



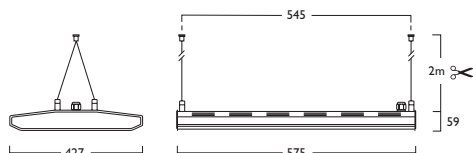
PIR version shown

Vertigo® Quad Highbay

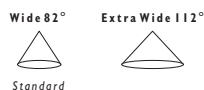
LED
 136W LED 483 LED 136 + 461

LED & PIR
 136W LED 486 LED 136 + 461

PIR versions not suitable for use with Gear Types J and K



230V 50Hz IP20 545mm 6.6 kg Ta 45°C



- Available in a choice of lumen outputs delivering up to 23,200 lumens
- Efficacies up to 128 lm/W
- Wide beam refractor (82°) as standard, ideally suited to Warehouse and Superstore applications
- Optional Extra Wide beam refractor (112°) for general illumination
- Suitable for ambient temperatures up to 45°C
- Life expectancy in excess of 72,000 hours (L80 B10) at 25°C ambient and 70,000 hours (L80 B10) at 45°C ambient
- Colour stability within 3 MacAdams
- The PIR Detector defaults can be modified with the use of the Hand Held Controller or Programmer (contact our Lighting Design Department for advice)
- Versatile installation solutions include Suspended, Surface, Trunking and Gripple. (Gripple and Trunking not supplied with fixings)
- Suspension versions supplied with 2 x 2m Suspensions and chrome clutches as standard
- IK08 Compliant

PN Pendant GR Gripple SM Surface TM Trunking

NB: Gripple and Trunking versions not supplied with fixings, Gripple versions can be used for chain mounting

Gear types F & G must be operated through a DSI

- A** Integral Driver
- E** Emergency
- F** Digital Dim
- G** Digital Dim + Emergency
- J** Switch Dim
- K** Switch Dim + Emergency
- S** DALI Dim
- T** DALI Dim + Emergency
- C** DALI Dim + DALI Emergency

3 Warm (3000K) 4 Neutral (4000K)

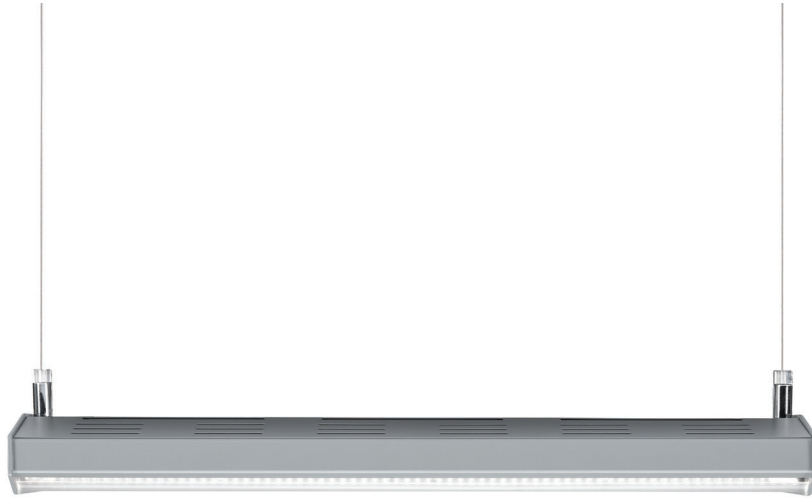
1 White (RAL 9010) 2 Urban Graphite (RAL 7046) 3 Black (RAL 9005)

Refractor Option

544 4x Extra Wide Beam 464

144 2x 5m Twin Suspensions (Wires only)

Tel: (0191) 280 9911 Email: technical@hacel.co.uk Web: www.hacel.co.uk

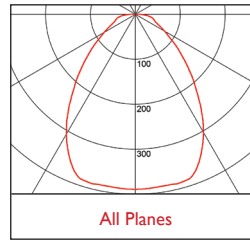


Quad 575 x 427 x 59mm

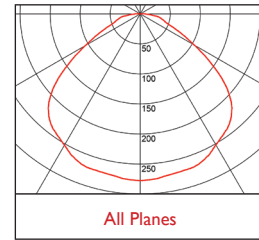
Vertigo® Quad Highbay

3	Warm White LED (3000K)	CRI 80 136W
	Lumen Output	22168 lm
	LOR	0.80
	CRI	80
	Total Power	143.9W
	Power Factor	0.95
	Running Current	0.66A
	Inrush Current (Std)	50.5A (176us)
	Inrush Current (Dim)	84.0A (255us)
	Efficacy	123 lm/W
	Emergency Output (BLF)	443 lm (2%)
4	Neutral White LED (4000K)	CRI 80 136W
	Lumen Output	23200 lm
	LOR	0.80
	CRI	80
	Total Power	143.9W
	Power Factor	0.95
	Running Current	0.66A
	Inrush Current (Std)	50.5A (176us)
	Inrush Current (Dim)	84.0A (255us)
	Efficacy	128 lm/W
	Emergency Output (BLF)	464 lm (2%)

Photometrics



461 DLOR: 0.80



464 DLOR: 0.80

Suspensions and Mounting details shown over

Vertigo® Quad Highbay Suspensions & Mounting

Fixing Types

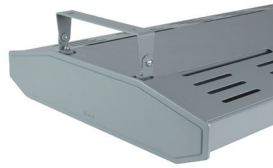
PN Pendant



GR Gripple



SM Surface



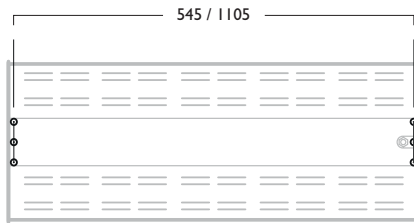
TM Trunking



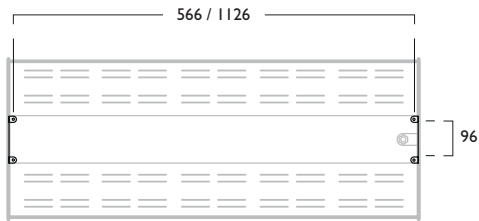
Fixing Centres

Quad / Quad Linear

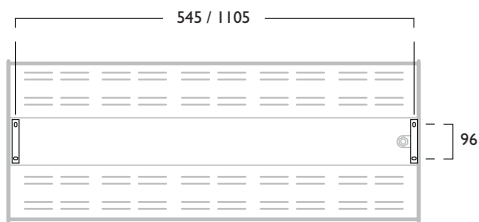
PN Suspended



GR Gripple



SM Surface



TM Trunking

