

hibay

Industrial: IP22 Industrial high bay luminaire

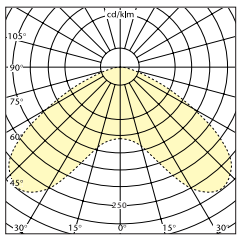


PHOTOMETRY

HIBAY
250W SON-E



- LOR = 85.5%
- SHR MAX = 1.03



UTILISATION FACTORS UF(F) SHR NOM=1.00

Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.43	0.54	0.62	0.67	0.74	0.79	0.82	0.86	0.89
0.50	0.30	0.20	0.35	0.46	0.54	0.59	0.67	0.72	0.75	0.80	0.83
0.00	0.00	0.00	0.28	0.39	0.46	0.51	0.59	0.64	0.67	0.71	0.74

QuickLink **HIB** Go

APPLICATION

- Heavy engineering plants
- Foundries
- Aircraft hangers
- Distribution centres >6m ceiling height
- Exhibition halls
- Superstores
- DIY sheds

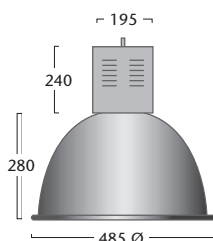


Hibay with Wireguard

SPECIFICATION

- Lamp options:
 - 250W SON-E
 - 400W SON-E
 - 250W HQI-E (Venture)
 - 400W HQI-E (Venture)
- Designed for 6 – 12m mounting heights
- Class 1 protection against electric shock
- IP22
- High purity spun anodised aluminium reflector
- Rigid pre-coated high gloss polyester silver steel gear housing with easy gear access via detachable panel
- Wide range of accessories all of which include a safety suspension chain
- Screw retained reflector
- Integral control gear
- Timed ignitor
- Ambient operating temperature range -30°C to +25°C (SON) and -20°C to +25°C (HQI)
- Fused – 10 amp 250W, 16 amp 400W
- Supplied with open fixture rated lamp

DIMENSIONS



LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
250W SON-E	25000	28,500
400W SON-E	47000	28,500
250W HQI-E* VENTURE	23800	15,000
400W HQI-E* VENTURE	40000	15,000

* If an open fixture lamp is not selected, glass visor BAGL should be fitted to ensure safety in the event of non-quiescent lamp failure

LAMP COMPARISON

	250W		400W	
	VENTURE LAMP	TYPICAL EUROPEAN LAMP	VENTURE LAMP	TYPICAL EUROPEAN LAMP
Initial lumens	23,800	18,000	40,000	38,000
2000 hrs lumens	22,000	17,000	38,000	29,000
Lamp life hrs	15,000	15,000	20,000	20,000

Vertical burning lamps

ORDER CODES – HIBAY

IP22 INDUSTRIAL HIGH BAY LUMINAIRE

LAMP SUPPLIED	GEAR UNIT	REFLECTOR
250W SON-E	BA250S	HBSR
400W SON-E	BA400S	HBSR
250W HQI-E	BA250H	HBSR
400W HQI-E	BA400H	HBSR

OPTIONS Please order separately

BAGL	Toughened clear glass visor complete with fixing kit for use with enclosed fixture rated HQI lamps
BAWG	Protective wire guard complete with fixing kit
BAPD1	Clear polycarbonate dished diffuser for 250W options with fixing kit
BAPD4	Clear polycarbonate dished diffuser for 400W options with fixing kit

To specify state:

IP22 250W and 400W SON-E/HQI-E High bay luminaire with pre-coated high gloss polyester Silver steel gear housing and timed ignitor with detachable panel for ease of maintenance. High brightness anodised spun aluminium reflector – as Whitecroft Lighting HIBAY

WEIGHT

WATTAGE	WEIGHT KG
250W SON-E	7.8
400W SON-E	8.9
250W HQI-E	7.8
400W HQI-E	9.5