

## LUMINAIRE 1200 x 300



### FEATURES

- 2X28W T5 1200X300 (Nom.) recessed luminaire to suit T-Bar Ceilings
- Folded sheet steel body finished in white powdercoat.
- Twin luminous openings, each incorporating a specular louvre with clear acrylic cover.
- Central modular housing for integrated linear air diffuser or panel for return air and third party equipment.
- Metric recessed luminaire suitable for end to end mounting in a metric T-Bar ceiling. (Imperial sizes can also be supplied)

**INTERNATIONAL PATENTS PENDING**

MANUFACTURED UNDER LICENSE BY

**FREND**

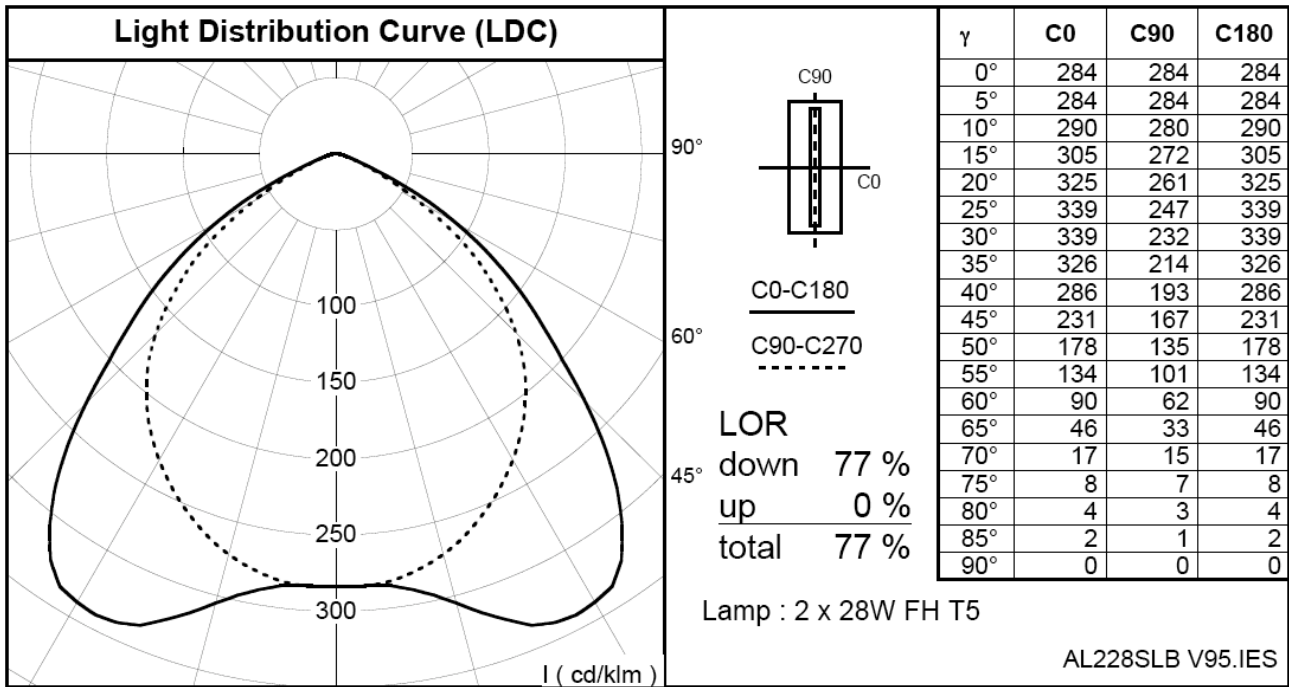


**LIGHTING INDUSTRIES**  
**PTY. LTD.**  
**ABN 76 072 902 311**

14 JAYBEL ST., SALISBURY QLD 4107  
PO BOX 298 SALISBURY QLD 4107  
PHONE: (07) 3277 7222  
FAX: (07) 3272 9000  
EMAIL: tech@frend.com.au

PROJECT LUMINAIRE TYPE

## Photometric Data for AL228/300 SLB with 2 x 28W Colour 84 Tubes



Utilisation Table (TM5) AL228SLB V95.IES											
Reflectances			Room Index								
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
70	50	20	49	57	63	67	72	75	78	81	82
70	30	20	43	52	58	62	68	72	74	78	80
70	10	20	39	48	54	59	65	69	72	76	78
50	50	20	47	56	61	65	70	73	75	78	79
50	30	20	42	51	57	61	66	70	72	75	77
50	10	20	39	48	54	58	64	67	70	74	76
30	50	20	46	54	59	63	68	70	72	75	76
30	30	20	42	50	56	60	65	68	70	73	75
30	10	20	39	47	53	57	62	66	68	72	74
0	0	0	37	45	51	55	60	63	65	68	70
BZ-class			3	3	3	3	3	2	3	3	3
			SHRnom : 1.25 SHRmax : 1.477								

Glare Table - AS1680.1 1990 (TM10) AL228SLB V95.IES												
ρ-ceiling		70	70	50	50	30	70	70	50	50	30	
ρ-wall		50	30	50	30	30	50	30	50	30	30	
ρ-floor		20	20	20	20	20	20	20	20	20	20	
room size	X Y	viewed crosswise to lamp axis					viewed parallel to lamp axis					
2H	2H	15.9	17.7	16.3	18.1	18.5	15.8	17.7	16.3	18.1	18.5	
	3H	16.3	18.0	16.8	18.4	18.8	16.2	17.9	16.7	18.3	18.7	
	4H	16.4	17.9	16.9	18.4	18.8	16.3	17.8	16.8	18.3	18.7	
	6H	16.4	17.9	16.9	18.3	18.8	16.3	17.7	16.8	18.2	18.7	
	8H	16.4	17.8	16.9	18.2	18.7	16.2	17.6	16.7	18.1	18.6	
	12H	16.4	17.7	16.9	18.2	18.7	16.2	17.5	16.7	18.0	18.5	
4H	2H	16.3	17.8	16.8	18.3	18.7	16.2	17.8	16.7	18.2	18.7	
	3H	16.8	18.1	17.3	18.6	19.1	16.7	18.0	17.2	18.5	19.0	
	4H	16.9	18.1	17.5	18.6	19.1	16.8	18.0	17.4	18.5	19.0	
	6H	16.9	17.9	17.5	18.5	19.1	16.8	17.8	17.4	18.4	18.9	
	8H	17.0	17.9	17.6	18.5	19.0	16.8	17.7	17.4	18.3	18.9	
	12H	17.0	17.9	17.6	18.4	19.1	16.8	17.7	17.4	18.2	18.9	
8H	4H	16.9	17.8	17.5	18.4	19.0	16.8	17.7	17.4	18.3	18.9	
	6H	16.9	17.7	17.6	18.3	18.9	16.8	17.6	17.4	18.2	18.8	
	8H	17.1	17.7	17.7	18.4	19.0	16.9	17.6	17.6	18.2	18.8	
	12H	17.2	17.7	17.8	18.4	19.0	16.9	17.5	17.6	18.1	18.8	
	12H	4H	16.9	17.7	17.5	18.3	18.9	16.8	17.7	17.4	18.2	18.8
		6H	17.0	17.7	17.7	18.3	18.9	16.9	17.6	17.5	18.2	18.8
8H		17.1	17.6	17.8	18.3	18.9	16.9	17.5	17.6	18.1	18.8	
Corrected-Values for a Lamp Flu <del>2600</del> 2600lm												

Number of Luminaires in Rooms : (Ref. 70/ 5)										
Em in lx	Lph in m	2 x 28W FH T5 / 2600 lm								
		Room Area / m²								
		20	30	40	50	70	80	90	100	
240	1.70	4	6	7	9	11	13	14	15	
	2.00	5	6	7	9	12	13	15	16	
	2.30	5	6	8	9	12	14	15	17	
320	1.70	5	7	9	11	15	17	19	20	
	2.00	6	8	10	12	16	17	19	21	
	2.30	6	8	10	12	16	18	20	22	
400	1.70	7	9	12	14	19	21	23	25	
	2.00	7	10	12	15	19	22	24	26	
	2.30	8	10	13	15	20	22	25	27	
Maintained eh Lux. (Maintenance Factor = 0.80)										

*This photometric data is indicative only and subject to change. Full photometric data is available electronically if required*