

harrier

Industrial: Industrial low or high bay luminaire



APPLICATION

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

SPECIFICATION

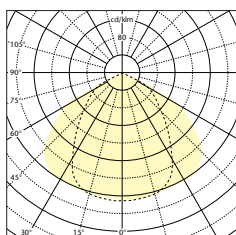
- Lamps options:
 - 250W and 400W high pressure sodium SON-T
 - 250W and 400W high output Venture metal halide HQI-T
 - 250W tungsten halogen (auxiliary) **Note:** HQI or SON lamps run on same model
- Body: Rigid white enamelled sheet steel
- Reflectors:
 - Faceted and patterned high purity aluminium
 - 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

PHOTOMETRY

Harrier PLUS
1 x 250W SON-T/HQI-T Lamp



- SHR MAX = 1.59
- LOR = 79%

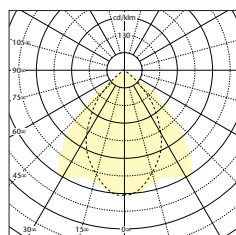


UTILISATION FACTORS UF(F)											SHR NOM=1.50
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.30	0.52	0.59	0.66	0.70	0.76	0.80	0.83	0.86	0.89
0.50	0.30	0.30	0.45	0.52	0.58	0.63	0.69	0.72	0.75	0.79	0.81
0.00	0.00	0.00	0.39	0.45	0.51	0.55	0.60	0.63	0.65	0.68	0.70

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



- SHR MAX = 1.42
- LOR = 75%

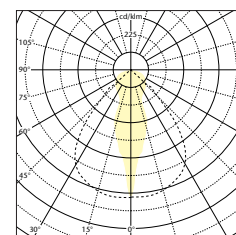


UTILISATION FACTORS UF(F)										SHR NOM=1.25	
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.30	0.54	0.62	0.68	0.71	0.77	0.80	0.82	0.85	0.87
0.50	0.30	0.30	0.48	0.56	0.61	0.65	0.70	0.73	0.75	0.78	0.80
0.00	0.00	0.00	0.42	0.50	0.55	0.58	0.62	0.64	0.66	0.68	0.70

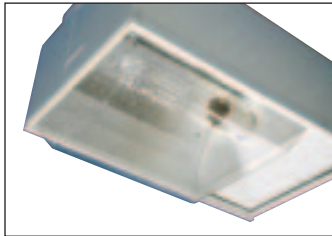
Harrier RACK
1 x 250W SON-T/HQI-T Lamp



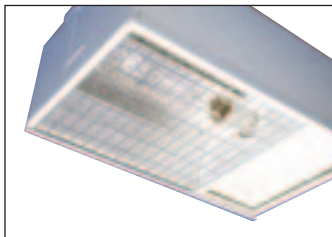
- SHR MAX = 0.62
- LOR = 81%



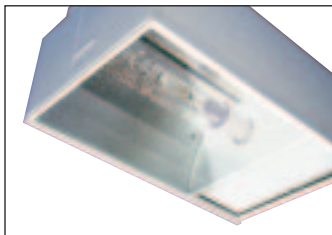
UTILISATION FACTORS UF(F)										SHR NOM=0.50	
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.30	0.53	0.61	0.67	0.72	0.78	0.81	0.84	0.88	0.90
0.50	0.30	0.30	0.46	0.54	0.60	0.64	0.70	0.74	0.77	0.80	0.82
0.00	0.00	0.00	0.40	0.47	0.52	0.56	0.62	0.64	0.67	0.70	0.71



Clear polycarbonate cover



Wire guard

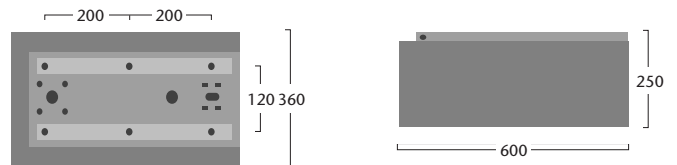


Toughened glass cover

DIMENSIONS AND WEIGHT

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

-20° to +25°C with polycarbonate or glass cover



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	15,000	12,000	15,000	15,000

Horizontal burning lamps

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
250W SON-T	27000	28,500
250W HQI-T VENTURE	23600	15,000
400W SON-T	48000	28,500
400W HQI-T VENTURE	39600	15,000

ORDER CODES - HARRIER

INDUSTRIAL LOW OR HIGH BAY LUMINAIRE

LAMP SUPPLIED	PLUS	HIGH BAY	RACK
STANDARD VERSIONS			
250W SON-T	HR250S	HRM250S	HRR250S
250W HQI-T	HR250H#	HRM250H#	HRR250H#
400W SON-T	HR400S	HRM400S	HRR400S
400W HQI-T	HR400H#	HRM400H#	HRR400H#

AUXILIARY LIGHTING VERSIONS (With additional E27 lampholder for 250W TH lamp)

250W SON-T	HR250SX	HRM250SX	HRR250SX
250W HQI-T	HR250HX#	HRM250HX#	HRR250HX#
400W SON-T	HR400SX	—	—
400W HQI-T	HR400HX#	HRM400HX#	HRR400HX#

-20° to +25°C with polycarbonate or glass cover

ATTACHMENTS Please order separately

HRPC	Clear 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-T/high output Venture HQI-T 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

QuickLink

HRM

Go