

Harrier

MOTIVATION

Developed to provide an ingenious solution for different industrial lighting requirements in one range of flexible luminaires. Harrier provides the answer when lighting with only low mounting heights (up to 10 metres) or high mounting heights (up to 20 metres) and narrow aisle rack lighting.

APPLICATION

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

SPECIFICATION

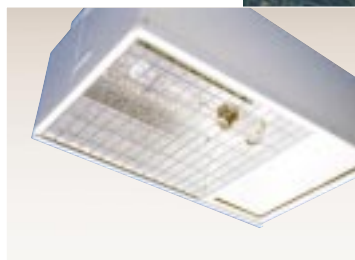
- Lamps:
 - 150W, 250W and 400W high pressure sodium SON-T*
 - 250W and 400W high output Venture metal halide HQI-E*
 - 250W tungsten halogen (auxiliary)
- * HQI or SON lamps run on same model
- Body: Rigid white enamelled sheet steel
- Reflectors:
 - Faceted and patterned high purity aluminium
 - 3 distribution types
- IP20 protection
- Detachable hinged back plate for simple installation
- Plug and socket connection for rapid installation
- 4 way terminal block cable (2 x 2.5mm²)
- Thermal cut out ballast
- Surface, conduit, trunking or chain mounting
- Mounting heights: 3m to 20m
- Auxiliary lighting versions
- Range of attachments
- Supplied with lamp



Standard Harrier



Clear polycarbonate cover



Wire guard



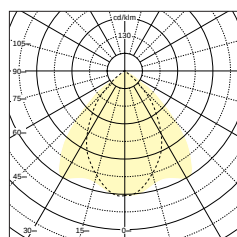
Toughened glass cover



Harrier HIGH BAY
1 x 250W SON-T/HQI-T Lamp



- SHR MAX = 1.42
- DLOR = 0.75



UTILISATION FACTORS UF(F)										SHR NOM=1.25	
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	0.30	0.54	0.62	0.68	0.71	0.77	0.80	0.82	0.85	0.87
0.50	0.30	0.30	0.48	0.56	0.61	0.65	0.70	0.73	0.75	0.78	0.80
0.00	0.00	0.00	0.42	0.50	0.55	0.58	0.62	0.64	0.66	0.68	0.70



Whitbread Brewery,
Magor, South Wales



Hinged/removable
mounting plate allowing
simple installation and
maintenance

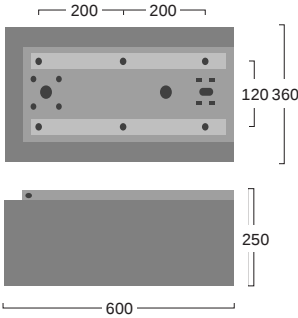
LAMP COMPARISON				
	250W		400W	
	VENTURE LAMP	TYPICAL EUROPEAN LAMP	VENTURE LAMP	TYPICAL EUROPEAN LAMP
Initial lumens	23,600	18,000	39,600	34,000
2000 hrs lumens	22,184	17,000	37,000	30,000
Lamp life hrs	12,000	12,000	15,000	15,000

Horizontal burning lamps

FEATURES

LAMP WAYS	Ta °C	WEIGHT KG
150W SON-T	-20 to +35*	11.7
250W SON-T/HQI-E		12.2
400W SON-T/HQI-E		12.7

-20 to +25°C with polycarbonate or glass cover
Class 1 must be earthed



Harrier

ORDER CODES
INDUSTRIAL LOW OR HIGH BAY LUMINAIRE

STANDARD VERSIONS		RACK	LAMP SUPPLIED	
PLUS	HIGH BAY			
HR150S	—	HRR150S	150W	SON-T
HR250S	HRM250S	HRR250SH	250W	SON-T
HR250H#	HRM250H#	HRR250H#	250W	HQI-E
HR400S	HRM400S	HRR400RS	400W	SON-T
HR400H#	HRM400H#	HRR400H#	400W	HQI-E

AUXILIARY LIGHTING VERSIONS (With additional E27 lampholder for 250W TH lamp)				
HR150SX	—	HRR150SX	150W	SON-T
HR250SX	HRM250SX	HRR250SHX	250W	SON-T
HR250H#	HRM250H#	HRR250H#	250W	HQI-E
HR400SX	—	—	400W	SON-T
HR400H#	HRM400H#	HRR400H#	400W	HQI-E

* -20 to +25°C with polycarbonate or glass cover. Class 1 (must be earthed)

ATTACHMENTS <i>Please order separately</i>	
HRPC	Clear polycarbonate cover*
HROP	Opal polycarbonate cover*
HRGL	Toughened glass cover**
HRWG	Wire guard

* Unsuitable for use with HQI lamps
** Unsuitable for food preparation areas, recommended for use with HQI lamps
Must be used with HRGL fitted to ensure safety in event of non-quiescent lamp failure

To specify state:
Rigid steel box luminaire for SON/high output Venture HQI-E lamp. Quick fit plug and socket connection and hinged mounting plate for easy installation and maintenance. Plus/High Bay/Rack reflector – as Whitecroft Lighting HARRIER.