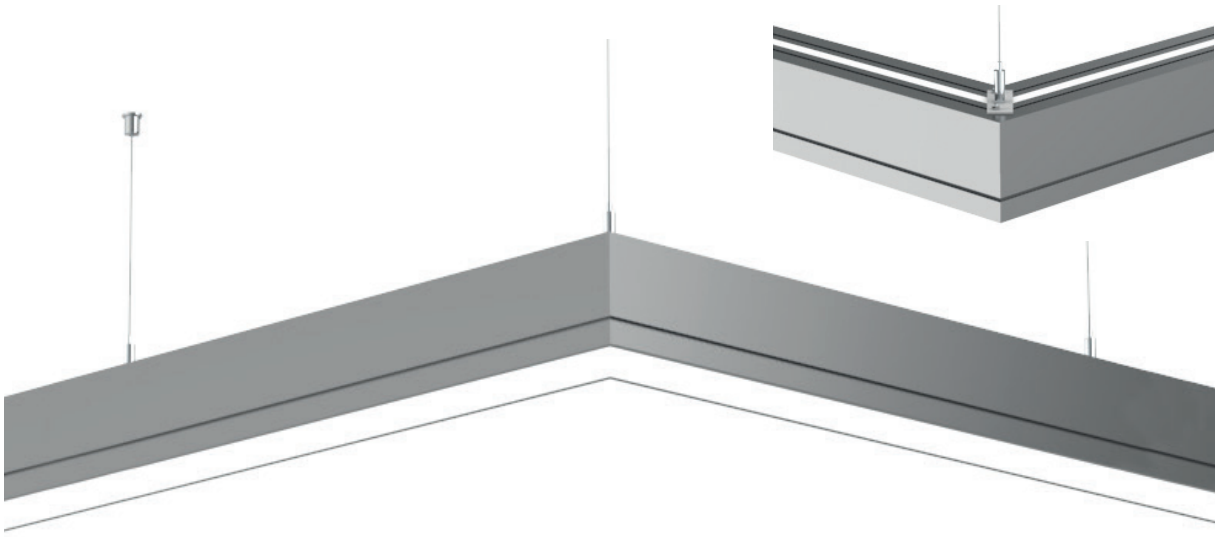


# Infinitas® Micro Corners 90° Direct Indirect

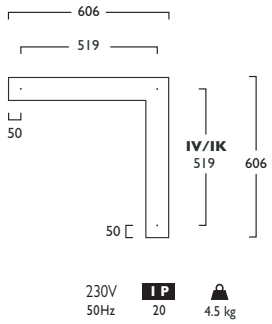
Infinitas® Micro by Hacel is a refined LED system. Designed and manufactured in the UK, Infinitas® Micro is sophisticated and minimal in its design. Precision extruded luminaires are available in Surface, Suspended or Recessed in both Bezel and Bezel free formats.
As part of the Infinitas® range, creating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

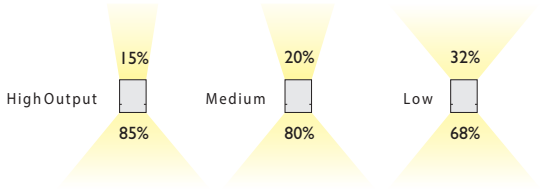
Stylish solo modules are also available to compliment the continuous system. Solo Modules are supplied complete with End Caps.

- 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 4835 lumens
- Life expectancy in excess of 72,000 hours (L80 B10), Zhaga Book 7 LED
- Efficacies up to 115 lm/W
- 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)

### 90° Corner Direct Indirect

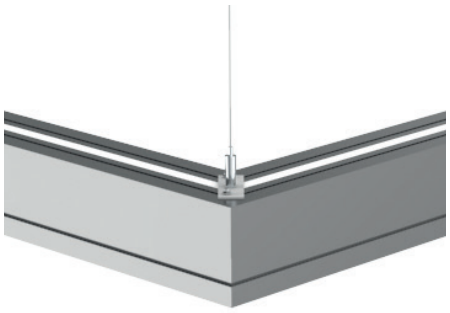





Hacel® Fluent in Lighting

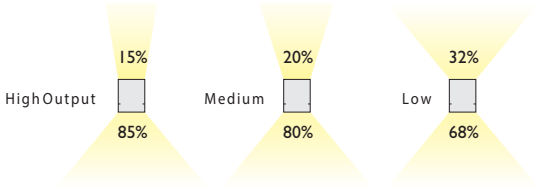




| | | High | Medium | Low |
|---|---|---|---|---|
| 3 | **Warm White** LED (**3000K**) | **CRI 80** **27W** | **20W** | **13W** |
| | Lumen Output | 4642 lm | 3532 lm | 2340 lm |
| | LOR | 0.72 | 0.72 | 0.64 |
| | CRI | 80 | 80 | 80 |
| | Total Power | 31.1W | 22.9W | 15.8W |
| | Power Factor | 0.95 | 0.95 | 0.95 |
| | Running Current | 0.14A | 0.10A | 0.07A |
| | Inrush Current (Std) | 20.0A (250us) | 37.0A (240us) | 37.0A (240us) |
| | Inrush Current (Dim) | 72.0A (180us) | 72.0A (180us) | 72.0A (180us) |
| | Efficacy | 107 lm/W | 111 lm/W | 94 lm/W |
| | Emergency Output (BLF) | 469 (12%)* | 505 (18%)* | 532 (33%)* |
| 4 | **Neutral White** LED (**4000K**) | **CRI 80** **27W** | **20W** | **13W** |
| | Lumen Output | 4835 lm | 3673 lm | 2427 lm |
| | LOR | 0.72 | 0.72 | 0.64 |
| | CRI | 80 | 80 | 80 |
| | Total Power | 31.1W | 22.9W | 15.8W |
| | Power Factor | 0.95 | 0.95 | 0.95 |
| | Running Current | 0.14A | 0.10A | 0.07A |
| | Inrush Current (Std) | 20.0A (250us) | 37.0A (240us) | 37.0A (240us) |
| | Inrush Current (Dim) | 72.0A (180us) | 72.0A (180us) | 72.0A (180us) |
| | Efficacy | 111 lm/W | 115 lm/W | 98 lm/W |
| | Emergency Output (BLF) | 491 (12%)* | 528 (18%)* | 557 (33%)* |

** % of Direct illumination*

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




# Infinitas® Micro Corners 90° Direct Indirect

### High Output

| | | | | | | | | | | | Opal | Microprism |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LED** | | | | | | | | | | | | |
| 27W | LED | **606mm** | __ | **1138** | _ | **LED** | _ | 27 | _ | _ | *537* | *637* |

### Medium Output

| | | | | | | | | | | | Opal | Microprism |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LED** | | | | | | | | | | | | |
| 20W | LED | **606mm** | __ | **1138** | _ | **LED** | _ | 20 | _ | _ | *538* | *638* |

### Low Output

| | | | | | | | | | | | Opal | Microprism |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LED** | | | | | | | | | | | | |
| 13W | LED | **606mm** | __ | **1138** | _ | **LED** | _ | 13 | _ | _ | *639* | *539* |

*770mm Not available in Emergency Gear Types*

**Options**

**344** 3x 5m Suspensions (wires only)

**605** Corner Opal Diffuser

**611** Corner 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
**J** Switch Dim
**S** DALI Dim
**L** DALI Bluetooth

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

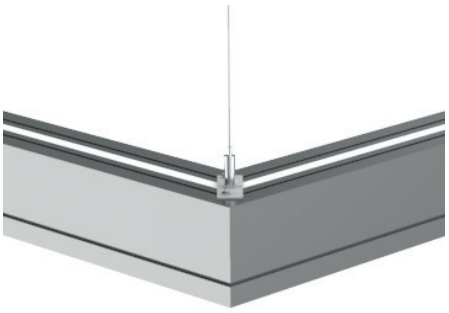
**1** White (RAL 9010) **2** Urban Graphite (RAL 7046) **3** Black (RAL 9005)

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



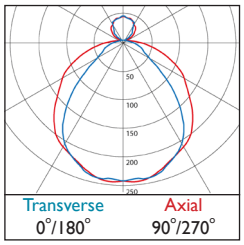
Hacel® Fluent in Lighting

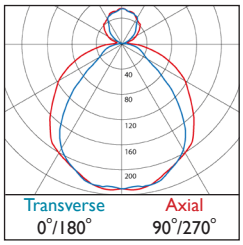


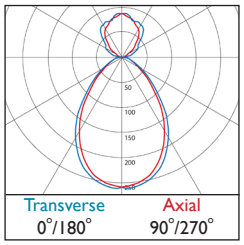


# Infinitas® Micro Corners Direct Indirect

## Photometrics




**537** ULOR: 0.11 DLOR: 0.61 | **538** ULOR: 0.15 DLOR: 0.57 | **539** ULOR: 0.25 DLOR: 0.43

# Infinitas® Micro - End Caps Direct Indirect

| | | | | | | |
|---|---|---|---|---|---|---|
| 2x | End Caps | **Suspended** | | **IN1110** | X | **CAP000** |







Suspended

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



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