

harrier

industrial low bay luminaire

> weblink > HRM

Optics

- Lamps options:
 - 250W and 400W metal halide HQI-T

Body

- Rigid white enamelled sheet steel
- Reflectors:
 - Faceted and patterned high purity aluminium
 - Plus, general open area MH 4m-12m
 - Ultra, general open area MH 12m-20m
 - Rack, Narrow aisles & high racking
- Surface, conduit, trunking or chain mounting
- Auxiliary lamp versions available using 250W Tungsten Halogen Lamp
- Range of attachments



ORDER CODES

Harrier (Standard)	Plus	Ultra	Rack
250W	HA250HW	HA250HM	HA250HR
400W	HA400HW	HA400HM	HA400HR
Harrier (Auxiliary)	Plus	Ultra	Rack
250W	HA250HWX	HA250HMX	HA250HRX
400W	HA400HWX	HA400HMX	HA400HRX

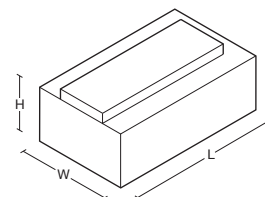
Options

Flat toughened glass diffuser with fixings To be used with open fixture HQI lamps	HAGL
Protective wire guard complete with fixing kit	HAWG
Louvre	HALV
Hinged mounting spine Recommended for non-chain suspension installations	HAHMS
Chain suspension V clip	HACSV
Clear polycarbonate dished diffuser for 250W options with fixing kit	HAPD250
Clear polycarbonate dished diffuser for 400W options with fixing kit	HAPD400

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
250W HQI-T	23000	15,000hrs
400W HQI-T	40000	20,000hrs

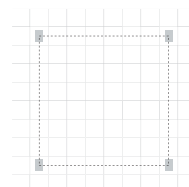
DIMENSIONS



Version	L	W	H	KG
250W	600	360	250	11.9
400W	600	360	250	12.5

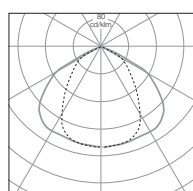
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
1 x 250W HQI Harrier Plus	270 lux	7.0m x 7.0m

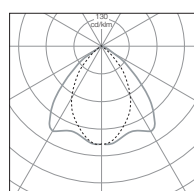


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
10m
Working Plane:
0.0m

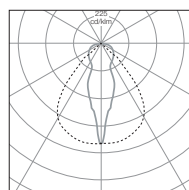
PHOTOMETRIC PERFORMANCE



HQI-T
Harrier Plus
1 x 250W
• LOR = 79%
• SHR MAX = 1.59



HQI-T
Harrier Ultra
1 x 250W
• LOR = 75%
• SHR MAX = 1.42



HQI-T
Harrier Rack
1 x 250W
• LOR = 81%
• SHR MAX = 0.62

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.59	0.83	0.89

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.62	0.82	0.87

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.61	0.84	0.90

TO SPECIFY

Rigid steel box luminaire for HQI-T lamp.
Quick fit plug and socket connection
and hinged mounting plate for easy
installation and maintenance.
Plus/Ultra/Rack reflector – as Whitecroft
Lighting HARRIER