



# Recessed/Surface/Suspended

## Leat Low Glare

### K5SKà

Leat Low Glare continuous is simple to install; a coupled connector aligns sections accurately and consistently to create a precision installation. With the flexibility to have installations with incremental lengths of 1.124 metres, the Leat Low Glare gives uniform lighting realization for many applications.

1. Insert coupled connector plates



2. Join sections together and secure coupled connector plates



3. Insert integrated gear trays and connect electrically



4. Install diffuser and Im

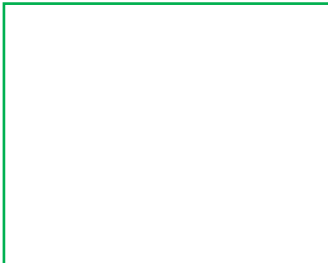


5. Complete installation

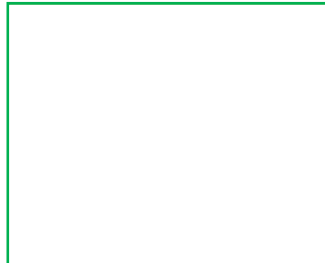


### UKàKà

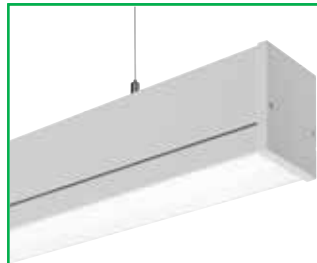
Recessed



Surface



Suspended



Suspended kit



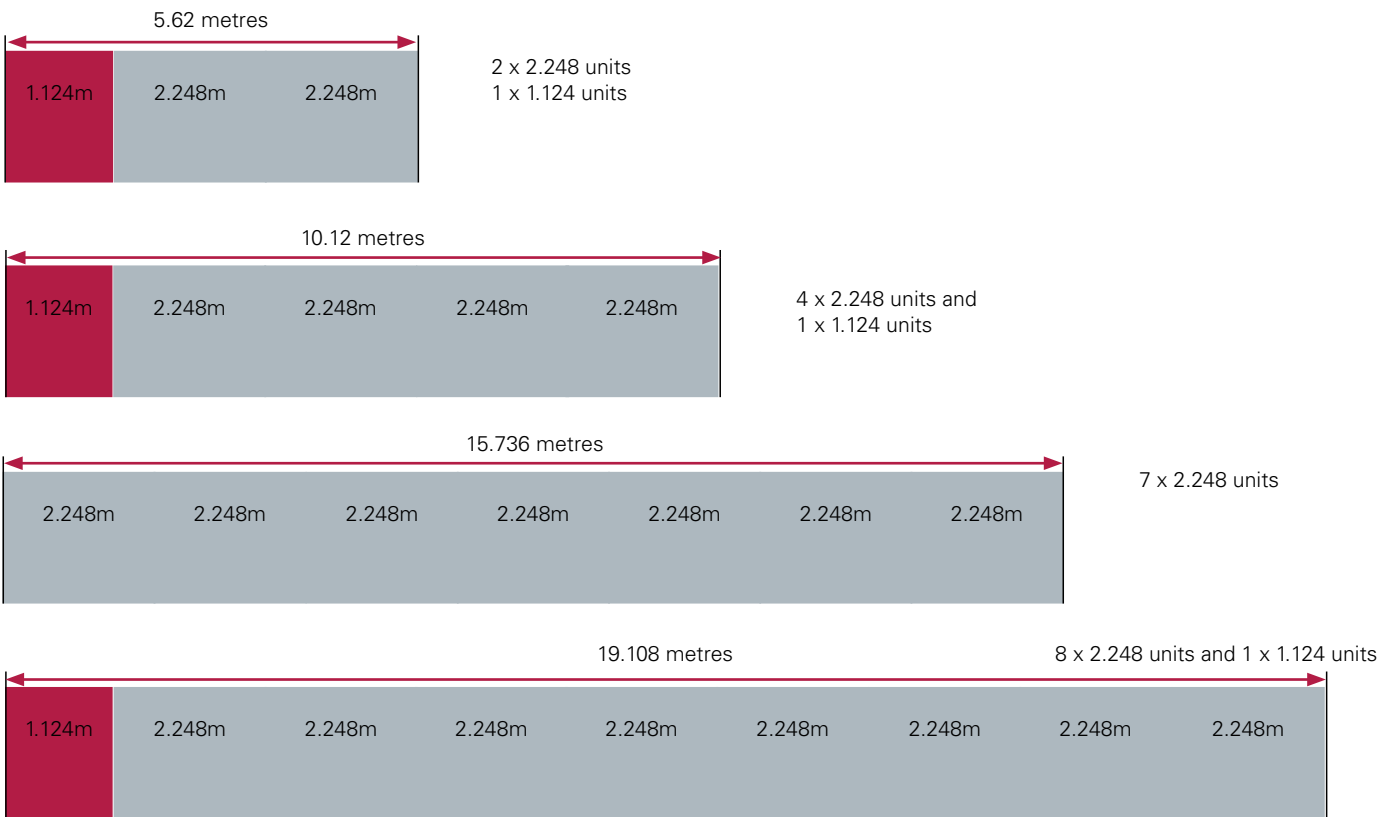
# Recessed/Surface/Suspended

## Leat Low Glare

### Design freedom

- Leat Low Glare is available in a choice of three lumen outputs per unit length, allowing for the most energy efficient choices to be made within the design process. All Leat Low Glare models are also available with DALI control gear to offer ultimate light volume and effect in the control of the space.
- The three output settings are designed to allow multiple length selections to be made on one or series of configurations. Each maintain the same lumen output per metre, giving a uniform effect and appearance across the array.

### Continuous runs - possible mix of lengths



**Maximum continuous run 19.108m**

### Performance

|               | Catalogue Number | Length | Lumen output (lm) | Wattage (w) | Efficacy (Llm/cW) | UGR <19 |
|---------------|------------------|--------|-------------------|-------------|-------------------|---------|
| Low output    | LLGC10144KZ      | 1.124m | 1435              | 14          | 101               | Yes     |
|               | LLGC20284KZ      | 2.248m | 2793              | 24          | 115               | Yes     |
| Medium output | LLGC10254KZ      | 1.124m | 2609              | 25          | 104               | No      |
|               | LLGC20504KZ      | 2.248m | 5315              | 49          | 109               | No      |
| High output   | LLGC10324KZ      | 1.124m | 3386              | 34          | 100               | No      |
|               | LLGC20644KZ      | 2.248m | 6763              | 65          | 104               | No      |

Emergency variants are only available in 1.124m lengths

Note: Continuous runs should not mix outputs as this may lead to a variance in perceived luminance between sections.

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## Leat Low Glare

### Light Engine and Control Gear Options

- High output, high efficacy LED chip set optimised for recessed panel options
- Close pitched PCB ensures homogenous continuous effect
- Energy efficient fixed output control gear as standard
- Dimming option - DALI

### Materials

- Body – Aluminium extrusion coated in RAL9016 - 60% gloss finish
- Diffuser optic - Polycarbonate UV stable Opaline high transmission flexible diffuser
- Internal reflector – Steel construction, powder coated in RAL9016 white finish its provide a simple solution. Available in up to 2.248 metre lengths, it can provide a seamless finish.
- Solid ceilings and plasterboard finishes are accommodated with dedicated fixing brackets.

### Installation Notes

- Ideal for recessed, surface and suspended applications
- Appropriate for Plasterboard and solid ceilings using the accessories
- Can be installed in pendant applications using the suspension accessories
- Emergency variants are fused as standard

### Options

- Fully integral LED emergency conversion, 3 hour duration

### Specification

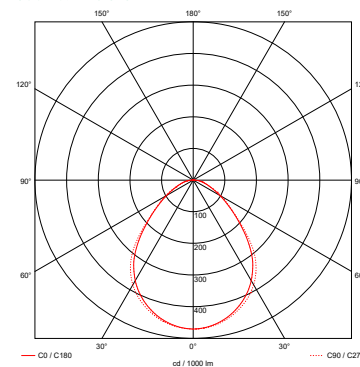
To specify state: Modular back-lit LED luminaire, of aluminium extrusion construction with post coat powder paint, RAL9016 finish, for lay-in installations, solid ceilings and other applications with Opaline Polycarbonate high transmission diffuser and high efficiency LED modules. LED emergency option via integral conversion.

### Technical Data

|                                       |                         |
|---------------------------------------|-------------------------|
| IP rating                             | IP20                    |
| IK rating                             | IK03                    |
| CRI                                   | >80CRI                  |
| Colour temperature                    | 4000K                   |
| Dimming                               | DALI Dimming            |
| Life time data                        | >60,000 hours @ L80 B50 |
| Power factor                          | > .95                   |
| MacAdam                               | 3 SCDM                  |
| Operating temperature                 | 25°C                    |
| BS EN 60598-2-22 - Emergency variants | ENEC Cert               |
| Inrush current and duration           | 45A 100µsec             |

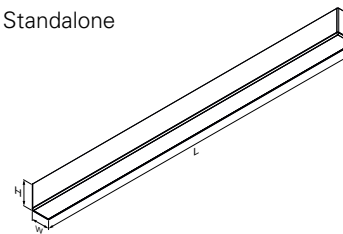
### Photometric Data

Cat no: LLGC10144KZ



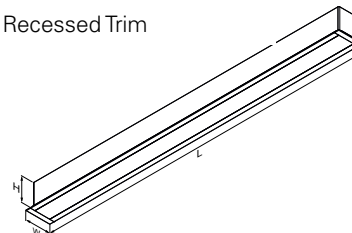
### Dimensions

Standalone



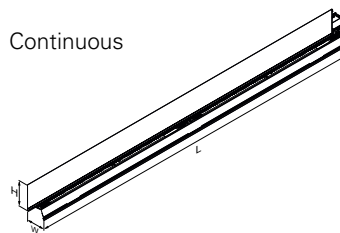
| L (m)             | H (mm) | W (mm) |
|-------------------|--------|--------|
| <b>Standalone</b> |        |        |
| 1.141             | 100.5  | 84     |
| 2.265             | 100.5  | 84     |

Recessed Trim



|                      |       |     |
|----------------------|-------|-----|
| <b>Recessed Trim</b> |       |     |
| 1.124                | 100.5 | 114 |
| 2.248                | 100.5 | 114 |

Continuous



|                   |       |    |
|-------------------|-------|----|
| <b>Continuous</b> |       |    |
| 1.124             | 100.5 | 84 |
| 2.248             | 100.5 | 84 |

Note: Continuous length: maximum of 19.108 metres

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## Leat Low Glare

### Product Number

| Part No     | Description  | Lumen Output (Lm) | System Power (W) | Efficacy (Lm/cW) |
|-------------|--|-------------------|------------------|------------------|
| LLGS10144KZ | Leat Low Glare Stand Alone 1.12m<br>1400, 4000K, Low output    | 1435              | 14               | 101              |
| LLGS10254KZ | Leat Low Glare Stand Alone 1.12m<br>2500, 4000K, Medium output | 2609              | 25               | 104              |
| LLGS10324KZ | Leat Low Glare Stand Alone 1.12m<br>3200, 4000K, High output   | 3386              | 34               | 100              |
| LLGS20284KZ | Leat Low Glare Stand Alone 2.24m<br>2800, 4000k, Low Output    | 2793              | 24               | 115              |
| LLGS20504KZ | Leat Low Glare Stand Alone 2.24m<br>5000, 4000k, Medium Output | 5315              | 49               | 109              |
| LLGS20644KZ | Leat Low Glare Stand Alone 2.24m<br>6400, 4000k, High Output   | 6763              | 65               | 104              |
| LLGC10144KZ | Leat Low Glare Continuous 1.12m<br>1400, 4000K, Low output     | 1435              | 14               | 101              |
| LLGC10254KZ | Leat Low Glare Continuous 1.12m<br>2500, 4000K, Medium output  | 2609              | 25               | 104              |
| LLGC10324KZ | Leat Low Glare Continuous 1.12m<br>3200, 4000K, High output    | 3386              | 34               | 100              |
| LLGC20284KZ | Leat Low Glare Continuous 2.24m<br>2800, 4000K, Low Output     | 2793              | 24               | 115              |
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### Accessories

| Description                              | Cat No    |
|--|-----------|
| Leat End Caps - set of 2                 | LLGEC     |
| Leat Suspension 1.5m - set of 2          | LEA15SU   |
| Leat Suspension 5m - set of 2            | LEA50SU   |
| Leat Mounting Clips - set of 2           | LEAMC     |
| Leat Recessed Mounting Bracket 1.124m    | LLG11RMBK |
| Leat Recessed Mounting Bracket 2.248m    | LLG22RMBK |
| Leat Recessed Frame Side Rail Kit 1.12m  | LLG11     |
| Leat Recessed Frame Side Rail Kit 2.248m | LLG22     |
| Leat Recessed Endcap Kit                 | LLGETK    |
| Leat 2.250m Diffuser c/w Film            | LLGDF2    |
| Leat 20m Diffuser c/w Film               | LLGDF20   |