

Hibay Series 2

MOTIVATION

Designed for lighting industrial premises efficiently at high mounting heights and allowing easy lamp changing with wide access to control gear for maintenance.

APPLICATION

- Heavy engineering plants
- Foundries
- Aircraft hangers
- Warehouses
- Exhibition halls
- Superstores
- DIY sheds

SPECIFICATION

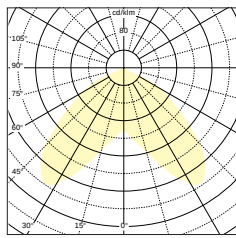
- Lamps:
 - 150W, 250W and 400W high pressure sodium SON-T
 - 250W and 400W high output Venture metal halide HQI-E
 - 250W and 400W MBF-U
- Body: Rigid white enamelled sheet steel
- Reflector: Quality spun aluminium, self cleaning
- IP22 protection
- High ambient temp operation up to 45°C
- Integral control gear
- Ignitor without time-out facility – *planned lamp maintenance required*
- Direct access re-lamping
- Glass visor option
- Supplied with lamp



Hibay Series 2
250W SON



- SHR MAX = 1.61
- DLOR = 0.85
- ULOR = 0.01

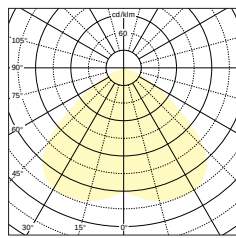


UTILISATION FACTORS UF(F)									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.61	0.68	0.74	0.77	0.82	0.85	0.87
0.50	0.30	0.20	0.55	0.62	0.68	0.72	0.77	0.80	0.82
0.00	0.00	0.00	0.50	0.57	0.62	0.66	0.70	0.73	0.75

Hibay Series 2
250W HQI-E



- SHR MAX = 1.86
- DLOR = 0.78
- ULOR = 0.01



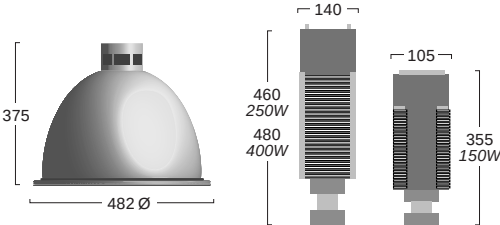
UTILISATION FACTORS UF(F)									
Room Reflectance Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	-	0.65	0.70	0.73	0.77	0.80	0.81
0.50	0.30	0.20	-	0.61	0.65	0.68	0.72	0.75	0.77
0.00	0.00	0.00	-	0.56	0.60	0.63	0.66	0.69	0.70



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



FEATURES

LAMP WAYS	POWER FACTOR	LINE CURRANT	TOTAL WATTS	Ta °C	WEIGHT KG
150W SON	>0.85	0.83	168	45	6.4
250W SON	>0.90	1.30	280	45	7.8
400W SON	>0.85	2.20	440	45	8.9
250W HQI-E	>0.90	1.30	280	45	7.8
400W HQI-E	>0.80	1.90	415	45	9.5
250W MBF-U	>0.85	1.30	275	45	6.7
400W MBF-U	>0.85	2.10	425	45	7.6

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ORDER CODES

INDUSTRIAL HIGH BAY LUMINAIRE

LUMINAIRES	LAMP SUPPLIED
B2150S/HBR	150W SON-T
B2250S/HBR	250W SON-T
B2400S/HBR	400W SON-T
B2250H/HBR	250W HQI-E#
B2400H/HBR	400W HQI-E#
B2250M/HBR	250W MBF-U
B2400M/HBR	400W MBF-U

VISOR OPTION Please order separately

B2GL Glass visor assembly

#Must be used with HRGL fitted to ensure safety in event of non-quiescent lamp failure

To specify state:

Rigid steel high bay luminaire with spun, self cleaning aluminium reflector delivering up to 78% DLOR. SON/ MBF/high output Venture HQI-E lamp. Easy access to integral control gear. Ambient temperature +45°C. IP22 – as Whitecroft Lighting HIBAY SERIES 2.