



Optics

- Output options;
 - 2500 lumens (22W), single row
 - 5000 lumens (45W), single row
 - 7500 lumens (66W), twin row
 - 10,000 lumens (89W), twin row
- 'Cool' white 4000K colour temperature
- Clip in curved opal diffuser for optimum diffusion
- Choice of reflectors for specific application;
 - Symmetric wide reflector finished white; for broad open area light distribution
 - Symmetric medium specular reflector; for medium open area light distribution
 - High rack; for high bay elliptical light distribution to effectively illuminate racking
- Optional louvre insert available for maximum glare control

Symmetric wide reflector

Body

- IP20
- Mild steel batten finished white
- Robust curved polycarbonate diffusers
- BESA fixings on body section
- Choice of integral emergency; 3hr or COMECS
- Choice of controls;
 - Com5 Eco, for simple, pre-commissioned switching at up to 6m mounting heights
 - Com8, for high mounting heights that require high sensitivity
- Programming handset required for integral COM8 detector (supplied separately)



Symmetric medium - specular reflector



High Rack reflector



Integrated COM5 Eco



Integrated COM8

Order Codes

Symmetric Wide	Fixed Output	3 hr Emergency
2500 lumens (22W)	HRWH14K	HRWH14KEM
5000 lumens (45W)	HRWH24K	HRWH24KEM
7500 lumens (66W)	HRWH34K	HRWH34KEM
10,000 lumens (89W)	HRWH44K	HRWH44KEM

Symmetric Medium	Fixed Output	3 hr Emergency
2500 lumens (22W)	HRMH14K	HRMH14KEM
5000 lumens (45W)	HRMH24K	HRMH24KEM
7500 lumens (66W)	HRMH34K	HRMH34KEM
10,000 lumens (89W)	HRMH44K	HRMH44KEM

High Rack	Fixed Output	3 hr Emergency
7500 lumens (66W)	HRHRH34K	HRHRH34KEM
10,000 lumens (89W)	HRHRH44K	HRHRH44KEM

Options

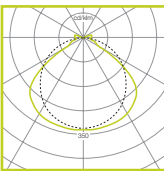
DALI	Replace H with Y	i.e. HRHRY34K
COMEPS*	Add suffix /EP	i.e. HRWH14K/EP
COM 5 ECO**	Add Q5E before H	i.e. HRWQ5EH14K
COM8***	Replace H with Q8Y	i.e. HRWQ8Y34K

Accessories

White louvre insert for 5000 or 10,000lm product without integrated detector****	HRLV15
White louvre insert for 2500 or 7500lm product without integrated detector****	HRLV12
White louvre insert for 5000 or 10,000lm product with integrated detector****	HRLV15/DET
White louvre insert for 2500 or 7500lm product with integrated detector****	HRLV12/DET
COM8 Programming handset	COM8HP

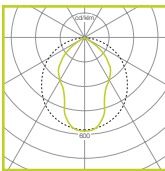
*Can we wired as Easytest if required
** Cannot be used with DALI products. Not for use with High rack product
*** Only available on 7500 and 10,000 lumen products
**** Cannot be fitted to high rack reflector product

Photometric Performance



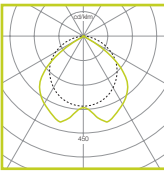
Utilisation Factors UF(F)

Room Reflectance		Room Index	
C	W	F	
0.70	0.50	0.20	0.71 0.97 1.05



Utilisation Factors UF(F)

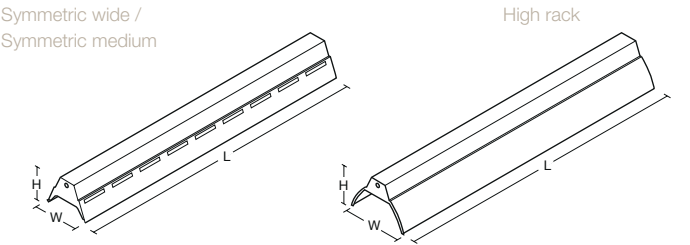
Room Reflectance		Room Index	
C	W	F	
0.70	0.50	0.20	0.75 1.00 1.06



Utilisation Factors UF(F)

Room Reflectance		Room Index	
C	W	F	
0.70	0.50	0.20	0.78 1.01 1.08

Dimensions



Version	L	W	H	KG	KG
2500/7500 lumen	1275	198	137	4.5	5.5
5000/10,000 lumen	1575	198	137	7.1	8.0
Hi Rack, 7500 lumen	1275	264	167.6	5.0	6.0
Hi Rack, 10,000 lumen	1575	264	167.6	7.5	8.5

Equivalent Lamp Types

2500 Lumen Output	
T5 lamp	1 x 28W
5000 Lumen Output	
T5 lamp	2 x 28W
7500 Lumen Output	
T5 lamp	2 x 49W
10,000 Lumen Output	
T8 lamp	2 x 58W

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM

Performance Guide

Symmetric wide, 5000 lumens			High Rack, 10,000 lumens		
Lamps	Illuminance	Spacing	Lamps	Illuminance	Spacing
45W LED	460 lux	3.0m x 3.0m	89W LED	301 lux	4.5m
Maintenance: 0.8			Maintenance: 0.8		
Reflectance: 70/50/20			Ceiling Height: 6m (racking 5m)		
Ceiling Height: 6.0m			Working Plane: 0.0m		
Working Plane: 0.8m					

To Specify

Harrier
LED low bay luminaire with clip in curved polycarbonate opal diffuser for ease of assembly and optimum diffusion. BESA fixings on body – as Whitecroft Lighting HARRIER

Harrier High Rack
LED low bay luminaire with clip in curved polycarbonate opal diffuser for ease of assembly and optimum diffusion. BESA fixings on body. High rack reflector for illumination of racking and aisles – as Whitecroft Lighting HARRIER HIGH RACK