

# Groove Light

## Specification sheet

# KKDC



24V DC

7.7  
W/m

2.34  
W/ft

≤ 5  
lm/W

IP40/65



RoHS  
Compliant



LM79  
Tested

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Dimension</b>      | H25/W6/L100-1000mm (H0.98/W0.24/L3.94-39.37in)                                                                         |
| <b>PCB increment</b>  | 100mm increment/1000mm max (3.94in increment/39.37in max)                                                              |
| <b>Chip</b>           | <b>s-line</b> Toyoda Gosei                                                                                             |
| <b>Beam angle</b>     | 110° (Diffused Cover)                                                                                                  |
| <b>Colours</b>        | <b>s-line</b> 2700K/3000K/4000K                                                                                        |
| <b>Bin/Step</b>       | <b>s-line</b> 3 Step MacAdam ellipse                                                                                   |
| <b>CRI</b>            | ≥ 90                                                                                                                   |
| <b>Lifetime</b>       | 30,000 hours @ 25°C (30,000 hours @ 77°F)                                                                              |
| <b>Operating temp</b> | T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 60°C)<br>T <sub>a</sub> = -13 to 122°F (T <sub>c</sub> max = 140°F) |
| <b>IP rating</b>      | IP40/IP65                                                                                                              |
| <b>Finish</b>         | Silver anodised                                                                                                        |
| <b>Cover/lens</b>     | Diffused                                                                                                               |
| <b>Mounting</b>       | Recessed mounting via clips or channel (no flange)                                                                     |
| <b>Connection</b>     | Hardwire tails                                                                                                         |
| <b>Control</b>        | 0-10V/1-10V/DMX/DALI                                                                                                   |



### LED Grading Key

#### Exclusive Grade

**s-line\***  
3-step CCT range

\*KKDC tuned  
CCT range

### PERFORMANCE DATA @ 3000K

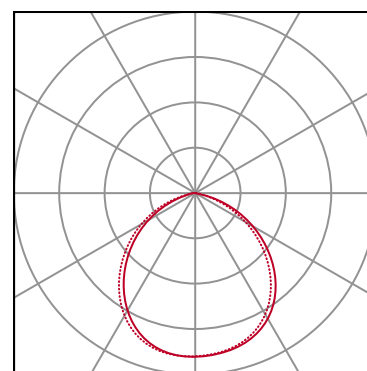
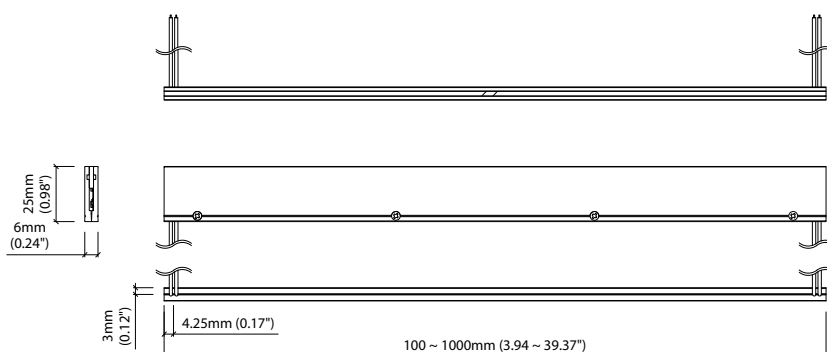
| Power consumption  | Supply voltage | Supply current     |
|--------------------|----------------|--------------------|
| 7.7 W/m (2.34W/ft) | 24V DC         | 0.31A/m (0.95A/ft) |

### Colour Rendering Index (CRI)

|               | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 |
|---------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|
| <b>s-line</b> | 96 | 96 | 97 | 96 | 97 | 91 | 92 | 88 | 74 | 96  | 90  | 82  | 95  | 97  |

### Diffused Cover

|               |                           | CRI | R9 | Rf | Rg |
|---------------|---------------------------|-----|----|----|----|
| <b>s-line</b> | 40lm/m (12lm/ft)<br>5lm/W | 94  | 74 | -  | -  |



— C0 / C180      cd / 1000 lm      ..... C90 / C270

Data derived from independent UKAS / IESNA LM-79-08 accredited testing of production samples.

See KKDC website for product document updates.

[www.kkdc.lighting](http://www.kkdc.lighting)

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