

RHEA LOW BRIGHT 2 x 18 WATT 600 x 300mm (Nom)

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

RECESSED T-BAR – RHT218S



SPECULAR LOUVRE – VDU CAT3 (CIBSE : LG3)

FEATURES

- Suitable for all areas where VDUs are in use.
- 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 **Rhea Low Bright Luminaire** is designed to comply with British CIBSE standard LG3, and is a Category 3 luminaire.

CIBSE : LG3 deals with lighting requirements for display screen (VDU) areas in the workplace, and sets maximum luminance

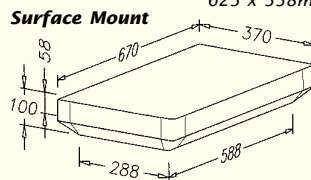
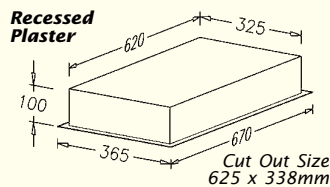
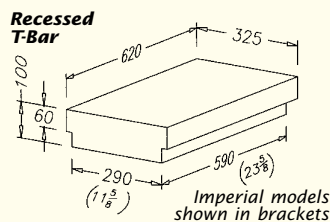
limits from the luminaire over a range of angles, to achieve comfortable glare-free conditions in the workplace.

The **Rhea** range of **Low Bright** luminaires with their Category 3 rating are an ideal choice for use in general office and VDU workstation areas where visual comfort and a glare-free environment 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 RHP218S



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 RHS218S



006A

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.”

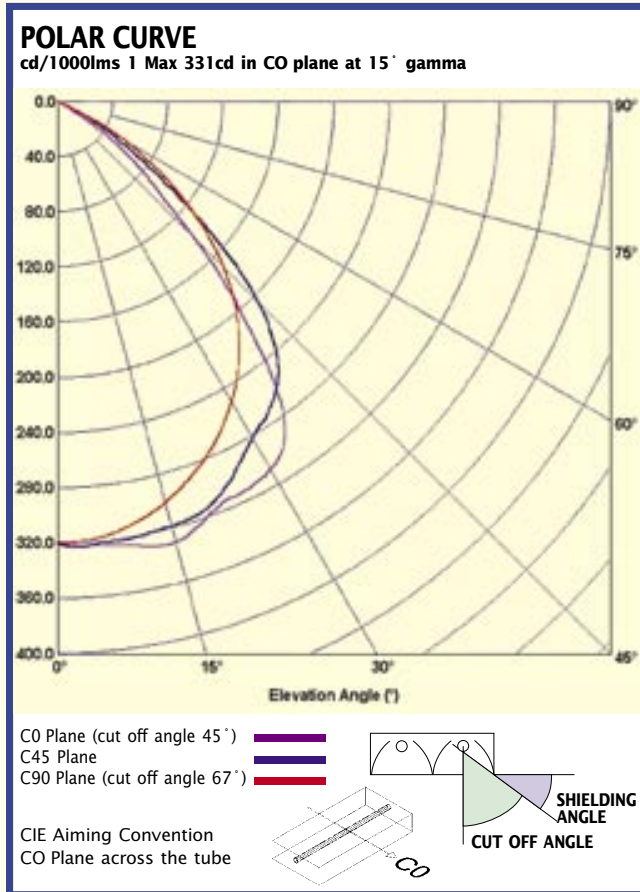
RHEA SERIES

2x4 Cell 2/18 watt 300mm wide with Specular louvre
VDU Areas as per CIBSE LG3

Luminaire is classified CAT3 for both negative and positive screen areas.

Photometric data applies to all three models

RHT218S Recessed T/Bar
RHP218S Recessed Plaster
RHS218S Surface Mount



γ Gamma	C0	C22.5	C45	C67.5	C90
0°	320	320	320	320	320
5°	323	323	321	320	317
10°	326	324	320	316	311
15°	331	328	318	308	301
20°	319	319	314	296	287
25°	313	308	300	283	271
30°	308	303	281	268	251
35°	288	289	269	250	229
40°	216	241	248	225	202
45°	142	156	206	196	170
50°	84.2	94.6	138	164	133
55°	47.3	57.3	75	114	94.1
60°	10.9	22.8	39.1	59	56.5
65°	3.2	7.3	13.8	15	17.5
70°	1.5	3.2	1.2	1.2	1.5
75°	0.5	0.2	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0

LUMINOUS OPENING: 534mm x 234mm

γ Gamma	C0	C45	C90
45°	1600	2330	1930
55°	660	1050	1310
65°	60.6	261	331
75°	15.5	0.0	0.0
85°	0.0	0.0	0.0

Luminance in cd/m²/1000lms

LOR: 64.4%				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	0.49	0.54	0.58	0.61	0.64	0.66	0.67	0.69	0.70	
0.70	0.30	0.20	0.46	0.51	0.55	0.58	0.61	0.64	0.65	0.67	0.69	
0.70	0.10	0.20	0.43	0.48	0.52	0.55	0.59	0.62	0.64	0.66	0.68	
0.50	0.50	0.20	0.48	0.53	0.57	0.59	0.62	0.64	0.65	0.67	0.68	
0.50	0.30	0.20	0.45	0.50	0.54	0.57	0.60	0.62	0.63	0.65	0.66	
0.50	0.10	0.20	0.43	0.48	0.52	0.55	0.58	0.60	0.62	0.64	0.65	
0.30	0.50	0.20	0.48	0.52	0.55	0.58	0.60	0.62	0.63	0.64	0.65	
0.30	0.30	0.20	0.45	0.49	0.53	0.55	0.59	0.60	0.62	0.63	0.64	
0.30	0.10	0.20	0.43	0.47	0.51	0.54	0.57	0.59	0.61	0.62	0.64	
0.00	0.00	0.00	0.42	0.46	0.50	0.52	0.55	0.57	0.58	0.60	0.61	
		Floor:	0.42	0.46	0.50	0.52	0.55	0.57	0.58	0.60	0.61	
		Wall:	0.23	0.18	0.15	0.12	0.09	0.08	0.06	0.05	0.04	
		Ceiling:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		Distribution Factors										
		BZ Numbers:	1	1	1	1	1	1	1	1	1	1

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Distributors in: Pacific Islands, New Zealand, United Kingdom, Vietnam, Thailand, Indonesia, Bangladesh, Sri Lanka

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Email: sales@davislighting.com
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Materials and components may vary from region to region.



"When your business depends on light."

RHEA LOW BRIGHT 2 x 36 WATT 1200 x 300mm (Nom)

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

RECESSED T-BAR – RHT236S



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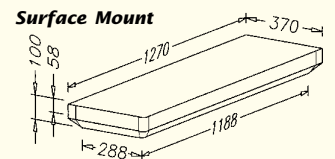
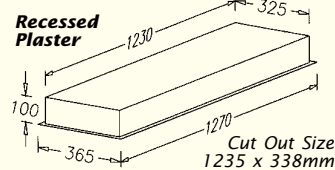
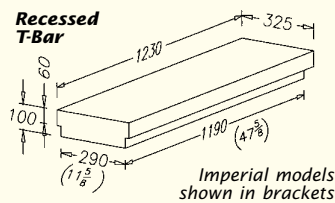
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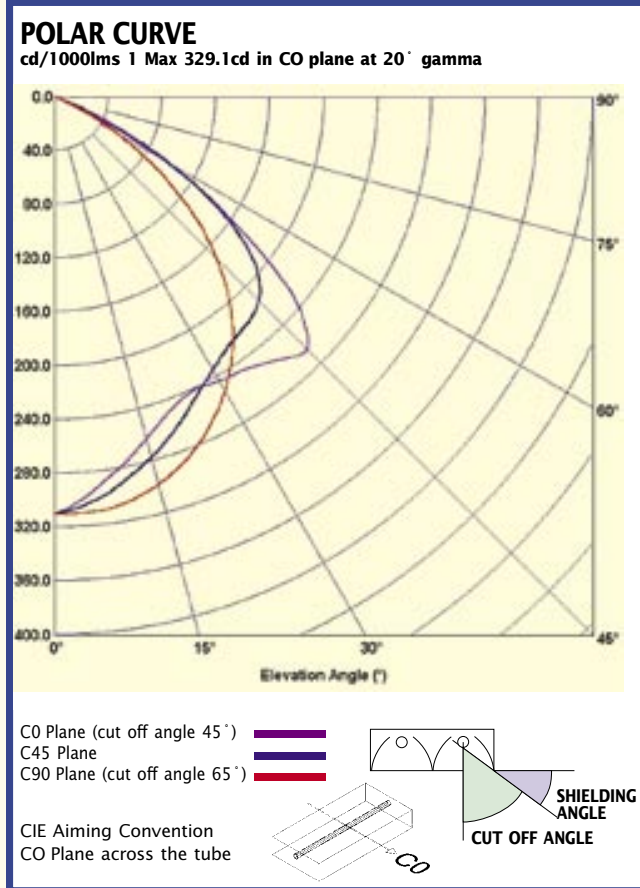


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5°	298.6	297.5	294.3	290.5	289.1
10°	316.5	314.3	305.5	292.1	285.0
15°	326.9	324.5	313.8	292.8	277.1
20°	329.1	327.5	314.0	290.0	266.3
25°	313.3	313.9	309.3	284.4	252.7
30°	307.2	303.7	292.8	273.0	235.7
35°	289.7	294.4	275.4	257.4	215.0
40°	243.5	256.6	260.5	235.5	190.8
45°	150.2	179.6	222.0	206.8	163.7
50°	95.3	111.1	159.4	172.1	131.7
55°	54.6	69.4	87.4	123.6	93.4
60°	15.4	32.6	43.5	63.1	54.1
65°	4.6	10.9	16.4	14.9	17.8
70°	2.6	4.7	2.1	1.4	1.4
75°	1.3	1.1	0.6	0.3	0.3
80°	0.5	0.3	0.2	0.1	0.1
85°	0.1	0.1	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0

LUMINOUS OPENING: 1134mm x 234mm

γ Gamma	C0	C45	C90
45°	800	1180	872
55°	359	574	614
65°	41	146	159
75°	18.9	8.74	4.37
85°	4.32	0.0	0.0

Luminance in cd/m²/1000lms

LOR: 66.5%				SHR NOM: 1.5 : 1.0				SHR MAX: 1.60 : 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	0.50	0.55	0.59	0.62	0.65	0.68	0.69	0.71	0.72
0.70	0.30	0.20	0.46	0.51	0.56	0.59	0.63	0.65	0.67	0.69	0.71
0.70	0.10	0.20	0.43	0.49	0.53	0.56	0.60	0.63	0.65	0.68	0.69
0.50	0.50	0.20	0.49	0.54	0.58	0.60	0.63	0.65	0.67	0.68	0.70
0.50	0.30	0.20	0.45	0.51	0.55	0.57	0.61	0.63	0.65	0.67	0.68
0.50	0.10	0.20	0.43	0.48	0.52	0.55	0.59	0.62	0.63	0.66	0.67
0.30	0.50	0.20	0.48	0.53	0.56	0.59	0.62	0.63	0.65	0.66	0.67
0.30	0.30	0.20	0.48	0.53	0.56	0.59	0.62	0.63	0.65	0.66	0.67
0.30	0.10	0.20	0.43	0.48	0.52	0.55	0.58	0.60	0.62	0.64	0.65
0.00	0.00	0.00	0.41	0.46	0.50	0.53	0.56	0.58	0.59	0.61	0.62
Distribution Factors		Floor:	0.42	0.46	0.50	0.53	0.56	0.58	0.59	0.61	0.62
		Wall:	0.25	0.20	0.16	0.14	0.10	0.08	0.07	0.05	0.04
		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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