

# LEDA SEMI LOW BRIGHT 2 x 18 WATT 600 x 300mm (Nom)

600 x 300mm (nom) 2 x 18 WATT LEDA SEMI LOW BRIGHT

## RECESSED T-BAR – LET218S



### SPECULAR LOUVRE

#### FEATURES

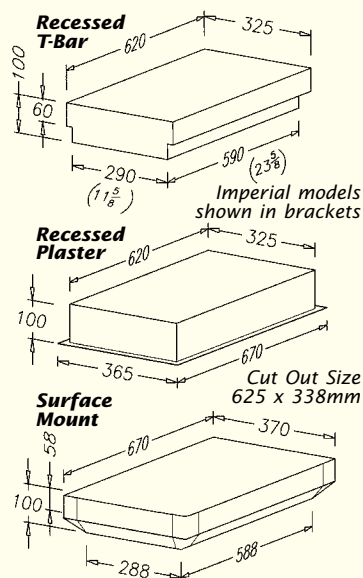
- High grade aluminium louvres for long life and superior performance.
- Hinged louvre for easy tube replacement.
- Available in code, low loss or electronic ballast.
- Louvres also available in matt finish.
- Metal surfaces pretreated and degreased before being polyester epoxy powder coated and baked for high protection and quality finish.
- High reflectivity (94%) paint.
- Designed for quick and easy installation to save both time and money.
- Low profile 100mm depth for ease of installation where limited ceiling space is a problem.
- Surface Mount features attractive sleek styling for low profile appearance.
- High temperature internal wiring for added safety.
- Control gear mounting tray with holes pre-tapped for ease of ballast replacement.
- T-Bar and Recessed Plaster supplied with either 1.5 metre of flex and plug or for fixed wiring.

#### APPLICATION

The **Leda Semi Low Bright** is particularly suitable for shopping centres, display areas and where vertical illumination is important.

This range is available in models to suit recessed T-bar ceilings, recessed plaster ceilings and low profile surface mounting.

#### DIMENSIONS



#### RECESSED PLASTER LEP218S



Luminaire can be fixed from the ends by crank bracket supplied or from the side using the preformed holes. Battening is required to a maximum height of 45mm including ceiling sheet.

#### SURFACE MOUNT LES218S



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.”

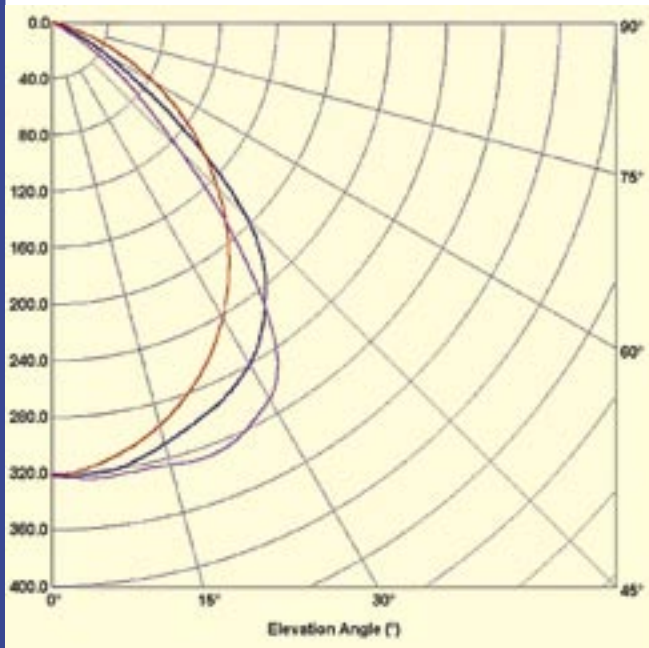
# LEDA SERIES

2x5 Cell 2/18 watt 300mm wide with Specular louvre  
Photometric data applies to all three models

**LET218S Recessed T/Bar**  
**LEP218S Recessed Plaster**  
**LES218S Surface Mount**

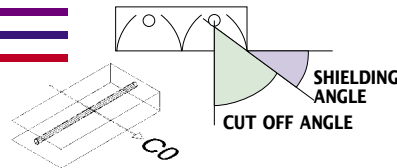
## POLAR CURVE

cd/1000lms 1 Max 325.6cd in CO plane at 30° gamma



C0 Plane (cut off angle 45°)  
C45 Plane  
C90 Plane (cut off angle 75°)

CIE Aiming Convention  
CO Plane across the tube



## LUMINOUS INTENSITY TABLE (cd/1000lms)

γ Gamma	C0	C22.5	C45	C67.5	C90
0°	265.0	265.0	265.0	265.0	265.0
5°	261.3	260.8	261.0	263.2	264.0
10°	271.9	268.2	262.7	256.3	258.5
15°	286.6	282.0	270.4	251.9	251.2
20°	303.7	297.7	276.8	248.2	240.3
25°	318.4	313.3	282.9	242.5	226.3
30°	325.6	321.6	286.2	233.9	209.5
35°	310.8	315.2	280.2	223.3	191.0
40°	244.5	255.1	262.2	210.5	170.6
45°	178.9	191.0	212.7	194.5	148.1
50°	115.8	124.7	151.3	168.8	123.2
55°	79.6	85.5	94.2	138.0	97.6
60°	45.6	51.5	55.5	95.6	72.5
65°	14.8	20.5	29.6	52.0	47.1
70°	5.2	5.7	10.6	23.9	25.1
75°	3.5	3.5	6.2	10.6	10.8
80°	2.2	2.5	3.5	5.2	5.7
85°	0.7	1.0	1.5	2.2	2.2
90°	0.0	0.0	0.0	0.0	0.0

LUMINOUS OPENING: 534mm X 234mm

## AVERAGE LUMINANCE TABLE

γ Gamma	C0	C45	C90
45°	2020	2410	1680
55°	1110	1310	1360
65°	280	561	892
75°	108	192	334
85°	64.3	138	202

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

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

LOR: 67.5%				SHR NOM: 1.25 : 1.0					SHR MAX: 1.31 : 1.0			
Reflectance			0.75	Room Index (K)								
Ceiling	Wall	Floor		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	0.68	0.71	0.72	
0.70	0.30	0.20	0.39	0.47	0.52	0.55	0.60	0.63	0.65	0.68	0.70	
0.70	0.10	0.20	0.36	0.44	0.49	0.52	0.57	0.61	0.63	0.67	0.69	
0.50	0.50	0.20	0.43	0.50	0.54	0.57	0.61	0.64	0.66	0.68	0.69	
0.50	0.30	0.20	0.39	0.46	0.51	0.54	0.59	0.62	0.64	0.66	0.68	
0.50	0.10	0.20	0.36	0.43	0.48	0.52	0.56	0.59	0.62	0.65	0.66	
0.30	0.50	0.20	0.42	0.49	0.53	0.56	0.60	0.62	0.63	0.66	0.67	
0.30	0.30	0.20	0.42	0.49	0.53	0.56	0.60	0.62	0.63	0.66	0.67	
0.30	0.10	0.20	0.36	0.43	0.47	0.51	0.55	0.58	0.60	0.63	0.64	
0.00	0.00	0.00	0.34	0.41	0.46	0.49	0.53	0.56	0.58	0.60	0.61	
Distribution Factors		Floor:	0.39	0.44	0.48	0.51	0.55	0.57	0.59	0.61	0.62	
		Wall:	0.29	0.23	0.19	0.16	0.13	0.10	0.09	0.07	0.05	
		Ceiling:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
BZ Numbers:			2	2	2	2	2	2	2	2	2	

**MALAYSIA** KUALA LUMPUR Sales Office: Tel:(03) 5636 4348 Fax:(03) 5636 4352 **PENANG** Sales Office: Tel:(04) 507 0580  
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Lighting designs on request  
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# LEDA SEMI LOW BRIGHT 2 x 36 WATT 1200 x 300mm (Nom)

1200 x 300mm (nom) 2 x 36 WATT LEDA SEMI LOW BRIGHT

## RECESSED T-BAR – LET236S



## SPECULAR LOUVRE

### FEATURES

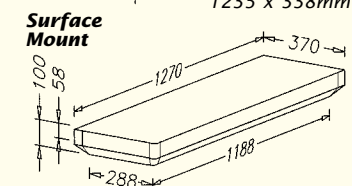
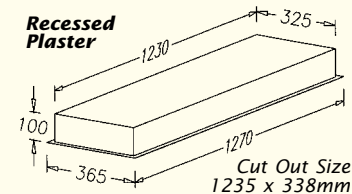
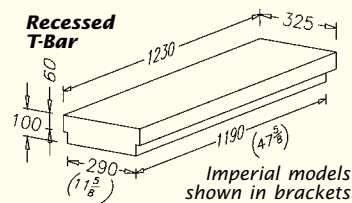
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### DIMENSIONS



## RECESSED PLASTER LEP236S



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## SURFACE MOUNT LES236S



005E

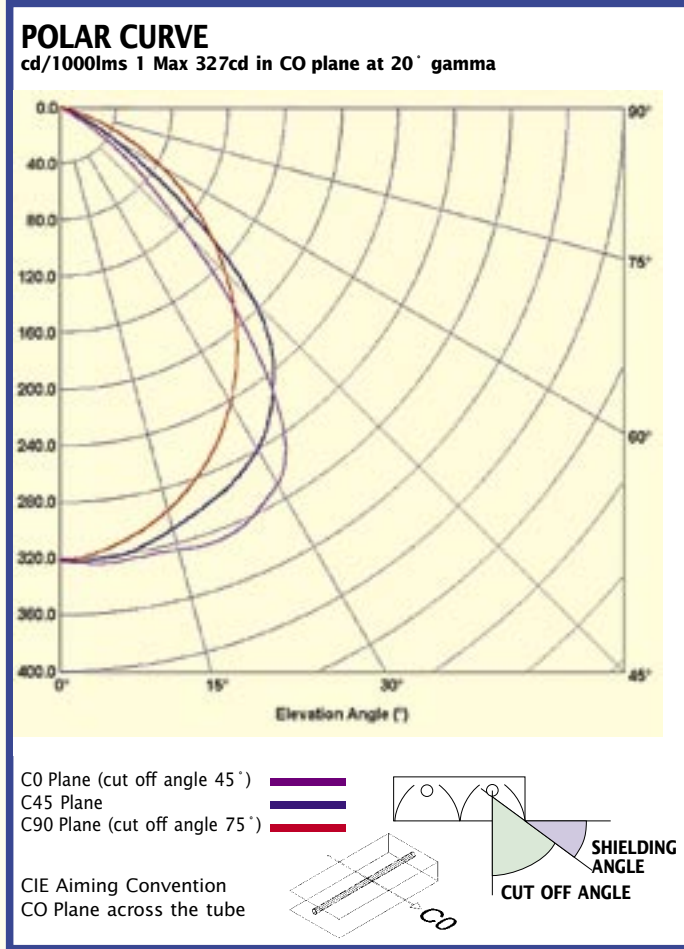
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Photometric data applies to all three models



## LET236S Recessed T/Bar LEP236S Recessed Plaster LES236S Surface Mount

γ Gamma	C0	C22.5	C45	C67.5	C90
0°	321	321	321	321	321
5°	325	324	321	319	316
10°	323	322	318	313	308
15°	324	318	309	303	296
20°	327	318	300	290	281
25°	321	313	292	272	263
30°	309	298	280	253	242
35°	278	277	261	232	219
40°	205	221	236	211	194
45°	129	148	196	187	166
50°	79.1	85.9	134	161	139
55°	45	52.2	78	127	111
60°	16.1	24	43.6	91.7	82.8
65°	4	7.3	21.4	52.1	55.6
70°	2.4	5.1	9.2	22.9	31.2
75°	1.6	4.2	6.9	10.7	12.5
80°	0.6	2.7	4.2	5.7	6.8
85°	0	0.7	1.6	2.2	2.7
90°	0	0	0	0	0

LUMINOUS OPENING: 1134mm x 234mm

γ Gamma	C0	C45	C90
45°	688	1040	887
55°	296	512	729
65°	35.7	191	496
75°	23.3	100	182
85°	0.0	69.2	117

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

LOR: 65.5%				SHR NOM: 1.5 : 1.0					SHR MAX: 1.5 : 1.0			
Reflectance			0.75	Room Index (K)								
Ceiling	Wall	Floor		1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.49	0.54	0.58	0.60	0.64	0.66	0.68	0.70	0.71	
0.70	0.30	0.20	0.45	0.50	0.54	0.57	0.61	0.64	0.65	0.68	0.69	
0.70	0.10	0.20	0.42	0.47	0.51	0.55	0.59	0.61	0.63	0.66	0.68	
0.50	0.50	0.20	0.48	0.52	0.56	0.59	0.62	0.64	0.65	0.67	0.68	
0.50	0.30	0.20	0.44	0.49	0.53	0.56	0.60	0.62	0.63	0.66	0.67	
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0.30	0.30	0.20	0.44	0.49	0.52	0.55	0.58	0.60	0.62	0.64	0.65	
0.30	0.10	0.20	0.42	0.46	0.50	0.53	0.57	0.59	0.60	0.62	0.64	
0.00	0.00	0.00	0.40	0.45	0.49	0.51	0.54	0.56	0.58	0.60	0.61	
Distribution Factors		Floor:	0.40	0.45	0.49	0.51	0.54	0.56	0.58	0.60	0.61	
		Wall:	0.25	0.21	0.17	0.14	0.11	0.09	0.08	0.06	0.05	
		Ceiling:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
BZ Numbers:			1	1	1	1	1	1	1	1	1	

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