

powerbay

Industrial: Industrial low bay luminaire

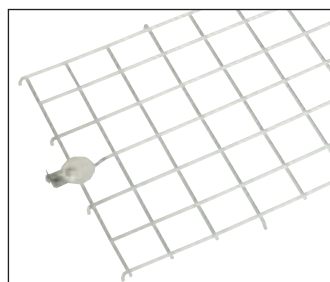


APPLICATION

- Factories
- Garages
- Distribution depots (4-6m)
- Sports centres
- Exhibition halls
- Cold stores (if nylon drop rods are used, use Harrier and mount into the back plate to avoid a fire risk)

SPECIFICATION

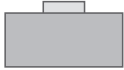
- Lamps options:
 - 250W SON-T
 - 400W SON-T
 - 250W HQI-T
 - 400W HQI-T
- Class 1 protection against electric shock
- 4 - 6m mounting heights
- IP22
- Rigid and durable white pre-coated steel body
- Rolled patterned high purity aluminium reflector
- Detachable gear cover for rapid access
- Optional accessories include flat toughened glass diffuser, wire guard, louvre, and dished polycarbonate diffusers
- Integral control gear
- Two BESA box fixings
- Timed ignitor
- Ambient operating temperature range -30°C to +25°C (SON) and -20°C to +25°C (HQI)
- Supplied with lamp



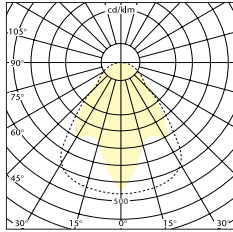
Wireguard

PHOTOMETRY

POWERBAY 250W SON-T Lamp



- LOR = 78.2%
- SHR MAX = 1.28



UTILISATION FACTORS UF(F)

Room Reflectance	Room Index	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
C	W	F								
0.70	0.50	0.20	0.55	0.62	0.67	0.71	0.75	0.78	0.80	0.82
0.50	0.30	0.20	0.49	0.57	0.62	0.65	0.70	0.73	0.75	0.78
0.00	0.00	0.00	0.44	0.52	0.56	0.59	0.64	0.66	0.68	0.70
										0.72

SHR NOM=1.25

LAMP PERFORMANCE MATRIX

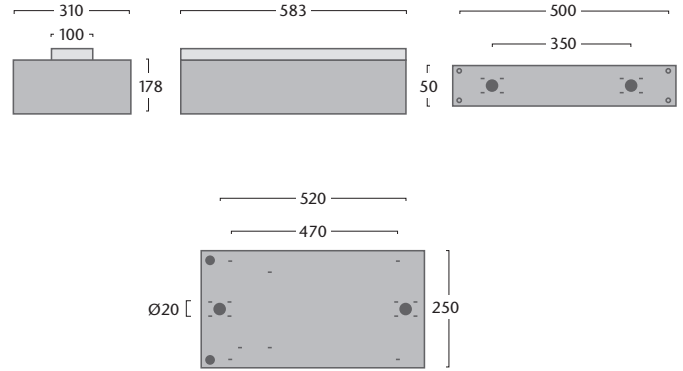
WATTAGE	IL@25°C	LAMP LIFE
250W SON-T	25000	28,500
400W SON-T	47000	28,500
250W HQI-T*	19000	15,000
400W HQI-T*	32000	15,000

* Should be used with glass visor HPAGL fitted to ensure safety in the event of non-quiescent lamp failure

WEIGHTS

WATTAGE	WEIGHT KG
250W SON-T	11.9
400W SON-T	12.7
250W HQI-T	11.9
400W HQI-T	12.5

DIMENSIONS



ORDER CODES – POWERBAY

INDUSTRIAL LOW BAY LUMINAIRE

LAMP SUPPLIED	LUMINAIRE
250W SON-T	HPA250S
400W SON-T	HPA400S
250W HQI-T	HPA250H#
400W HQI-T	HPA400H#

OPTIONS Please order separately

HPAGL	Flat toughened glass diffuser complete with fixings**
HPAWG	Protective wire guard
HPALV	Louvre
HPADD1	Dished polycarbonate diffuser 150 and 250W*
HPADD4	Dished clear polycarbonate diffuser 400W*

- * Not recommended used alone for HQI lamps. When used in conjunction with HPAGL will prolong effective life of the polycarbonate diffuser regardless of the lamp selected
- ** Do not use in food preparation areas, but should otherwise be used with HQI-T lamp options to ensure safety in the event of non-quiescent lamp failure
- # Should be used with glass visor HPAGL fitted to ensure safety in the event of non-quiescent lamp failure