

Heightmaster

MOTIVATION

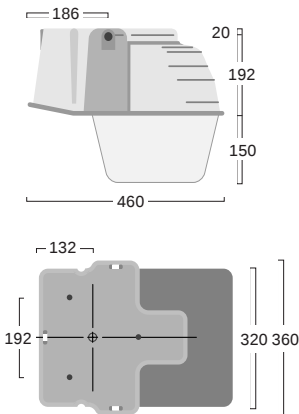
A high bay or low bay industrial luminaire developed to be highly efficient and versatile. A unique optic delivers a square distribution capable of reducing the number of conventional luminaires. Ingenious choice of materials and attachments allow a dual IP rating and offers corrosion resistance in application.

APPLICATION

- Factories
- Warehouses
- Supermarkets
- Retail sheds
- Exhibition halls
- Cold stores

SPECIFICATION

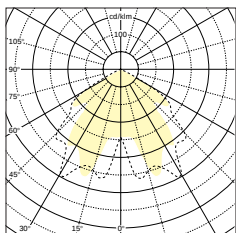
- Lamps:
 - 150W, 250W and 400W high pressure sodium SON
 - 250W and 400W metal halide HQI-T
- Enclosure: Lightweight and flame retardant GRP
- Reflector: High purity polished and anodised aluminium
- Control gear: Integral with removable gear tray
- IP22 or IP65 ingress protection
- Corrosion resistant
- Conduit, chain or surface mounting
- 4 x M20 entries: 1 rear, 1 top and 2 on side
- Suitable for looping up to 2 x 4mm² termination
- Horizontal burning lamp – direct access
- Supplied with lamp



Heightmaster
150W SON No Visor



- SHR MAX = 1.992
- DLOR = 0.85
- ULOR = 0.00



UTILISATION FACTORS UF(F)												
Room Reflectance Room Index												
C	W	F	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
0.70	0.50	0.20	0.66	0.72	0.76	0.81	0.85	0.87	0.90	0.91		
0.50	0.30	0.20	0.60	0.65	0.70	0.75	0.79	0.81	0.84	0.86		
0.00	0.00	0.00	0.54	0.59	0.63	0.69	0.72	0.74	0.77	0.78		

FEATURES

LAMP WAYS	POWER FACTOR	LINE CURRANT	TOTAL WATTS	Ta °C	WEIGHT KG
150W SON-T	>0.80	0.83	168	35	8.0
250W SON-T	>0.90	1.29	283	35	8.7
400W SON-T	>0.80	2.17	440	25	9.4
150W HQI-T	>0.80	0.83	168	35	
250W HQI-T	>0.90	1.29	283	35	10.0
400W HQI-T	>0.80	2.17	440	25	10.9
400W HQI-T*	>0.80	2.10	285	25	10.9

IP65 versions are 1.3kgs heavier in all cases *UH400HB version

Heightmaster

ORDER CODES

INDUSTRIAL LUMINAIRE

IP22 VERSIONS	LAMP SUPPLIED
UH150SB	150W SON-T
UH250SB	250W SON-T
UH400SB	400W SON-T
UH250HB	250W HQI-T
UH400HB	400W HQI-T*

* Uses a Teflon coated open fixture rated lamp

IP65 VERSIONS	LAMP SUPPLIED
UHJ150SB	150W SON-T
UHJ250SB	250W SON-T
UHJ400SB	400W SON-T
UHJ250HB	250W HQI-T

VISOR Please order separately

UHPV	Visor for IP22 versions (not recommended for 400W MBI)
------	---

To specify state:
GRP corrosion resistant SON/HQI-T luminaire with detachable gear tray and high efficiency reflector to produce a square light distribution for increased uniformity IP22/IP65 – as Whitecroft Lighting HEIGHTMASTER.