

PIR version shown

Vertigo® Duet Linear Plus Highbay

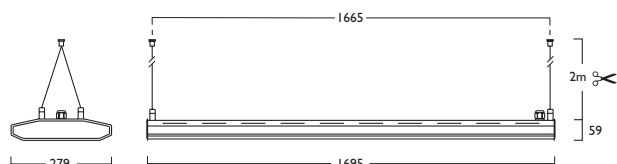
LED

 211W LED _ _ **495** _ **LED** _ **211** _ _ **+** _ **469**

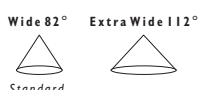
LED & PIR

 211W LED _ _ **496** _ **LED** _ **211** _ _ **+** _ **469**

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



230V **IP** 20 ϕ ϕ 1665mm **Ta** 45°C
 50Hz 20 11.8 kg



- Available in a choice of lumen outputs delivering up to 32,160 lumens
- Efficacies up to 115 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 60,000 hours (L70 B10) at 25°C ambient and 49,000 hours (L70 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

548 2x Extra Wide Beam _ **470**

144 2x 5m Twin Suspensions (Wires only)

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



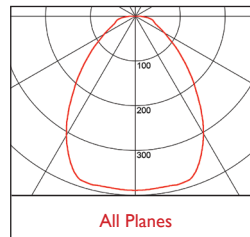
Duet Linear Plus 1695 x 279 x 59mm

Vertigo® Duet Linear Plus Highbay

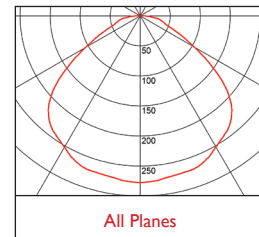
3	Warm White LED (3000K)	CRI 80 21 l W
	Lumen Output	30840 lm
	LOR	0.80
	CRI	80
	Total Power	221.8W
	Power Factor	0.99
	Running Current	0.97A
	Inrush Current	173.1A (217us)
	Efficacy	111 lm/W
	Emergency Output (BLF)	555 lm (1.8%)

4	Neutral White LED (4000K)	CRI 80 21 l W
	Lumen Output	32160 lm
	LOR	0.80
	CRI	80
	Total Power	221.8W
	Power Factor	0.99
	Running Current	0.97A
	Inrush Current	173.1A (217us)
	Efficacy	115 lm/W
	Emergency Output (BLF)	578 lm (1.8%)

Photometrics



469 DLOR: 0.80



470 DLOR: 0.80

Suspensions and Mounting details shown over

Vertigo® Duet Linear Plus Highbay Suspensions & Mounting

Fixing Types

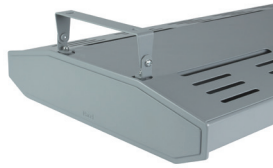
PN Pendant



GR Gripple



SM Surface



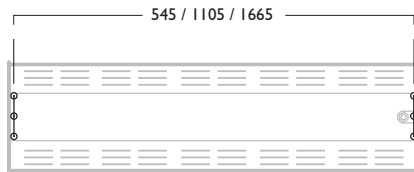
TM Trunking



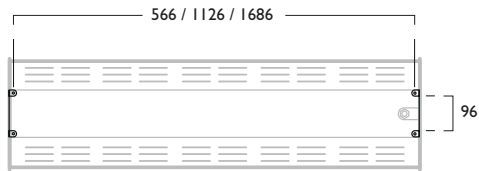
Fixing Centres

Duet / Duet Linear / Duet Linear Plus

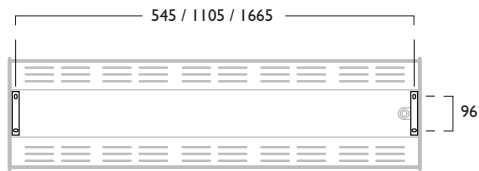
PN Suspended



GR Gripple



SM Surface



TM Trunking

