



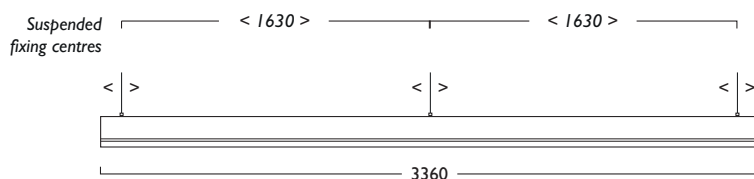
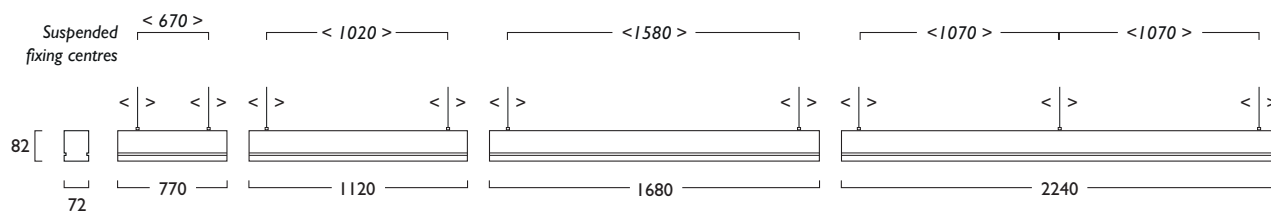
Infinitas[®] Micro Direct Indirect

Infinitas[®] Micro by Hacer is a refined LED system. Designed and manufactured in the UK, Infinitas[®] Micro is sophisticated and minimal in its design. Precision extruded luminaires are available in Surface, Suspended or Recessed in both Bezel and Bezel free formats. As part of the Infinitas[®] range, creating continuous lines of uninterrupted uniform lighting, the flexibility of Infinitas[®] Micro is further enhanced by Direct and Direct/Indirect lighting variations and complete illuminated 90° corners are available, offering diversity in architectural lighting design.

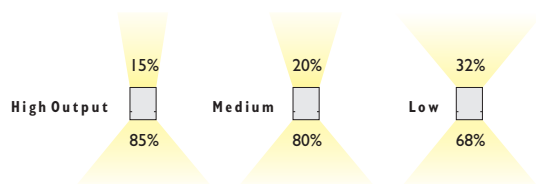
Stylish solo modules are also available to compliment the continuous system. Solo Modules are supplied complete with End Caps.

- Available in High, Medium or Low Output Modules
- Medium and Low Output Modules with Microprism Refractor and Film achieve UGR <19
- Plug and socket connections for quick assembly on link systems
- Offering a choice of lumen outputs, delivering up to 14505 lumens
- Efficacies up to 118 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)



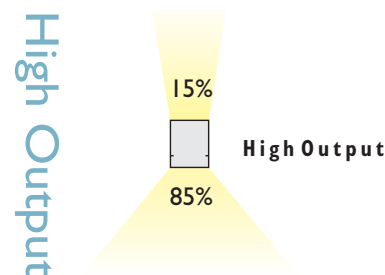
230V 50Hz	IP 20	2.8 kg	4.5 kg	6.3 kg	8.4 kg	12.1 kg
		770mm	1120mm	1680mm	2240mm	3360mm





	CRI 80	19W	27W	41W	55W	82W
3 Warm White LED (3000K)						
Lumen Output	3159 lm	4642 lm	6930 lm	9284 lm	13926 lm	
LOR	0.72	0.72	0.72	0.72	0.72	0.72
CRI	80	80	80	80	80	80
Total Power	21.1W	31.1W	45.8W	62.3W	90.1W	
Power Factor	0.95	0.95	0.95	0.95	0.95	0.95
Running Current	0.10A	0.14A	0.20A	0.28A	0.41A	
Inrush Current (Std)	20.0A (250us)	20.0A (250us)	30.0A (280us)	35.0A (250us)	55.0A (280us)	
Inrush Current (Dim)	72.0A (180us)	72.0A (180us)	72.0A (180us)	101.0A (180us)	101.0A (180us)	
Efficacy	107 lm/W	107 lm/W	108 lm/W	107 lm/W	111 lm/W	
Emergency Output (BLF)	N/A	469 (12%)*	469 (8%)*	469 (6%)*	469 (4%)*	
4 Neutral White LED (4000K)						
Lumen Output	3291 lm	4835 lm	7219 lm	9670 lm	14505 lm	
LOR	0.72	0.72	0.72	0.72	0.72	0.72
CRI	80	80	80	80	80	80
Total Power	21.1W	31.1W	45.8W	62.3W	90.1W	
Power Factor	0.95	0.95	0.95	0.95	0.95	0.95
Running Current	0.10A	0.14A	0.20A	0.28A	0.41A	
Inrush Current (Std)	20.0A (250us)	20.0A (250us)	30.0A (280us)	35.0A (250us)	55.0A (280us)	
Inrush Current (Dim)	72.0A (180us)	72.0A (180us)	72.0A (180us)	101.0A (180us)	101.0A (180us)	
Efficacy	112 lm/W	111 lm/W	113 lm/W	111 lm/W	115 lm/W	
Emergency Output (BLF)	N/A	491 (12%)*	491 (8%)*	491 (6%)*	491 (4%)*	

* % of Direct illumination



Infinitas® Micro Direct Indirect

High Output

LED	770mm	1120mm	1680mm	2240mm	3360mm	Opal	Microprism
19W LED	1118	1122	1126	1130	1134	520	620
27W LED	---	---	---	---	---	521	621
41W LED	---	---	---	---	---	522	622
55W LED	---	---	---	---	---	523	623
82W LED	---	---	---	---	---	524	624

770mm Not available in Emergency Gear Types

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

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)

Options

303 2x 5m Suspensions (wires only) (560mm/1120mm/1680mm Modules)

344 3x 5m Suspensions (wires only) (2240mm/3360mm Modules)

600 770mm Opal Diffuser

601 1120mm Opal Diffuser

602 1680mm Opal Diffuser

603 2240mm Opal Diffuser

604 3360mm Opal Diffuser

606 770mm Microprism Refractor and Film

607 1120mm Microprism Refractor and Film

608 1680mm Microprism Refractor and Film

609 2240mm Microprism Refractor and Film

610 3360mm Microprism Refractor and Film

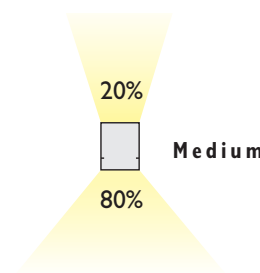


3	Warm White LED (3000K)	CRI 80	14W	20W	30W	41W	61W
	Lumen Output		2394 lm	3532 lm	5265 lm	7064 lm	10596 lm
	LOR		0.72	0.72	0.72	0.72	0.72
	CRI		80	80	80	80	80
	Total Power		15.4W	22.9W	34.1W	45.8W	66.7W
	Power Factor		0.95	0.95	0.95	0.95	0.95
	Running Current		0.07A	0.10A	0.15A	0.20A	0.29A
	Inrush Current (Std)		37.0A (240us)	37.0A (240us)	35.0A (253us)	69.0A (240us)	69.0A (240us)
	Inrush Current (Dim)		72.0A (180us)	72.0A (180us)	72.0A (180us)	101.0A (180us)	101.0A (180us)
	Efficacy		111 lm/W	111 lm/W	111 lm/W	111 lm/W	114 lm/W
	Emergency Output (BLF)		N/A	505 (18%)*	505 (12%)*	505 (9%)*	505 (6%)*

4	Neutral White LED (4000K)	CRI 80	14W	20W	30W	41W	61W
	Lumen Output		2491 lm	3673 lm	5476 lm	7346 lm	11019 lm
	LOR		0.72	0.72	0.72	0.72	0.72
	CRI		80	80	80	80	80
	Total Power		15.4W	22.9W	34.1W	45.8W	66.7W
	Power Factor		0.95	0.95	0.95	0.95	0.95
	Running Current		0.07A	0.10A	0.15A	0.20A	0.29A
	Inrush Current (Std)		37.0A (240us)	37.0A (240us)	35.0A (253us)	69.0A (240us)	69.0A (240us)
	Inrush Current (Dim)		72.0A (180us)	72.0A (180us)	72.0A (180us)	101.0A (180us)	101.0A (180us)
	Efficacy		116 lm/W	115 lm/W	115 lm/W	115 lm/W	118 lm/W
	Emergency Output (BLF)		N/A	528 (18%)*	528 (12%)*	528 (9%)*	528 (6%)*

* % of Direct illumination

Medium Output



Infinitas® Micro Direct Indirect

Medium Output

LED	770mm	1120mm	1680mm	2240mm	3360mm	Opal	Microprism
14W LED	1118	1122	1126	1130	1134	525	625
20W LED	1122	1126	1130	1134	1138	526	626
30W LED	1126	1130	1134	1138	1142	527	627
41W LED	1130	1134	1138	1142	1146	528	628
61W LED	1134	1138	1142	1146	1150	529	629

770mm Not available in Emergency Gear Types

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

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)

Options

303 2x 5m Suspensions (wires only) (560mm/1120mm/1680mm Modules)

344 3x 5m Suspensions (wires only) (2240mm/3360mm Modules)

600 770mm Opal Diffuser

601 1120mm Opal Diffuser

602 1680mm Opal Diffuser

603 2240mm Opal Diffuser

604 3360mm Opal Diffuser

606 770mm Microprism Refractor and Film

607 1120mm Microprism Refractor and Film

608 1680mm Microprism Refractor and Film

609 2240mm Microprism Refractor and Film

610 3360mm Microprism Refractor and Film

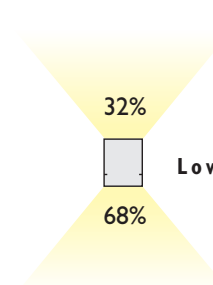


3	Warm White LED (3000K)	CRI 80	9W	14W	20W	27W	41W
	Lumen Output		1574 lm	2340 lm	3477 lm	4690 lm	7020 lm
	LOR		0.64	0.64	0.64	0.64	0.64
	CRI		80	80	80	80	80
	Total Power		10.6W	15.8W	23.5W	31.7W	45.5W
	Power Factor		0.95	0.95	0.95	0.95	0.95
	Running Current		0.05A	0.07A	0.10A	0.14A	0.20A
	Inrush Current (Std)		34.0A (180us)	37.0A (240us)	37.0A (240us)	69.0A (240us)	69.0A (240us)
	Inrush Current (Dim)		72.0A (180us)	72.0A (180us)	72.0A (180us)	101.0A (180us)	101.0A (180us)
	Efficacy		95 lm/W	94 lm/W	94 lm/W	94 lm/W	98 lm/W
	Emergency Output (BLF)		N/A	532 (33%)*	532 (22%)*	518 (16%)*	532 (11%)*

4	Neutral White LED (4000K)	CRI 80	9W	14W	20W	27W	41W
	Lumen Output		1633 lm	2427 lm	3607 lm	4854 lm	7281 lm
	LOR		0.64	0.64	0.64	0.64	0.64
	CRI		80	80	80	80	80
	Total Power		10.6W	15.8W	23.5W	31.7W	45.5W
	Power Factor		0.95	0.95	0.95	0.95	0.95
	Running Current		0.05A	0.07A	0.10A	0.14A	0.20A
	Inrush Current (Std)		34.0A (180us)	37.0A (240us)	37.0A (240us)	69.0A (240us)	69.0A (240us)
	Inrush Current (Dim)		72.0A (180us)	72.0A (180us)	72.0A (180us)	101.0A (180us)	101.0A (180us)
	Efficacy		98 lm/W	98 lm/W	98 lm/W	98 lm/W	102 lm/W
	Emergency Output (BLF)		N/A	557 (33%)*	557 (22%)*	540 (16%)*	557 (11%)*

* % of Direct illumination

Low Output



Infinitas® Micro Direct Indirect

Low Output

LED	Opal	Microprism
9W LED 770mm	1118 LED 09	630 530
14W LED 1120mm	1122 LED 14	631 531
20W LED 1680mm	1126 LED 20	632 532
27W LED 2240mm	1130 LED 27	633 533
41W LED 3360mm	1134 LED 41	634 534

770mm Not available in Emergency Gear Types

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608 1680mm Microprism Refractor and Film

609 2240mm Microprism Refractor and Film

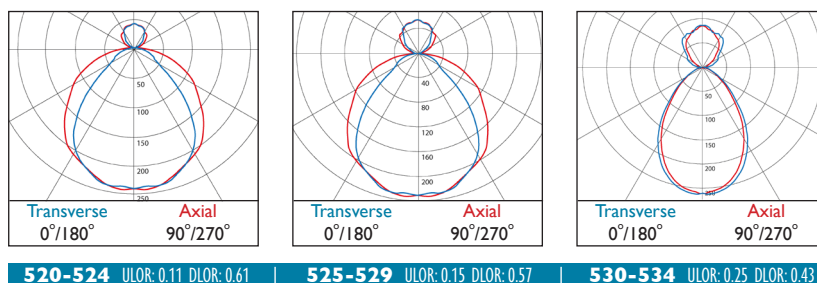
610 3360mm Microprism Refractor and Film

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



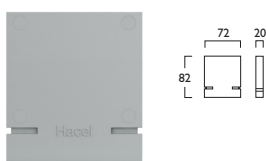
Infinitas® Micro Direct Indirect

Photometrics



Infinitas® Micro - End Caps Direct Indirect

2x End Caps Suspended IN1110 CAP000



Surface/Suspended