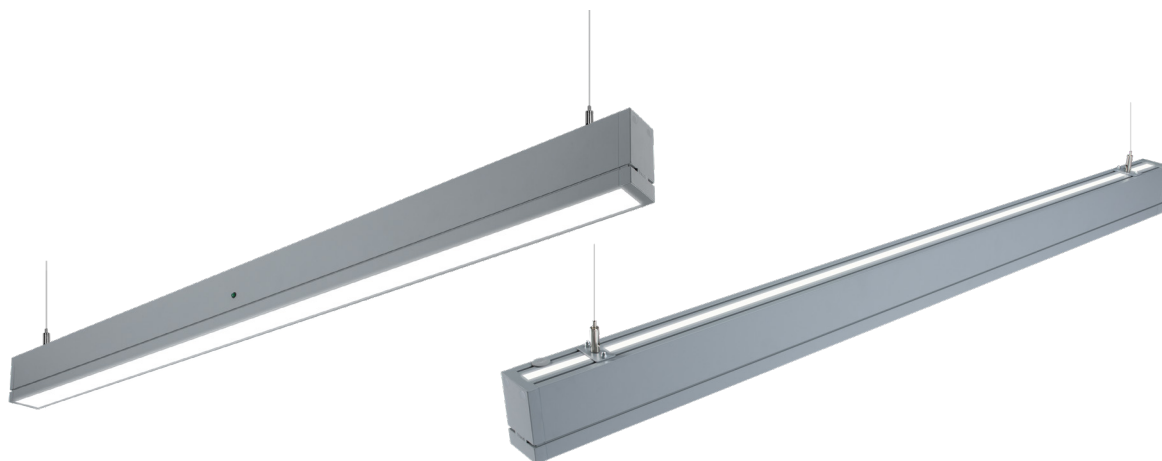




Infinitas® Nano Direct Indirect

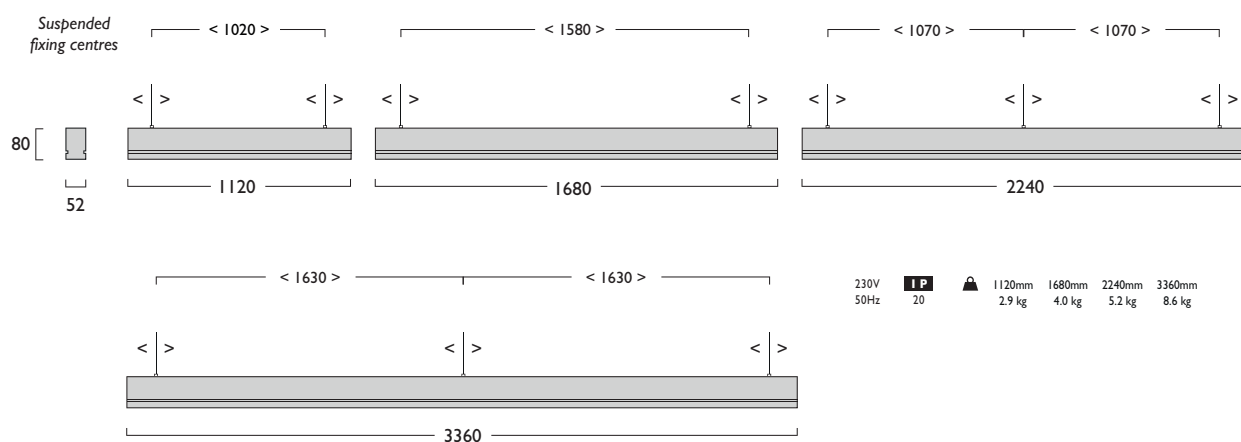
Infinitas® Nano by Hacer is a refined LED system. Designed and manufactured in the UK, Infinitas® Nano is sophisticated and minimal in its design. Precision extruded luminaires are available in Suspended, Surface or Recessed formats.

As part of the Infinitas® range, creating continuous lines of uninterrupted uniform lighting, the flexibility of Infinitas® Nano is further enhanced by Direct and Direct/Indirect lighting variations and complete illuminated 90° corners are available, offering diversity in architectural lighting design.

Stylish Solo Modules are also available to complement the continuous system. Solo Modules are supplied complete with End Caps.

- Available in High, Medium or Low Output Modules
- Low Output Modules with Microprism Refractor and Film achieve UGR <19
- Clip in gear trays for ease of installation - 70% quicker than screw in trays
- Plug and socket connections for quick assembly on link systems
- Offering a choice of lumen outputs, delivering up to 14587 lumens
- Efficacies up to 108 lm/W
- Features efficient uplighting functionality
- Life expectancy in excess of 72,000 hours (L80 B10)
- Corporate colours made to special order
- Suspended luminaires are supplied complete with 2m Wire Suspensions (variable positioning)
- All Modules are available with MicroPrism Refractors or Opal Diffusers, see option codes
- Wireless Lighting Control available, see Connected video for full overview

Suspended Modules Fixing Centres (mm)



High Output

15%

85%

High Output

Infinitas® Nano Direct Indirect

Opal Microprism

Options

Opal Option

Microprism Option

Only Low Output Modules with Microprism Refractor and Film achieve $UGR < 19$.

IV Link Suspended (Direct/Indirect)

IK Solo Suspended (Direct/Indirect)

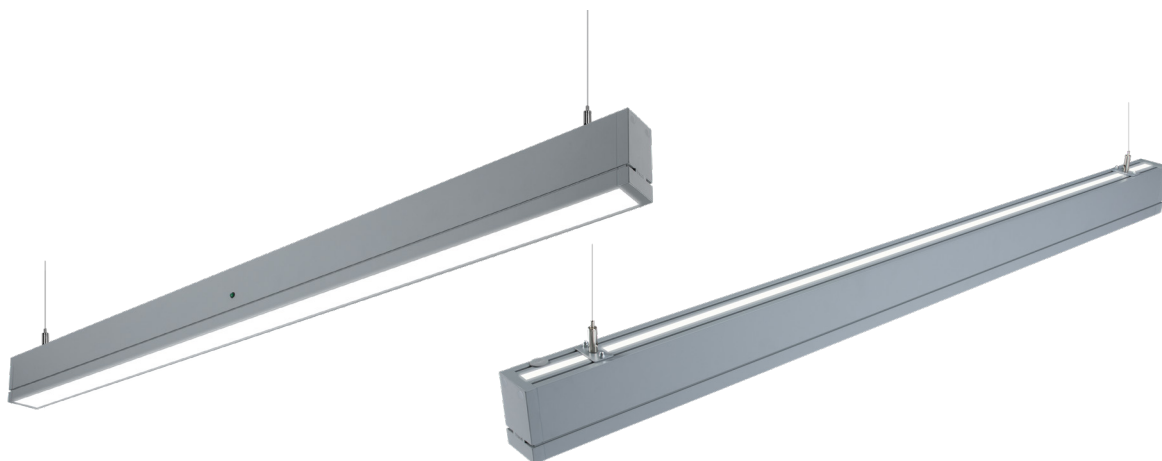
- A** Integral Driver/Remote
- E** Emergency
- J** Switch Dim
- K** Switch Dim + Emergency
- S** DALI Dim
- T** DALI Dim + Emergency
- C** DALI Dim + DALI Emergency
- L** DALI Bluetooth
- M** DALI Bluetooth + Emergency

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

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

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

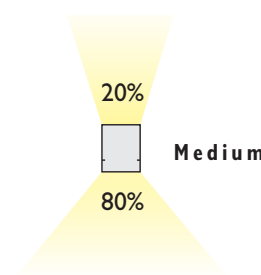
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3	Warm White LED (3000K)	CRI 80	21W	32W	42W	64W
	Lumen Output		3503 lm	5222 lm	7006 lm	10510 lm
	LOR		0.68	0.68	0.68	0.68
	CRI		80	80	80	80
	Total Power		24.0W	34.6W	48.0W	69.2W
	Power Factor		0.95 /0.97	0.99 /0.97	0.95 /0.97	0.99 /0.97
	Running Current		0.10A	0.15A	0.20A	0.30A
	Inrush Current (Std)		44.0A (320us)	55.0A (320us)	65.0A (320us)	87.0A (320us)
	Inrush Current (Dim)		36.6A (320us)	36.6A (320us)	50.2A (320us)	50.2A (320us)
	Efficacy		99 lm/W	102 lm/W	99 lm/W	103 lm/W
	Emergency Output (BLF)		N/A	324 (6%)*	324 (4%)*	324 (3%)*
4	Neutral White LED (4000K)	CRI 80	21W	32W	42W	64W
	Lumen Output		3688 lm	5498 lm	7376 lm	11063 lm
	LOR		0.68	0.68	0.68	0.68
	CRI		80	80	80	80
	Total Power		24.0W	34.6W	48.0W	69.2W
	Power Factor		0.95 /0.97	0.99 /0.97	0.95 /0.97	0.99 /0.97
	Running Current		0.10A	0.15A	0.20A	0.30A
	Inrush Current (Std)		44.0A (320us)	55.0A (320us)	65.0A (320us)	87.0A (320us)
	Inrush Current (Dim)		36.6A (320us)	36.6A (320us)	50.2A (320us)	50.2A (320us)
	Efficacy		104 lm/W	108 lm/W	104 lm/W	108 lm/W
	Emergency Output (BLF)		N/A	344 (6%)*	344 (4%)*	344 (3%)*

* % of Direct illumination

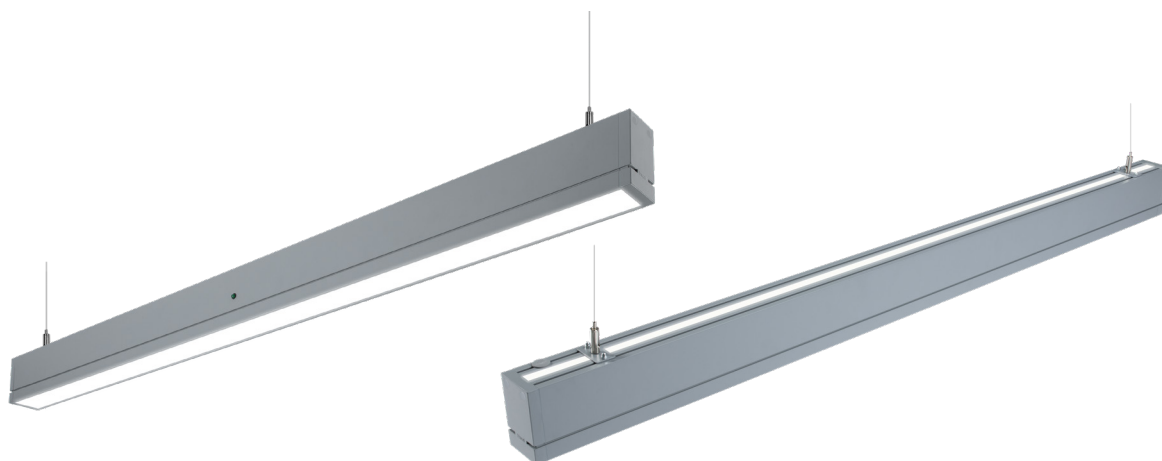
Medium Output



Infinitas® Nano Direct Indirect

Medium Output

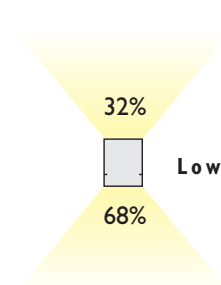
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3	Warm White LED (3000K)	CRI 80	15W	22W	29W	44W
	Lumen Output		2355 lm	3500 lm	4710 lm	7066 lm
	LOR		0.68	0.68	0.68	0.68
	CRI		80	80	80	80
	Total Power		16.6W	24.7W	33.2W	49.4W
	Power Factor		0.95 /0.92	0.95 /0.92	0.95 /0.92	0.95 /0.92
	Running Current		0.07A	0.10A	0.14A	0.20A
	Inrush Current (Std)		44.0A (320us)	44.0A (320us)	65.0A (320us)	65.0A (320us)
	Inrush Current (Dim)		36.6A (320us)	36.6A (320us)	50.2A (320us)	50.2A (320us)
	Efficacy		96 lm/W	96 lm/W	96 lm/W	97 lm/W
	Emergency Output (BLF)		N/A	358 (10%)*	358 (7%)*	358 (5%)*
4	Neutral White LED (4000K)	CRI 80	15W	22W	29W	44W
	Lumen Output		2468 lm	3668 lm	4936 lm	7403 lm
	LOR		0.68	0.68	0.68	0.68
	CRI		80	80	80	80
	Total Power		16.6W	24.7W	33.2W	49.4W
	Power Factor		0.95 /0.92	0.95 /0.92	0.95 /0.92	0.95 /0.92
	Running Current		0.07A	0.10A	0.14A	0.20A
	Inrush Current (Std)		44.0A (320us)	44.0A (320us)	65.0A (320us)	65.0A (320us)
	Inrush Current (Dim)		36.6A (320us)	36.6A (320us)	50.2A (320us)	50.2A (320us)
	Efficacy		101 lm/W	100 lm/W	101 lm/W	101 lm/W
	Emergency Output (BLF)		N/A	381 (10%)*	381 (7%)*	381 (5%)*

* % of Direct illumination

Low Output



Infinitas® Nano Direct Indirect

Low Output

LED	15W	22W	29W	44W	Options
LED	LED	LED	LED	LED	Options
1120mm	1680mm	2240mm	3360mm		
1316	1319	1322	1325		
15	22	29	44		
673	674	675	676		
688	689	690	691		

1120mm **Not** available in Emergency Gear Type (E, K, T, C, & M)

To ensure illumination uniformity **High, Medium** or **Low** Output Modules should **Not** be mixed. Modules should **always** be matched within their output group.

Options

- 303 2x 5m Suspensions (wires only) (1120mm/1680mm Modules)
- 344 3x 5m Suspensions (wires only) (2240mm/3360mm Modules)

Opal Option

- 700 1120mm Opal Diffuser
- 701 1680mm Opal Diffuser
- 702 2240mm Opal Diffuser
- 703 3360mm Opal Diffuser

Microprism Option

- 705 1120mm Microprism Refractor and Film
- 706 1680mm Microprism Refractor and Film
- 707 2240mm Microprism Refractor and Film
- 708 3360mm Microprism Refractor and Film

Only Low Output Modules with Microprism Refractor and Film achieve UGR<19.

IV Link Suspended (Direct/Indirect)

IK Solo Suspended (Direct/Indirect)

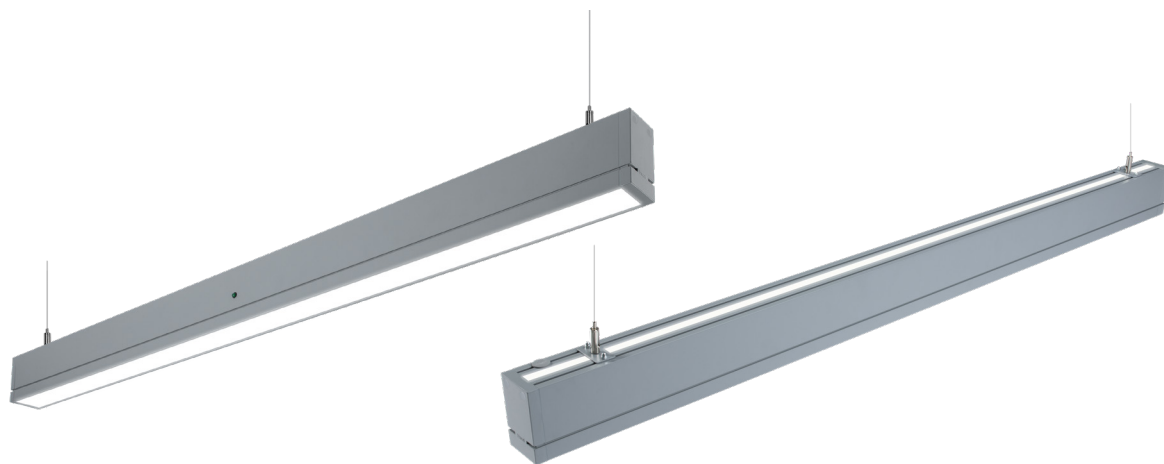
- A Integral Driver/Remote
- E Emergency
- J Switch Dim
- K Switch Dim + Emergency
- S DALI Dim
- T DALI Dim + Emergency
- C DALI Dim + DALI Emergency
- L DALI Bluetooth
- M DALI Bluetooth + Emergency

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

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

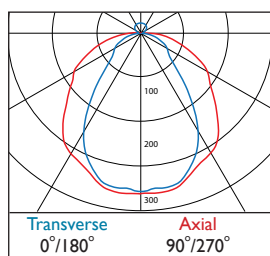
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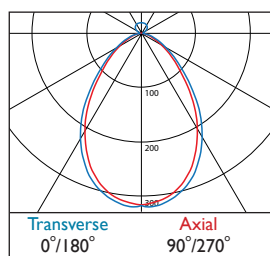
Infinitas® Nano Direct Indirect

Photometrics



LOR: 0.68

Opal



LOR: 0.60

Microprism

Infinitas® Nano End Caps Direct Indirect

2x End Caps Suspended IN1331 X CAP000 -



Suspended