

TRITON SURFACE MOUNTED LUMINAIRE 3x18/36 WATT



TR336

FEATURES

- Wrap around diffuser with K19 bottom and prismatic sides and ends.
- Low profile design for clean ceiling lines.
- 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.
- Designed for quick and easy installation to save both time and money.
- Large 16 amp 6mm terminal blocks for fast, easy cable connections.
- Diffuser easily removed and replaced for servicing.
- Gear tray is quickly and easily removed by simply loosening two slotted screws.
- Available in a wiring configuration to suit local market requirements.

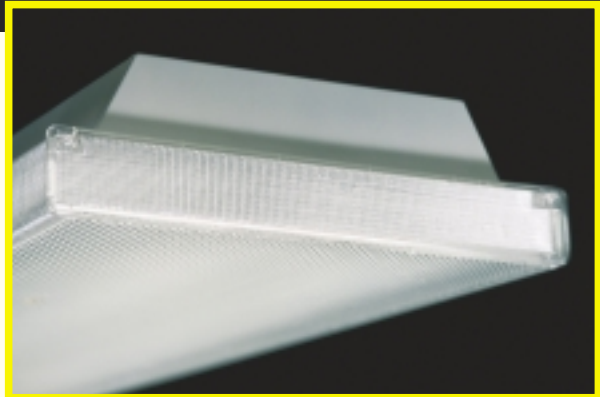
APPLICATION

This multi-purpose luminaire is suitable for most domestic, commercial and industrial applications, providing optimum lighting levels at the lowest cost.

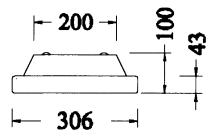
OPTIONS

(Available on request)

- Emergency Modules
- Electronic & Low Loss Ballasts
- Dimming Gear
- Special Wiring



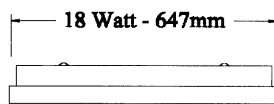
DIMENSIONS



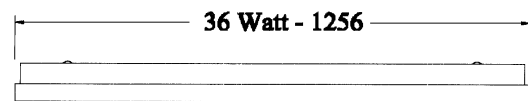
OTHER MODELS

TR 318 - 18 Watt

TR318



TR336



3x18/36 WATT TRITON SURFACE MOUNTED LUMINAIRE

004B

Manufactured to standards – EN60598.1
EN60598.2.1
EN60598.2.2

EN55015 (AS/NZS 4051)
EMC Compliant Supplier Code N1562 (Aust)



SIRIM
CERTIFIED TO MS ISO 9002
REGISTRATION No: AR1248



*“When your
business
depends
on light.”*

TRITON SERIES

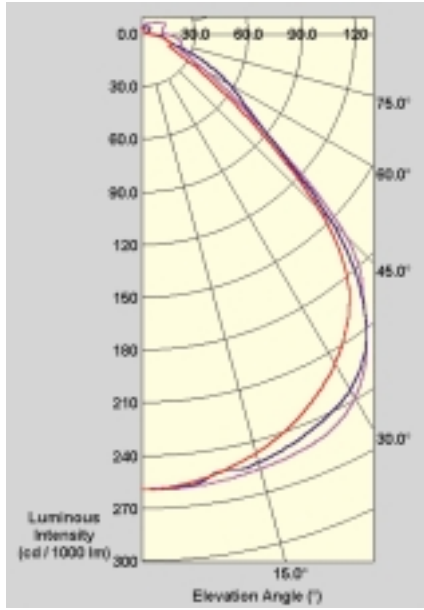
Surface mounted luminaire with K19 wrap around diffuser

Photometric data also applies to 18 watt model

TR336 Surface Mount

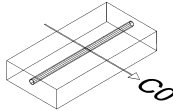
TR318 Surface Mount

POLAR CURVE cd/1000lms 1 Max 259cd in CO plane at 0° gamma



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°	259.0	259.0	259.0	259.0	259.0
5°	259.1	258.3	258.2	257.4	257.3
10°	257.8	256.5	251.2	253.2	253.0
15°	255.8	254.1	252.2	247.9	247.0
20°	253.6	250.8	247.9	241.2	238.9
25°	249.7	246.6	241.9	232.9	228.9
30°	239.5	237.9	234.2	222.3	216.6
35°	220.3	220.3	219.5	208.5	201.3
40°	193.5	192.7	192.4	183.1	180.5
45°	163.9	163.2	151.8	146.2	141.6
50°	99.9	107.6	98.1	99.6	89.2
55°	64.3	75.4	71.6	70.3	52.2
60°	41.9	56.2	56.9	50.6	29.6
65°	27.5	42.7	41.8	35.7	17.2
70°	21.9	33.1	25.7	24.6	18.3
75°	22.9	28.0	14.6	23.8	15.4
80°	21.9	25.6	13.5	17.3	13.1
85°	18.8	19.3	10.6	10.3	6.8
90°	13.6	12.5	5.2	4.7	1.8
95°	11.7	9.5	3.4	3.4	2.1
100°	11.8	9.5	3.5	3.6	2.8
105°	12.2	9.9	3.7	3.9	3.2
110°	13.4	10.7	4.2	3.9	3.3
115°	14.3	11.6	4.7	3.7	2.8
120°	12.8	11.4	5.2	3.4	2.7
125°	11.5	10.4	5.6	3.2	2.5
130°	10.6	9.7	6.0	3.1	2.4
135°	9.1	8.3	5.9	3.1	2.5
140°	8.0	7.5	5.4	3.2	2.7
145°	7.5	7.1	5.2	3.5	2.8
150°	7.1	6.7	5.1	3.7	3.0
155°	6.6	6.3	4.9	3.7	3.2
160°	5.8	5.3	4.4	3.7	3.3
165°	5.2	4.3	4.0	3.6	3.4
170°	4.5	3.6	3.7	3.4	3.3
175°	4.1	3.2	3.3	3.3	3.3
180°	3.8	3.1	3.3	3.2	3.3

AVERAGE LUMINANCE TABLE

γ Gamma	C0	C45	C90
45°	539	506	510
55°	248	282	229
65°	134	208	99.9
75°	157	104	139
85°	227	138	151

Luminance in cd/m²/1000lms

LUMINOUS OPENING: 36 Watt 1256 x 306 x 43mm

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

LOR: 62.9%			SHR NOM: 1.5 : 1.0					SHR MAX: 1.5 : 1.0			
Reflectance			Room Index (K)								
Ceiling	Wall	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	0.43	0.47	0.51	0.54	0.58	0.60	0.62	0.64	0.65
0.70	0.30	0.20	0.39	0.44	0.48	0.50	0.54	0.57	0.59	0.62	0.63
0.70	0.10	0.20	0.36	0.41	0.45	0.48	0.52	0.55	0.57	0.60	0.62
0.50	0.50	0.20	0.41	0.46	0.49	0.52	0.55	0.57	0.59	0.61	0.62
0.50	0.30	0.20	0.38	0.43	0.46	0.49	0.53	0.55	0.57	0.59	0.60
0.50	0.10	0.20	0.36	0.40	0.44	0.47	0.50	0.53	0.55	0.57	0.59
0.30	0.50	0.20	0.40	0.44	0.48	0.50	0.53	0.55	0.56	0.58	0.59
0.30	0.30	0.20	0.37	0.42	0.45	0.47	0.51	0.53	0.54	0.56	0.58
0.30	0.10	0.20	0.35	0.39	0.43	0.45	0.49	0.51	0.53	0.55	0.57
0.00	0.00	0.00	0.34	0.37	0.41	0.43	0.46	0.48	0.50	0.52	0.53
Distribution Factors		Floor:	0.34	0.37	0.41	0.43	0.46	0.48	0.50	0.52	0.53
		Walls:	0.26	0.22	0.18	0.16	0.13	0.11	0.09	0.07	0.06
		Ceiling:	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Bz Numbers			2	2	2	2	2	2	3	3	3

MALAYSIA

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