γ GAMMA	C0	C22.5	C45	C67.5	C90
0°	137.0	137.0	137.0	137.0	137.0
5°	140.0	140.0	139.0	137.0	137.0
10°	141.0	141.0	140.0	136.0	134.0
15°	143.0	143.0	138.0	135.0	131.0
20°	142.0	141.0	138.0	130.0	126.0
25°	146.0	143.0	134.0	125.0	119.0
30°	149.0	145.0	132.0	120.0	112.0
35°	151.0	146.0	131.0	113.0	103.0
40°	151.0	146.0	130.0	104.0	93.0
45°	150.0	144.0	126.0	97.0	82.0
50°	145.0	143.0	121.0	90.0	71.0
55°	134.0	130.0	116.0	82.0	59.0
60°	124.0	120.0	102.0	73.0	47.0
65°	112.0	108.0	92.0	62.0	35.0
70°	104.0	97.0	78.0	51.0	25.0
75°	94.0	90.0	68.0	40.0	17.0
80°	78.0	74.0	59.0	29.0	9.0
85°	66.0	62.0	46.0	22.0	4.1
90°	58.0	54.0	39.0	15.0	1.6
95°	60.0	54.0	36.0	14.0	1.3
100°	56.0	50.0	32.0	10.0	1.5
105°	48.0	43.0	26.0	7.4	1.1
110°	41.0	35.0	19.0	4.4	0.8
115°	31.0	26.0	14.0	2.6	0.4
120°	22.0	19.0	7.8	1.4	0.3
125°	14.0	10.0	4.2	0.8	0.1
130°	7.1	5.4	2.9	0.3	0.1
135°	4.5	4.0	2.1	0.0	0.0
140°	3.2	2.8	1.2	0.0	0.0
145°	2.1	1.7	0.5	0.0	0.0
150°	1.1	0.8	0.0	0.0	0.0
155°	0.2	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

**AVERAGE LUMINANCE TABLE**

γ Gamma	C0	C45	C90
45°	1179	819	505
55°	1279	855	406
65°	1416	813	282
75°	1842	778	172
85°	3082	781	57

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

**UTILISATION FACTOR TABLE - CIBSE TM5 (fine grid method min/ave 0.8)**

LOR: 66.2%			SHR NOM: 1.75 : 1.0					SHR MAX: 1.79 : 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	0.33	0.39	0.44	0.47	0.52	0.55	0.58	0.61	0.63
0.70	0.30	0.20	0.27	0.34	0.38	0.42	0.47	0.51	0.54	0.57	0.60
0.70	0.10	0.20	0.23	0.30	0.34	0.38	0.43	0.47	0.50	0.54	0.57
0.50	0.50	0.20	0.31	0.37	0.41	0.44	0.48	0.51	0.54	0.57	0.59
0.50	0.30	0.20	0.26	0.32	0.36	0.40	0.45	0.48	0.50	0.54	0.56
0.50	0.10	0.20	0.22	0.29	0.33	0.36	0.41	0.45	0.48	0.51	0.54
0.30	0.50	0.20	0.29	0.35	0.38	0.41	0.45	0.48	0.50	0.53	0.55
0.30	0.30	0.20	0.25	0.35	0.38	0.41	0.45	0.48	0.50	0.53	0.55
0.30	0.10	0.20	0.22	0.28	0.32	0.35	0.39	0.43	0.45	0.49	0.51
0.00	0.00	0.00	0.19	0.25	0.29	0.31	0.36	0.39	0.41	0.44	0.46
Distribution Factors	Floor:		0.19	0.23	0.28	0.30	0.35	0.38	0.40	0.43	0.46
	Walls:		0.39	0.35	0.31	0.28	0.23	0.20	0.18	0.15	0.13
	Ceiling:		0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Bz Numbers			6	6	6	6	6	6	6	6	6

Photometric data applies to 18 Watt and 58 Watt models also.

**MALAYSIA** KUALA LUMPUR Sales Office: Tel:(03) 5636 4348 Fax:(03) 5636 4352 **PENANG** Sales Office: Tel:(04) 507 0580 Fax:(04) 507 0968 **SINGAPORE** Sales Office: Tel: 6745 2511 Fax: 6745 5828 **AUSTRALIA** Sales ENQUIRIES ALL STATES: Tel: 1300 851 001 **NEW ZEALAND** AUCKLAND Sales Office (09) 2710204 Fax: (09) 2713144

Distributors in: Pacific Islands, New Zealand, United Kingdom, Vietnam, Thailand, Indonesia, Bangladesh, 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."