

SLIMLINE SQUARE DIFFUSED BATTEN

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LPS236



Easy access
to gear tray

FEATURES

- Durable, yet slim line steel construction, with both single and twin lamp battens having a base of only 57mm.
- Simple 90° turn twist toggles allow easy access to the gear tray without the need for tools.
- Large terminal blocks for fast and easy cable connection.
- Fully epoxy coated in white both inside and out, providing unprecedented protection and the highest quality finish.
- Replaceable polycarbonate lamp holders securely held in UV stabilised, non-discolouring, high impact end cap assemblies.
- Full range of reflectors, wire guards and a choice of round or square diffuser kits.
- Available in wiring configuration to suit local market requirements.
- Acrylic diffusers in a range of patterns.

APPLICATION

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

Able to be surface mounted, conduit or chain suspended, this is a truly versatile and functional design.

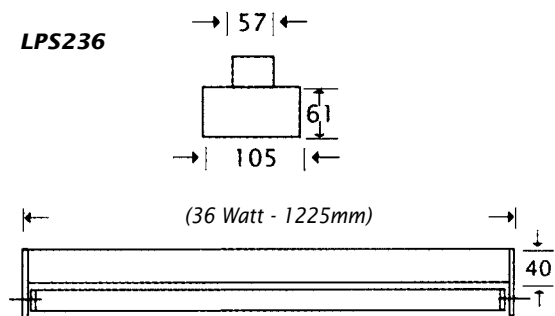
The Davis Slimline Batten has been designed to operate the 26mm high efficiency fluorescent tube, but will also accept the 38mm tube. Form and function have been combined to produce a batten that is not only visually pleasing, but also offers easy installation, maintenance and tube replacement.

OPTIONS

Also available:

- Emergency Modules
- Electronic & Low Loss Ballasts
- Dimming Gear ▪ Special Wiring
- Fused Terminal Blocks

DIMENSIONS



OTHER MODELS

- LPS218** - 18 Watt - Length - 615mm
- LPS230** - 30 Watt Length - 920mm
- LPS258** - 58 Watt Length - 1525mm
- LPS270** - 70 Watt Length - 1790mm

001D

Manufactured to standards –EN60598.1

EN60598.2.1

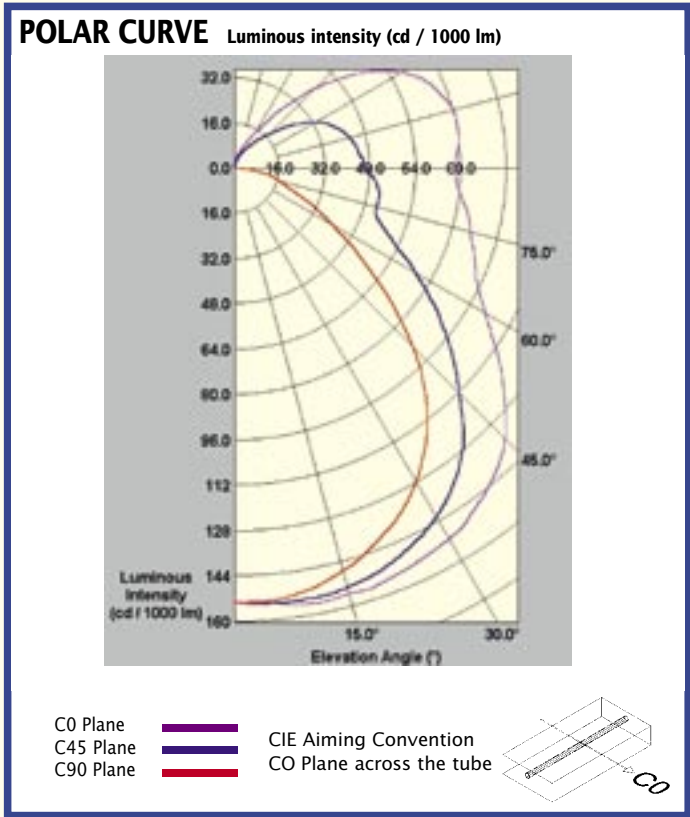
EN60598.2.2

EN55015 (AS/NZS 4051)

EMC Compliant Supplier Code N1562 (Aust)



“When your
business
depends
on light.”



LUMINOUS INTENSITY TABLE (CD/1000LMS)

γ Gamma	C0	C22.5	C45	C67.5	C90
0°	153	153	153	153	153
5°	154	154	154	153	153
10°	156	155	154	152	151
15°	155	155	153	150	147
20°	155	154	151	146	142
25°	153	151	147	141	136
30°	151	148	142	134	128
35°	147	144	135	125	118
40°	142	137	126	113	105
45°	135	127	112	97	89
50°	124	116	100	80	71
55°	113	105	87	64	54
60°	102	94	74	49	40
65°	94	87	62	38	30
70°	90	82	54	31	21
75°	86	79	52	26	16
80°	83	75	52	22	12
85°	79	73	50	17	6
90°	77	71	46	12	0
95°	79	71	45	12	0
100°	80	72	44	11	0
105°	80	70	42	11	0
110°	77	68	40	10	0
115°	74	65	37	9	0
120°	68	59	32	8	0
125°	60	50	27	7	0
130°	50	41	22	6	0
135°	40	32	17	5	0
140°	29	24	13	4	0
145°	21	17	10	4	0
150°	15	12	8	3	0
155°	10	9	6	2	0
160°	7	7	4	1	0
165°	5	4	2	1	0
170°	3	2	1	0	0
175°	1	1	0	0	0
180°	0	0	0	0	0

AVERAGE LUMINANCE TABLE

γ Gamma	C0	C45	C90
45	1050	967	1036
55	948	830	771
65	893	693	574
75	962	711	501
85	1127	943	531

Luminance in cd/m²/1000lms

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

LOR: 71.3%			SHR NOM: 1.75 : 1.0					SHR MAX: 1.69 : 1.0			
Reflectance			Room Index (K)								
Ceiling	Walls	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	0.36	0.41	0.46	0.49	0.54	0.58	0.60	0.63	0.65
0.70	0.30	0.20	0.30	0.36	0.41	0.44	0.49	0.53	0.56	0.60	0.62
0.70	0.10	0.20	0.27	0.32	0.37	0.40	0.46	0.49	0.52	0.57	0.60
0.50	0.50	0.20	0.33	0.38	0.42	0.45	0.49	0.52	0.54	0.57	0.59
0.50	0.30	0.20	0.28	0.33	0.38	0.41	0.45	0.49	0.51	0.54	0.57
0.50	0.10	0.20	0.25	0.30	0.34	0.37	0.42	0.46	0.48	0.52	0.54
0.30	0.50	0.20	0.31	0.35	0.38	0.41	0.45	0.47	0.49	0.52	0.53
0.30	0.30	0.20	0.28	0.31	0.35	0.38	0.42	0.44	0.47	0.49	0.51
0.30	0.10	0.20	0.25	0.28	0.32	0.35	0.39	0.42	0.44	0.48	0.50
0.00	0.00	0.00	0.21	0.24	0.28	0.30	0.34	0.36	0.38	0.41	0.43
Distribution Factors	Floor:		0.21	0.24	0.28	0.30	0.34	0.36	0.38	0.41	0.43
	Walls:		0.33	0.30	0.26	0.24	0.20	0.18	0.16	0.13	0.11
	Ceiling:		0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Bz Numbers			5	5	5	5	6	6	6	6	6

Photometric data also applies to 18w, 30w, 58w and 70w models

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 business
 depends
 on light."