



Integral Com5 Eco Detector



Symmetric Medium  
Specular Reflector



High Rack Reflector

## Optics

- Nominal output options;
  - 2500 lumens (19W), single row
  - 5000 lumens (42W), single row
  - 7500 lumens (61W), twin row
  - 10,000 lumens (79W), twin row
  - 15,000 lumens (116W), twin row
  - 22,000 lumens (168W), twin row
- Emergency Output (BLF):
  - Variants without louvre - 500 Lumens
  - Variants with louvre - 393 lumens
- 'Cool' white 4000K colour temperature LEDs
- 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†





† Louvre reduces lumen capacity by approx. 15% for single row and 20% for twin row

## Body

- IP20
- Mild steel batten finished white
- RAL Colour: White RAL9003.
- Robust curved polycarbonate diffusers
- BESA fixings on body section
- Choice of integral emergency; 3hr or COMEPS
- Command 5 Eco, for simple, pre-commissioned switching at up to 6m mounting heights

## Order codes







### High Rack

				B50		
High Rack	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
7300 lumens (61W)	HRHRH34K	HRHRH34KEM	 120	>100k	>100k	65k
10,311 lumens (79W)	HRHRH44K	HRHRH44KEM	 131	>100k	65k	31k
16,382 lumens (116W)	HRHRH54K	HRHRH54KEM	 141		50k	
22,221 lumens (168W)	HRHRH64K	HRHRH64KEM	 132		50k	

Note: Luminaire codes HRHRY54K have 2 drivers and require 2 DALI addresses

Note: Luminaire codes HRHRY64K have 3 drivers and require 3 DALI addresses







### Symmetric Medium

				B50		
Symmetric Medium	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
2508 lumens (19W)	HRMH14K	HRMH14KEM	 132	>100k	>100k	64k
5029 lumens (42W)	HRMH24K	HRMH24KEM	 121	>100k	97k	44k
7583 lumens (61W)	HRMH34K	HRMH34KEM	 124	>100k	>100k	65k
10,191 lumens (79W)	HRMH44K	HRMH44KEM	 129	>100k	65k	31k
15,553 lumens (116W)	HRMH54K	HRMH54KEM	 134		50k	
21,860 lumens (168W)	HRMH64K	HRMH64KEM	 130		50k	

Note: Luminaire codes HRMY54K have 2 drivers and require 2 DALI addresses

Note: Luminaire codes HRMY64K have 3 drivers and require 3 DALI addresses

## Symmetric Wide

				B50		
Symmetric Wide	Fixed Output	3hr Emergency	LL/CW	L70	L80	L90
2588 lumens (19W)	HRWH14K	HRWH14KEM	 137	>100k	>100k	64k
5006 lumens (42W)	HRWH24K	HRWH24KEM	 120	>100k	50k	97k
7568 lumens (61W)	HRWH34K	HRWH34KEM	 124	>100k	50k	65k
10,242 lumens (79W)	HRWH44K	HRWH44KEM	 130	>100k	50k	31k
15,679 lumens (116W)	HRWH54K	HRWH54KEM	 135		50k	
21,817 lumens (168W)	HRWH64K	HRWH64KEM	 129		50k	

Note: Luminaire codes HRWY54K have 2 drivers and require 2 DALI addresses

Note: Luminaire codes HRWY64K have 3 drivers and require 3 DALI addresses

## Accessories

White louvre insert for 5000 or 10,000lm product****	HRLV15
White louvre insert for 5000 or 10,000lm product with integrated detector****	HRLV15/DET
White louvre insert for 2500 or 7500lm product****	HRLV12
White louvre insert for 2500 or 7500lm product with integrated detector****	HRLV12/DET
White louvre insert for 15,000 or 22,000lm product****	HRLV18
White louvre insert for 15,000 or 22,000lm product with integrated detector****	HRLV18/DET
Suspension Kit	AERSK1

## Options

COM 5 ECO**	Add Q5E before H	i.e HRWQ5EH34K
COMEPS*	Add suffix /EP	i.e HRWH34K/EP
DALI	Replace H with Y	i.e HRWY34K

\* Can be wired as Easytest if required

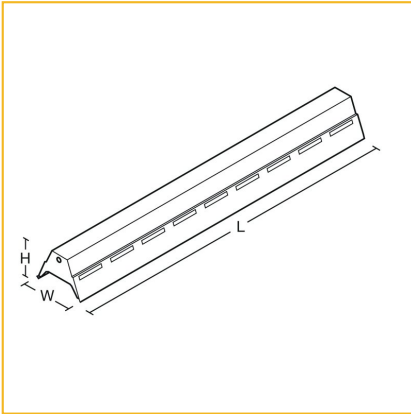
\*\* Cannot be used with DALI products. Up to 6m mounting height. Not for use with High rack product

\*\*\*\* Cannot be fitted to high rack reflector product

# LED Performance

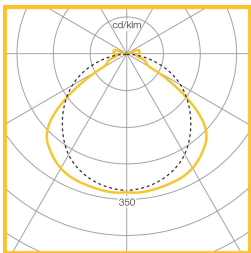
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

## Dimensions

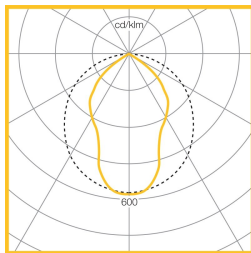


VERSION	L	W	H	KG	KG(EM)
2500/7500 lumen	1275	198	137	4.5	5.5
5000/10,000 lumen	1575	198	137	7.1	8
Hi Rack, 7500 lumen	1275	264	168	5	6
Hi Rack, 10,000 lumen	1575	264	168	7.5	8.5
15,000/22,000 lumen	1875	198	137	7.2	8.2
Hi Rack 15,000/22,000 lumen	1875	264	168	7.2	8.7

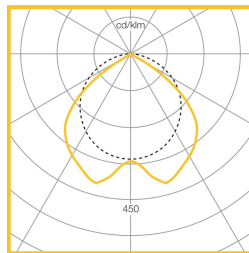
## Photometric Performance



Symmetric Wide  
45W LED 5000  
Lumens  
LOR = 100.0%  
SHR MAX = 1.83

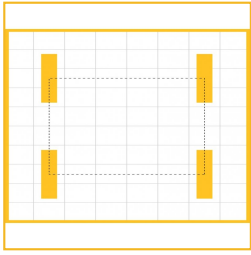


High Rack 89W  
LED 10000  
Lumens  
LOR = 100.0%  
SHR MAX = 1.06

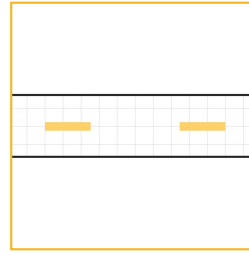


Symmetric  
Medium 22W LED  
2500 Lumens  
LOR = 100.0%  
SHR MAX = 1.91

## Performance Guide



Lamps	45W LED
Illuminance	460 lux
Spacing	3.0m x 3.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	6.0m
Working plane	0.8m



Lamps	89W LED
Illuminance	301 lux
Spacing	0.0m x 4.5m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	6.0m
Working plane	0.0m

## 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

## Application images

