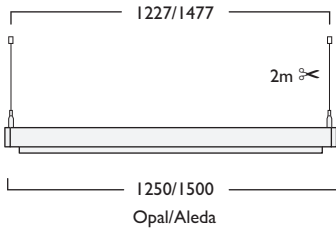
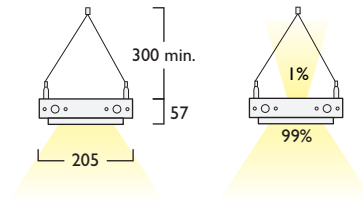


## Suspended & Surface

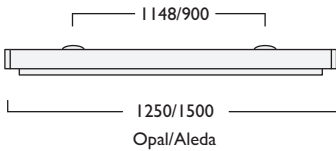
- Exciting and imaginative surface or suspended horizontal system
- Allows a diverse range of lighting scenarios to be created
- Neatly integrates general, accent and ambient lighting
- Engineering excellence with contemporary styling
- Branded components ensure maximum level of performance and reliability
- Suspended Modules are supplied with 2x 2m Twin Wire Suspensions
- Wireless Lighting Control available



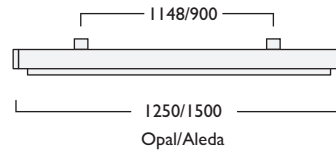
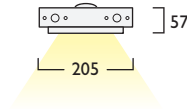
**Link Suspended**



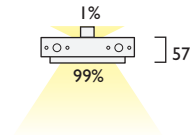
**+ Light Spill**



**Link Surface**

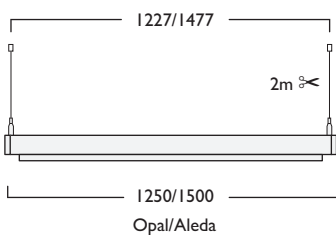


**Link Surface + Light Spill**

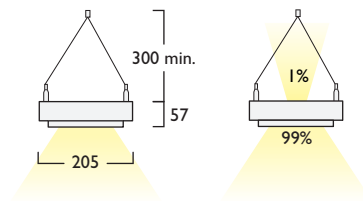


## Suspended & Surface

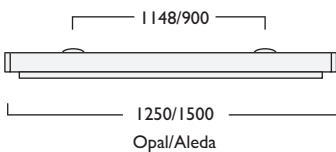
- Designed to complement Link Modules
- Slim, sleek design enhanced by choice of surface and suspended options
- Choice of light sources available
- Encompasses design, performance and quality engineering
- Available in a choice of powder coated finishes including corporate colours to order
- Suspended Modules are supplied with 2x 2m Twin Wire Suspensions
- Wireless Lighting Control available



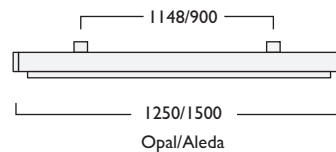
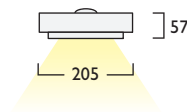
**Solo Suspended**



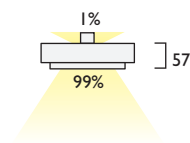
**+ Light Spill**

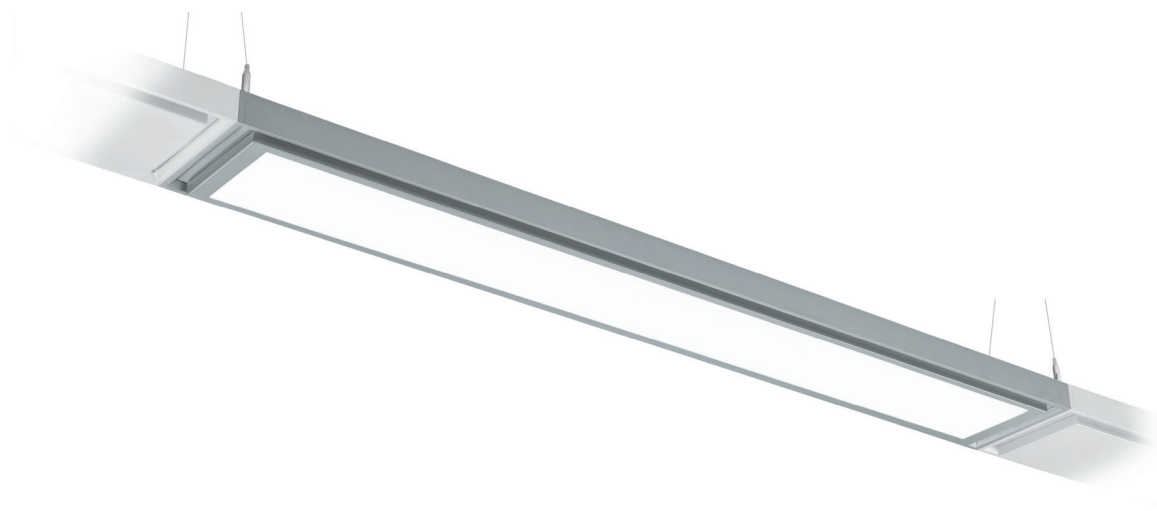


**Solo Surface**



**Solo Surface + Light Spill**





| 3 | Warm White LED (3000K)                  | CRI 80 | 22W           | 46W           |
|---|-----------------------------------------|--------|---------------|---------------|
|   | Lumen Output                            |        | 4101 lm       | 7673 lm       |
|   | LOR                                     |        | 0.86          | 0.86          |
|   | CRI                                     |        | 80            | 80            |
|   | Total Power                             |        | 23.8W         | 48.0W         |
|   | Power Factor                            |        | 0.92          | 0.97          |
|   | Running Current                         |        | 0.11A         | 0.21A         |
|   | Inrush Current (Std)                    |        | 17.0A (184us) | 35.0A (220us) |
|   | Inrush Current (Dim)                    |        | 21.3A (206us) | 31.0A (200us) |
|   | Efficacy                                |        | 148 lm/W      | 137 lm/W      |
|   | Emergency Output                        |        | 482 lm (12%)  | 436 lm (6%)   |
|   | Energy Efficiency Class of Light Source |        | C             | C             |

| 4 | Neutral White LED (4000K)               | CRI 80 | 22W           | 46W           |
|---|-----------------------------------------|--------|---------------|---------------|
|   | Lumen Output                            |        | 4232 lm       | 8139 lm       |
|   | LOR                                     |        | 0.86          | 0.86          |
|   | CRI                                     |        | 80            | 80            |
|   | Total Power                             |        | 23.8W         | 48.0W         |
|   | Power Factor                            |        | 0.92          | 0.97          |
|   | Running Current                         |        | 0.11A         | 0.21A         |
|   | Inrush Current (Std)                    |        | 17.0A (184us) | 35.0A (220us) |
|   | Inrush Current (Dim)                    |        | 21.3A (206us) | 31.0A (200us) |
|   | Efficacy                                |        | 153 lm/W      | 146 lm/W      |
|   | Emergency Output                        |        | 497 lm (12%)  | 462 lm (6%)   |
|   | Energy Efficiency Class of Light Source |        | B             | B             |

- Contemporary LED Module with high quality Opal polycarbonate diffuser
- Available in a choice of lumen outputs, up to 8139 lumens
- Efficacies up to 153 lm/W
- Outstanding LOR of 0.86, light distribution for general lighting applications
- Diffuser is TP(b) rated
- Life expectancy in excess of 72,000 hours (L80 B10)
- Colour stability within 3 MacAdams
- 2x 2m Twin suspension wires and chrome clutches for ease of adjustment
- Wireless Lighting Control available

## Linear Light<sup>4</sup> Opal

### Link & Solo Modules

| LED | 22W | 46W | LED | 1250mm | 050 | LED | 22 | 46 | + | 383 | 384 |
|-----|-----|-----|-----|--------|-----|-----|----|----|---|-----|-----|
|     |     |     |     |        |     |     |    |    |   |     |     |

|      |      |    |    |                |                |        |
|------|------|----|----|----------------|----------------|--------|
| 230V | 50Hz | IP | 20 | LA, LB, LD, LE | LC, LG, LF, LH | 8.9 kg |
|------|------|----|----|----------------|----------------|--------|

|    |                |    |                              |
|----|----------------|----|------------------------------|
| LA | Link Suspended | LB | Link + Light Spill Suspended |
| LC | Link Surface   | LG | Link + Light Spill Surface   |
| LD | Solo Suspended | LE | Solo + Light Spill Suspended |
| LF | Solo Surface   | LH | Solo + Light Spill Surface   |

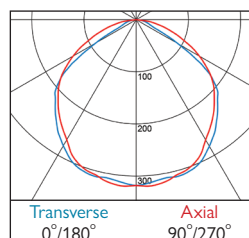
### Gear types F & G must be operated through a DSI

|   |                            |
|---|----------------------------|
| A | Integral Driver/Remote     |
| 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  |
| L | DALI Bluetooth             |
| M | DALI Bluetooth + Emergency |

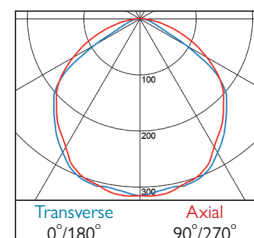
3 Warm (3000K) 4 Neutral (4000K)

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

144 2x 5m Twin Suspensions (wires only)



383 DLOR: 0.86



384 DLOR: 0.85 ULOR: 0.01

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\* All values provided in this document are subject to International standards and electronic components from leading suppliers which are subject to +/- 10% tolerance and apply at an ambient temperature of 25°C. Hacel Lighting look to constantly improve it's product and reserve the right to change specifications without prior notification.

**Hacel**<sup>®</sup>  
Fluent in Lighting