

LOW BAY PAC JUNIOR

LOW WATTAGE HID



FEATURES

- Surface mounting only
- Powder coated white, steel body and hinged front cover
- External fixing points
- Peened aluminium reflector
- Powder coated white, steel wire guard (Integral part of the luminaire)
- Optional glass lens (fitted in addition to the wire guard)
- Control gear on Galvanized steel mounting tray
- Low wattage HID in Mercury Vapour (MV), Metal Halide (MH) & High Pressure Sodium (HPS)
- E27 Lamp holder

APPLICATION

- Under cover car parks
- Awnings
- Loading docks
- Low mounting heights

ACCESSORIES

Tempered Glass. P/N **LBPJG** May be fitted in addition to the wire guard.

MODELS

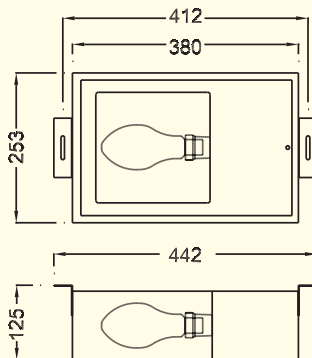
LBPJ80MVW	80w	MV
LBPJ125MVW	125w	MV
LBPJ70MHW	70w	MH
LBPJ100MHW	100w	MH
LBPJ150MHW	150w	MH
LBPJ70SW	70w	HPS

LAMP

E27 Coated elliptical



DIMENSIONS



Hinged cover for ease of servicing



Tray mounted control gear

LOW BAY PAC JUNIOR

018A

Manufactured to standards –EN60598.1
 EN60598.2.1
 EN60598.2.2
 EN55015 (AS/NZS 4051)
 EMC Compliant Supplier Code N1562 (Aust)

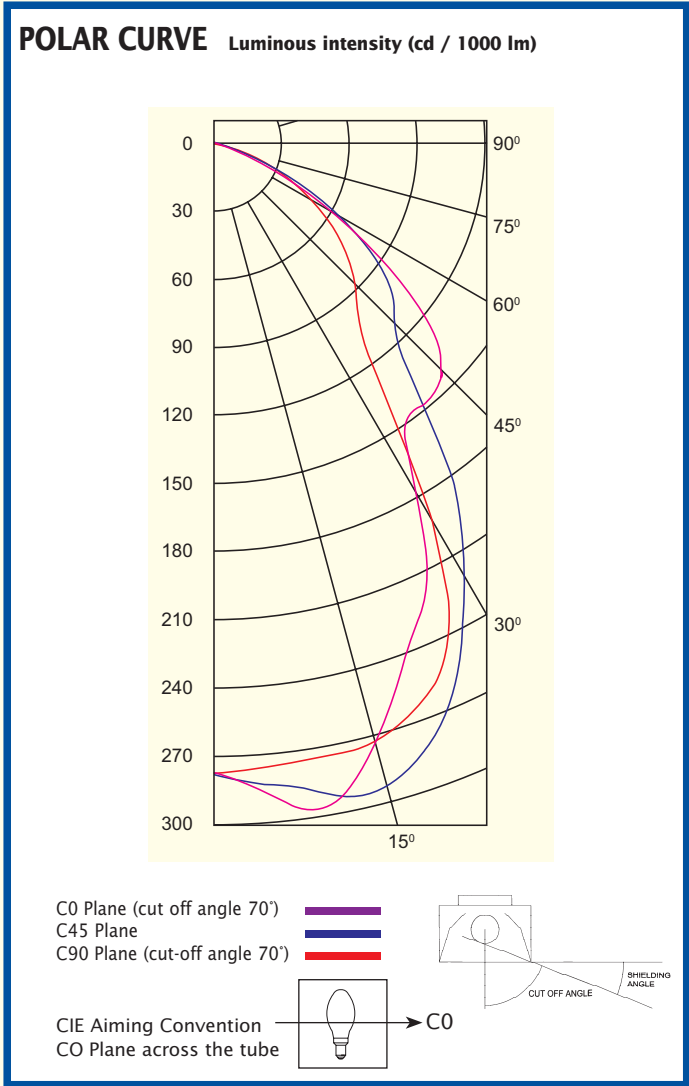


DAVIS
 LIGHTING

“When your
 business
 depends
 on light.”

LOW BAY PAC JUNIOR

Photometry applicable to LBPJ70MH LBPJ100MH LBPJ150MH



LUMINOUS INTENSITY TABLE (CD/1000LMS)

γ GAMMA	C0	C22.5	C45	C67.5	C90
0°	277	277	277	277	277
5°	288	284	278	275	288
10°	296	292	282	274	297
15°	280	294	285	272	274
20°	254	279	285	264	243
25°	228	255	268	244	222
30°	195	222	228	192	176
35°	153	185	156	125	147
40°	144	135	108	99	148
45°	142	112	92	88	142
50°	130	103	81	77	124
55°	100	84	67	63	89
60°	65	62	51	49	55
65°	40	40	37	35	34
70°	22	25	24	24	21
75°	15	16	17	17	14
80°	10	11	11	11	10
85°	5	5	5	5	5
90°	0	0	0	1	0

LUMINOUS OPENING 190x185mm

AVERAGE LUMINANCE TABLE

γ Gamma	C0	C45	C90
45°	5700	4490	3550
55°	4390	4170	3130
65°	2280	2710	2360
75°	1520	1790	1900
85°	1570	1570	1630

Luminance in cd/m²/1000lms

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

LOR: 54.1%				SHR NOM: 1.25 : 1.0					SHR MAX: 1.25 : 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	0.45	0.47	0.51	0.53	0.54	0.56	0.57	
0.70	0.30	0.20	0.33	0.38	0.42	0.44	0.48	0.50	0.52	0.54	0.56	
0.70	0.10	0.20	0.30	0.35	0.39	0.42	0.46	0.48	0.50	0.53	0.55	
0.50	0.50	0.20	0.36	0.40	0.44	0.46	0.49	0.51	0.52	0.54	0.55	
0.50	0.30	0.20	0.32	0.37	0.41	0.43	0.47	0.49	0.51	0.53	0.54	
0.50	0.10	0.20	0.30	0.35	0.39	0.41	0.45	0.47	0.49	0.51	0.53	
0.30	0.50	0.20	0.35	0.39	0.42	0.45	0.47	0.49	0.51	0.52	0.53	
0.30	0.30	0.20	0.32	0.37	0.40	0.42	0.46	0.48	0.49	0.51	0.52	
0.30	0.10	0.20	0.30	0.35	0.38	0.41	0.44	0.46	0.48	0.50	0.51	
0.00	0.00	0.00	0.29	0.34	0.37	0.39	0.42	0.44	0.46	0.48	0.49	
Distribution Factors	Floor:		0.29	0.34	0.37	0.39	0.42	0.44	0.46	0.48	0.49	
	Walls:		0.25	0.21	0.17	0.15	0.12	0.1	0.08	0.07	0.05	
	Ceiling:		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Bz Numbers			2	2	2	2	3	2	3	3	3	

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