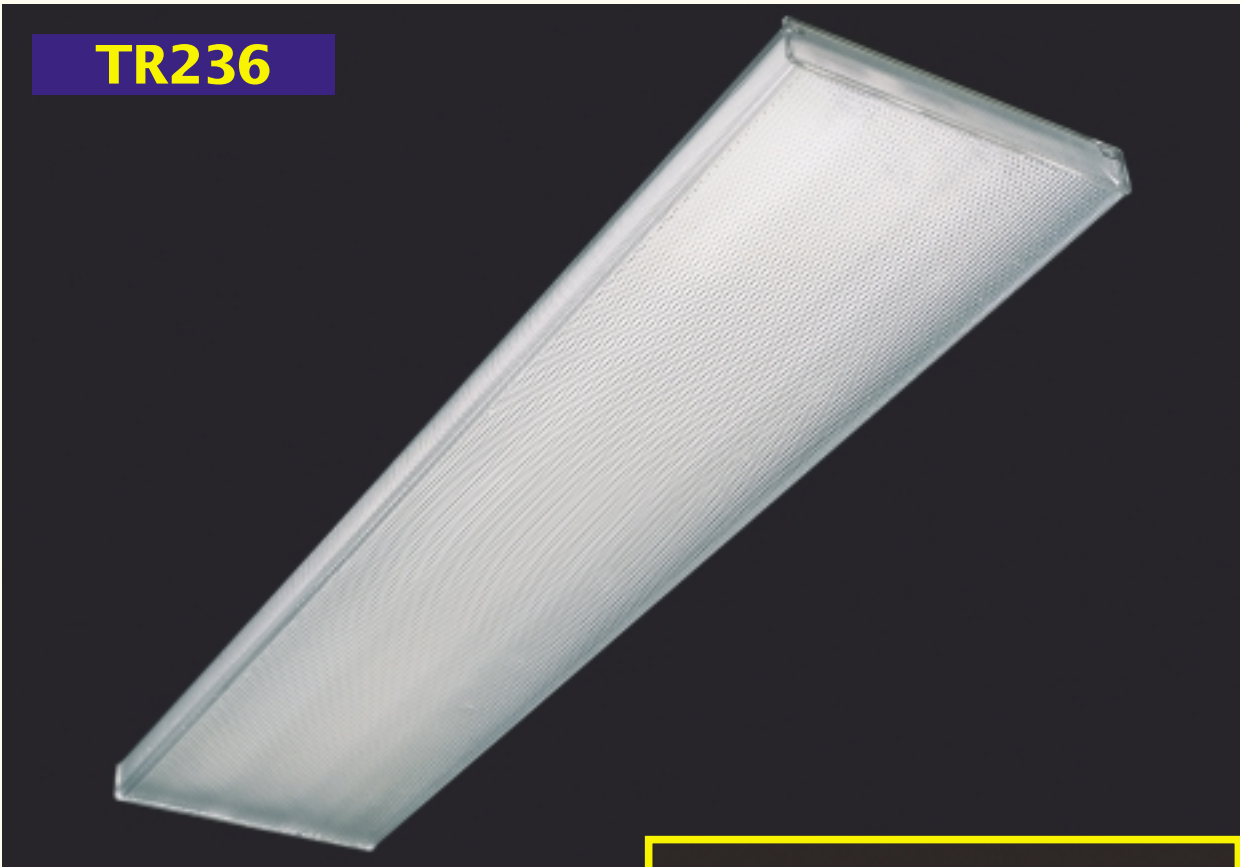


# TRITON SURFACE MOUNTED LUMINAIRE 2 x 18/36 WATT

## TR236



### FEATURES

- Wrap around diffuser with K19 bottom and prismatic sides and ends.
- Low profile design for clean ceiling lines with an overall depth of just 65mm.
- 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.

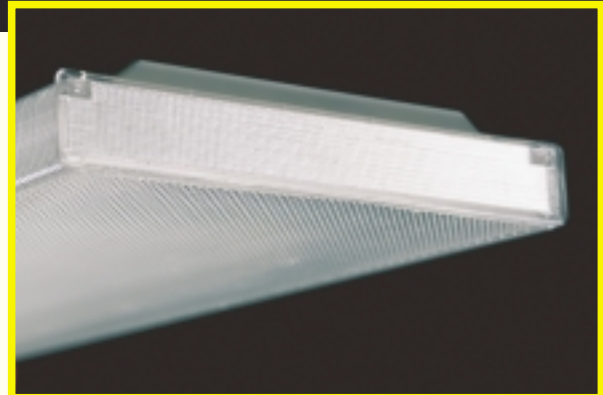
### APPLICATION

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

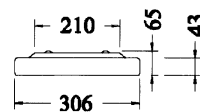
### OPTIONS

(Available on request)

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



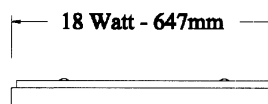
### DIMENSIONS



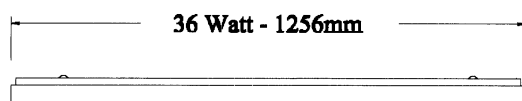
#### OTHER MODELS

TR 218 - 18 Watt

#### TR218



#### TR236



2 x 18/36 WATT TRITON SURFACE MOUNTED LUMINAIRE

004A

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

EMC Compliant Supplier Code N1562 (Aust)

EN55015 (AS/NZS 4051)



“When your business depends on light.”

# TRITON SERIES

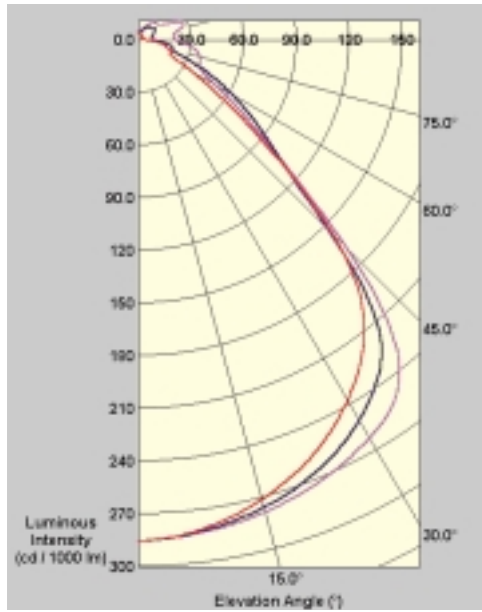
Surface mounted luminaire with K19 wrap around diffuser

Photometric data also applies to 18 watt model

TR236 Surface Mount

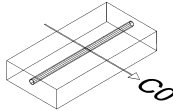
TR218 Surface Mount

**POLAR CURVE** cd/1000lms 1 Max 285.2cd in CO plane at 0° gamma



CO 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°	285.2	285.2	285.2	285.2	285.2
5°	283.5	283.9	283.6	283.2	283.0
10°	281.5	281.1	280.0	278.5	277.9
15°	278.2	277.7	275.4	272.4	270.9
20°	274.0	273.3	269.5	264.9	262.3
25°	268.7	266.8	261.4	254.7	251.1
30°	262.0	258.9	250.6	242.5	237.5
35°	253.2	248.6	236.9	226.4	221.4
40°	229.5	224.7	213.4	203.4	199.0
45°	168.5	165.7	152.7	157.5	157.7
50°	105.1	115.5	104.5	109.5	100.0
55°	71.4	86.2	81.3	78.8	59.1
60°	49.8	67.0	61.3	56.6	33.8
65°	38.4	52.7	42.9	39.6	19.7
70°	37.2	43.6	26.0	30.3	20.7
75°	36.0	40.3	19.8	27.5	17.3
80°	33.5	34.6	19.0	17.2	14.7
85°	27.3	27.0	13.9	11.8	7.6
90°	21.3	19.4	7.6	4.5	1.7
95°	20.1	18.3	7.4	4.5	2.0
100°	20.8	18.5	7.7	4.6	2.6
105°	24.5	20.0	8.4	4.8	3.3
110°	27.8	21.7	9.1	5.5	3.5
115°	24.1	22.1	9.8	5.8	3.1
120°	17.6	18.1	10.6	5.2	3.0
125°	14.5	14.7	11.6	5.0	2.8
130°	13.8	13.2	10.3	4.8	2.6
135°	13.9	12.9	9.6	4.9	2.7
140°	12.5	12.2	9.5	5.3	3.0
145°	10.8	10.7	8.6	5.3	3.2
150°	9.1	9.2	7.5	5.2	3.4
155°	7.5	7.7	6.6	5.1	3.6
160°	6.1	6.4	5.8	4.8	3.8
165°	5.6	5.2	5.2	4.5	3.9
170°	5.5	4.5	4.5	4.2	4.0
175°	4.9	3.7	4.1	4.0	3.9
180°	4.6	3.5	3.8	3.9	3.9

**AVERAGE LUMINANCE TABLE**

γ Gamma	C0	C45	C90
45°	554	509	567
55°	276	320	259
65°	186	214	115
75°	246	141	156
85°	330	181	168

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

LUMINOUS OPENING: 36 Watt 1256 x 306 x 43mm

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

LOR: 71.9%				SHR NOM: 1.25 : 1.0					SHR MAX: 1.45 : 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	0.44	0.51	0.56	0.59	0.63	0.66	0.69	0.71	0.73	
0.70	0.30	0.20	0.39	0.46	0.51	0.55	0.60	0.63	0.65	0.69	0.71	
0.70	0.10	0.20	0.36	0.43	0.48	0.51	0.56	0.60	0.63	0.66	0.69	
0.50	0.50	0.20	0.43	0.49	0.53	0.56	0.60	0.63	0.65	0.67	0.69	
0.50	0.30	0.20	0.38	0.45	0.49	0.53	0.57	0.60	0.62	0.65	0.67	
0.50	0.10	0.20	0.35	0.42	0.46	0.50	0.54	0.58	0.60	0.63	0.65	
0.30	0.50	0.20	0.41	0.47	0.51	0.54	0.57	0.60	0.62	0.64	0.65	
0.30	0.30	0.20	0.37	0.44	0.48	0.51	0.55	0.58	0.59	0.62	0.64	
0.30	0.10	0.20	0.35	0.41	0.45	0.48	0.53	0.56	0.58	0.61	0.62	
0.00	0.00	0.00	0.33	0.38	0.42	0.45	0.49	0.52	0.54	0.56	0.58	
Distribution Factors		Floor:	0.33	0.38	0.42	0.45	0.49	0.52	0.54	0.56	0.58	
		Walls:	0.33	0.27	0.23	0.20	0.17	0.14	0.12	0.10	0.08	
		Ceiling:	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
Bz Numbers			3	3	3	3	3	3	3	4	4	

**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**

SINGAPORE Sales Office: Tel: 745 2511 Fax: 745 5828

**AUSTRALIA**

**SALES ENQUIRIES ALL STATES**

**1300 851 001**

Distributors in: Pacific Islands, New Zealand, United Kingdom, Vietnam

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



"When your  
business  
depends  
on light."