

ATLAS SURFACE MOUNT TWIN TUBE (NARROW)



Diffuser in hinged metal frame.

FEATURES

- Metal surfaces pretreated and de-greased before being polyester epoxy powder coated and baked for high protection and quality finish.
- High temperature internal wiring for added safety.
- Available in a wiring configuration to suit local market requirements.
- Low profile. Height is only 100mm.
- Diffuser in hinged metal frame for easy maintenance.
- Large 25mm cable entry provided for hard wiring.
- Metal powder coated white casing and hinged frame.
- Injection moulded plastic corners.
- Acrylic diffuser panels.
- Supplied standard with K12 diffuser.

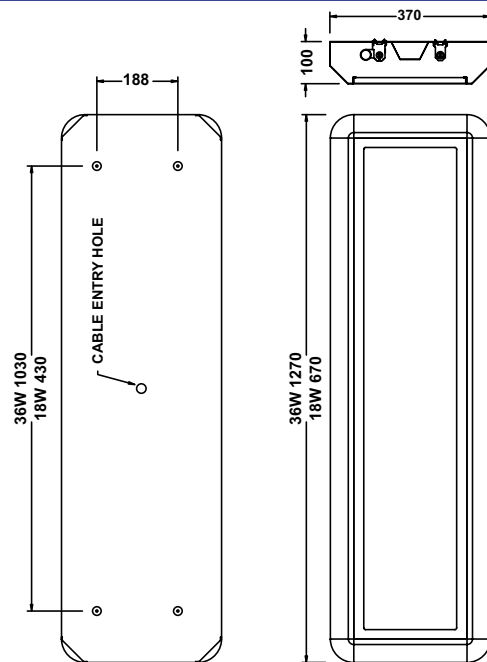
APPLICATION

This low profile surface mounted luminaire is suitable for many domestic or commercial applications, including schools, general offices, conference centres, & hospitals. It is suitable for VDU areas with the use of the KST (K19 silver tint) diffuser option.

OPTIONS

- Emergency packs
- Electronic dimmable
- Fused terminal blocks
- Blocking inductors
- Electronic starters
- A range of diffusers including K15, K19, KST (K19 silver tint), & opal. Other panels on request.

DIMENSIONS



Model No.	Wattage	Type
ATS218x	2/18w	Surface mount
ATS236x	2/36w	Surface mount

x in model number designates diffuser type:
K12, K15, K19, KST (K19 Silver tint), Opal.
Other panels on request

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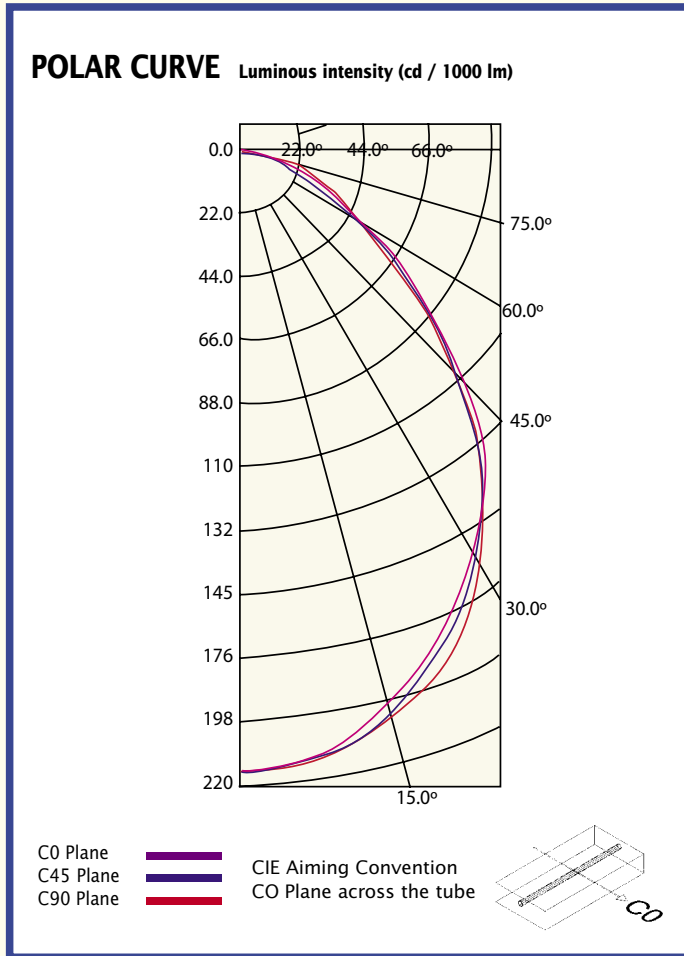
Manufactured to standards – IEC60598.1
IEC60598.2.1
IEC60598.2.2
CISPR15
EMC Compliant Supplier Code N1562 (Aust)



“When your
business
depends
on light.”

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18 watt and 36 watt with K12 diffuser



LUMINOUS INTENSITY TABLE (CD/1000LMS)					
γ GAMMA	C0	C22.5	C45	C67.5	C90
0°	216	216	216	216	216
5°	213	214	214	214	214
10°	207	208	209	210	211
15°	198	199	201	204	204
20°	187	188	190	194	195
25°	175	176	178	181	183
30°	162	162	163	165	167
35°	147	147	146	147	148
40°	131	128	126	126	128
45°	108	107	104	103	104
50°	85	86	85	82	81
55°	67	68	66	64	63
60°	50	50	47	46	48
65°	37	34	30	31	36
70°	28	23	19	23	27
75°	22	18	16	18	22
80°	14	13	12	13	14
85°	8	7	7	7	8
90°	0	0	0	0	0

LUMINOUS OPENING (18w): 518mm x 215mm
 LUMINOUS OPENING (36w): 1118mm x 215mm

AVERAGE LUMINANCE TABLE			
γ Gamma	C0	C45	C90
45°	633	614	614
55°	487	476	455
65°	362	296	351
75°	357	255	350
85°	358	354	361

Luminance in cd/m²/1000lms

UTILISATION FACTOR TABLE - CIBSE TM5 (fine grid method min/ave 0.8)											
LOR: 45%			SHR NOM: 1.25 : 1.0					SHR MAX: 1.45 : 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	0.29	0.33	0.36	0.38	0.41	0.43	0.45	0.46	0.47
0.70	0.30	0.20	0.26	0.30	0.33	0.36	0.39	0.41	0.43	0.45	0.46
0.70	0.10	0.20	0.23	0.28	0.31	0.33	0.37	0.39	0.41	0.43	0.45
0.50	0.50	0.20	0.28	0.32	0.35	0.37	0.40	0.42	0.43	0.44	0.45
0.50	0.30	0.20	0.25	0.30	0.33	0.35	0.38	0.40	0.41	0.43	0.44
0.50	0.10	0.20	0.23	0.28	0.31	0.33	0.36	0.38	0.40	0.42	0.43
0.30	0.50	0.20	0.28	0.32	0.34	0.36	0.39	0.40	0.41	0.43	0.44
0.30	0.30	0.20	0.25	0.29	0.32	0.34	0.37	0.39	0.40	0.42	0.43
0.30	0.10	0.20	0.23	0.27	0.30	0.32	0.35	0.37	0.39	0.41	0.42
0.00	0.00	0.00	0.22	0.26	0.29	0.31	0.34	0.36	0.37	0.39	0.40
Distribution Factors	Floor:		0.22	0.26	0.29	0.31	0.34	0.36	0.37	0.39	0.40
	Walls:		0.23	0.19	0.16	0.14	0.11	0.09	0.08	0.06	0.05
	Ceiling:		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bz Numbers			3	3	3	3	3	3	3	3	3

Photometric data applies to 18w and 36w models.

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 business
 depends
 on light."