

PACEMAKER

- Robust corrosion resistant body
- Simple single point suspension
- High performance anodised reflector - LOR 80%
- Economy decorative refractor for lower mounting heights
- Outstanding high efficiency refractor - LOR 90%
- Easy to install twist-lock lens version

Pacemaker is a classical high bay luminaire, with ventilated gear housing for long life and an efficient self cleaning aluminium reflector, designed for use with elliptical lamps for uniform distribution and glare control. Recent additions include a choice of two refractor optical systems. Where performance is important, a high efficiency refractor delivers a LOR in excess of 90%, with 74% downwards. This can also be specified with a high quality twist-lock lens. For lower mounting areas and where economy is paramount, a decorative refractor provides spatial illumination with enhanced upward light contribution. This new, wider selection of optics and attachments broadens the versatility of this proven and popular range.



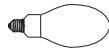
WHERE TO USE PACEMAKER

- Industrial units
- Factories
- Workshops
- Retail
- Warehouses
- Distribution centres
- Exhibition halls
- DIY superstores

PACEMAKER

LAMP OPTIONS

- 250W, 400W SON-E - E40 cap
- 400W HQIE - E40 cap
- 400W MBFU - E40 cap



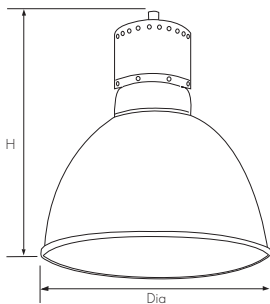
MATERIALS

- Gear housing - heavy gauge galvanised steel chassis. Spun anodised aluminium cover
- Reflector - spun and polished anodised aluminium
- Refractor and lens - Clear prismatic, UV stabilised acrylic
- Wire guard - heavy gauge zinc plated steel

INSTALLATION NOTES

- Suitable for conduit or chain suspended mounting
- Single 25mm threaded conduit entry on top of housing
- Top lugs for chain suspension or to attach a safety cable
- 3 way, 2 x 2.5mm² terminal block
- Reflector and refractor screw fixed via 2 bayonet slots
- Conical lens on high efficiency refractor/lens option attached with twist lock action
- Conical lens for decorative refractor attached with jointing band
- Supplied excluding lamps

DIMENSIONS



Option	Dia (mm)	H (mm)
With PW reflector	488	550
With PR refractor	560	662
With PRC refractor and lens	560	717
With PDR refractor	572	672
With PDR refractor and PDRCL lens	572	727

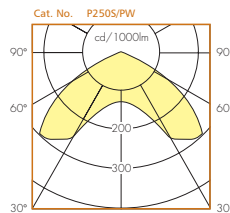
OPTIONS

- Optics designed for use with elliptical lamps only, for uniformity and glare control
- Only protected metal halide lamps, for use with open fixtures, should be used. Crompton lamp reference is MHV400CBUE
- Wire guard attachment suitable only to fit reflector optic
- Thermal cut-out on ballast as standard (SON/HQI versions only)

SPECIFICATION

To specify state: Single point suspended high bay luminaire with heavy gauge galvanised steel chassis and anodised aluminium cover, self cleaning spun aluminium reflector/high efficiency refractor/decorative refractor optic and optional conical lens attachments, as Crompton Pacemaker range, part no. _____

PHOTOMETRIC DATA



LOR: 0.80
ULOR: 0.00
DLOR: 0.80
SHR nom: 1.50
SHR max: 1.57

Utilisation factors / TMS

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	46	54	61	66	72	76	79	83	85
30			39	48	56	61	68	72	75	80	82
10			35	43	51	57	64	69	72	77	80
50	50	20	44	53	59	64	70	74	76	79	81
30			39	47	54	60	66	70	73	77	79
10			34	43	51	56	63	67	70	75	77
30	50	20	43	51	58	62	68	71	73	76	78
30			38	46	53	58	64	68	71	74	77
10			34	43	50	55	62	66	69	73	75
0	0	0	32	41	48	53	59	63	66	69	71
BZ-class			5	5	4	4	4	4	4	4	3

See page 422 for Design Guide



Pacemaker with PR refractor



Pacemaker with PRC refractor and twist lock lens

CATALOGUE NUMBERS

Lamp Rating	Lamp Type	Cat. No.	Weight (kg)
Body and gear - order optics and attachment separately			
1 x 250W	SON-E	P250S	5.70
1 x 400W	SON-E or HQIE	P400S	7.90
1 x 400W	MBFU	P400M	7.90

Description	Cat. No.	Weight (kg)
Optics		
Aluminium reflector	PW	1.10
High efficiency refractor	PR	3.00
High efficiency refractor with twist-lock lens	PRC	4.50
Decorative refractor	PDR	3.30

Attachments		
Wire guard for reflector	PWG1	0.25
Conical lens for decorative refractor	PDRCL	1.50



Vauxhall Motors, Ellesmere Port