

# DAL-L-LK 101.830.50/DALI



## Description

- light-head rotates through 355° and swivels through 30° by adjusting screw
- individual optics by standard recessed frame or trimless recessed frame and various front reflectors
- outstanding ease of maintenance
- no UV and thermal emissions
- securing with safety rope
- thermal management with passive cooling
- light-head and heat sink made from die-cast
- main reflector made from plastic
- black anti-glare ring made from polycarbonate for accommodating honeycomb louvre
- diffuser glass pane
- light-head snaps into mounting frame without tools
- connection to ballast via luminaire cable with Mini-Clamp connector
- ballast (LED converter DALI, dimmable) included (external placement)

## Standard options



## Special options



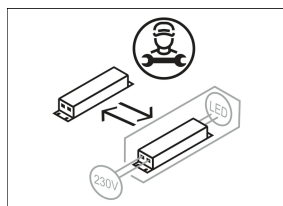
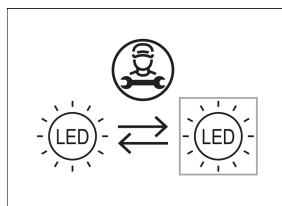
## Lighting data / Norms

|                         |                            |
|-------------------------|----------------------------|
| Lamps                   | LED Spot / CRI 80 / 3000 K |
| EPREL light sources     | 851239                     |
|                         | L90 B50 50.000 h           |
|                         | L80 B50 100.000 h          |
|                         | L80 B20 50.000 h           |
| Lifetime                |                            |
| System power            | 28.0 W                     |
| Luminaire luminous flux | max. 2230 lm               |
| System efficiency       | 57.50 lm/W                 |
| Module efficiency       | 158.91 lm/W                |
| UGR class               | ≤19                        |
| Beam angle              | 50°                        |
| Supply voltage          | 220 - 240 V / 50 - 60 Hz   |
| Protection class        | III                        |
| Type of protection      | IP20                       |

## Dimensions / Weights

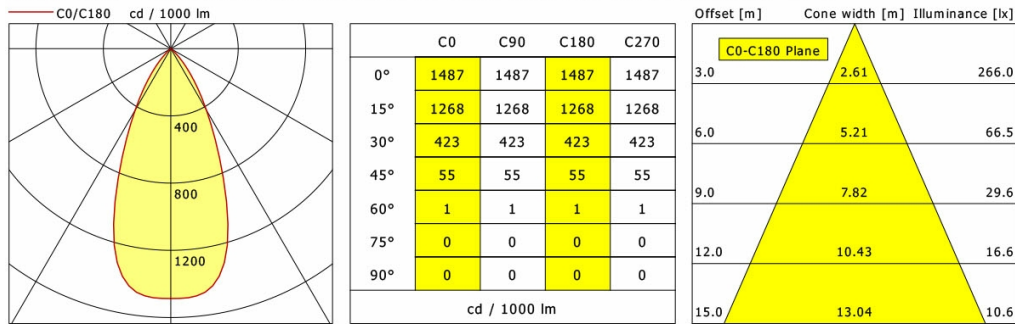
|                        |         |
|------------------------|---------|
| Outer diameter         | 124 mm  |
| Height                 | 149 mm  |
| Recessed depth         | 200 mm  |
| Diameter of light head | 124 mm  |
| Net weight             | 1.31 kg |
| Gross weight           | 1.38 kg |

| Colours | Article no. | EAN           |
|---------|-------------|---------------|
| silver  | 660956      | 4043544697738 |



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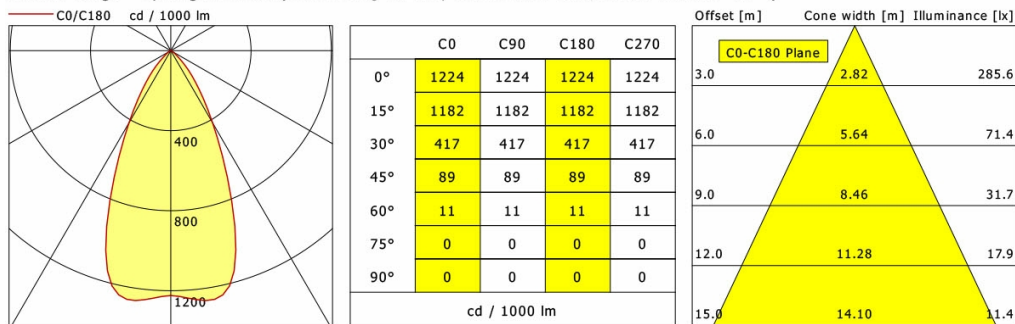
Dallton Large - Spotlight Insert (DAL-L-RTQ 13\_SW-MATT, 1xLED 28W 830/3000K 1610lm 50 °)



|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 58 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 28 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 13.2               |
| UGR C90/C270       | 13.2               |
| CIE Flux Codes     | 96 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

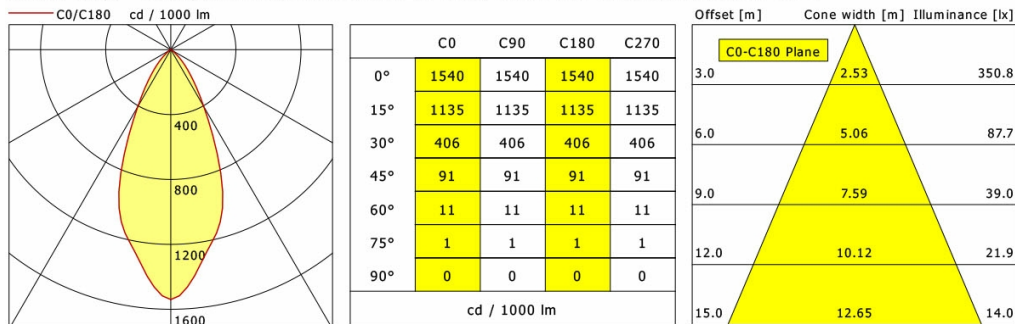
Dallton Large - Spotlight Insert (DAL-L-RTQ 13\_CH, 1xLED 28W 830/3000K 2100lm 50 °)



|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 75 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 28 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 15.4               |
| UGR C90/C270       | 15.4               |
| CIE Flux Codes     | 92 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

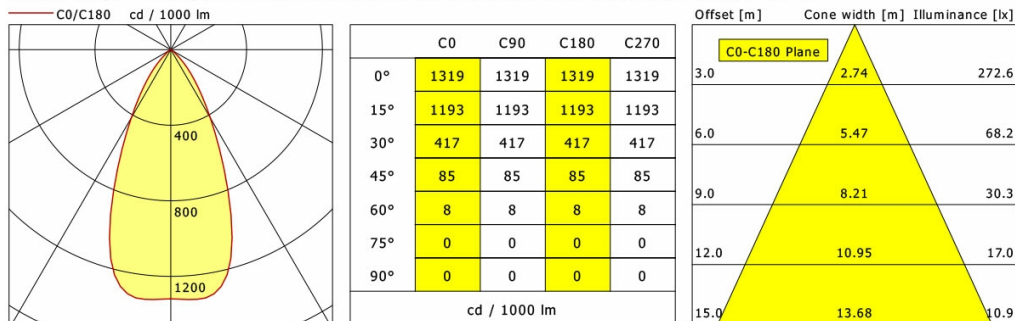
Dallton Large - Spotlight Insert (DAL-L-RTR 23\_SI-MATT, 1xLED 28W 830/3000K 2050lm 50 °)



|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 73 lm/W           |
| Direct/Indirect    | ↓ 100% / ↑ 0%     |
| System Power       | 28 W              |
| <b>UGR</b>         | X=4H, Y=8H        |
| Reflection factors | 70/50/20          |
| UGR C0/C180        | 16.5              |
| UGR C90/C270       | 16.5              |
| CIE Flux Codes     | 92 99 100 100 100 |
| Ra/CRI             | >80               |

LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13\_CH-SW, 1xLED 28W 830/3000K 1860lm 50 °)

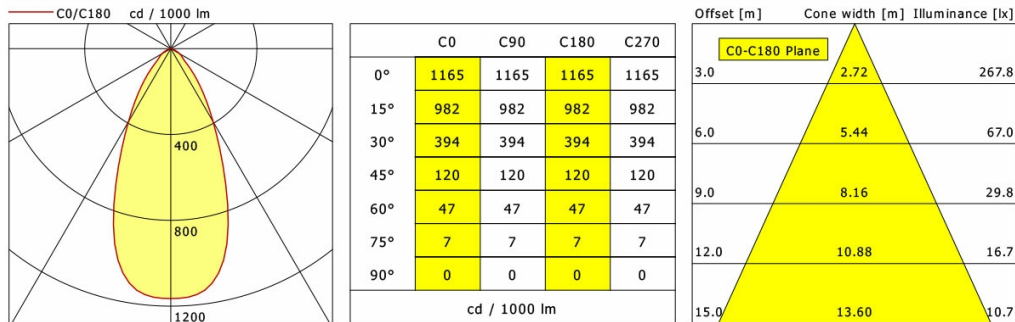


|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 66 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 28 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 14.7               |
| UGR C90/C270       | 14.7               |
| CIE Flux Codes     | 93 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

# DAL-L-LK 101.830.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RTQ 13\_WS-MATT, 1xLED 28W 830/3000K 2070lm 50 °)



|                 |               |
|-----------------|---------------|
| <b>η</b>        | LED           |
| Efficiency      | 74 lm/W       |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power    | 28 W          |

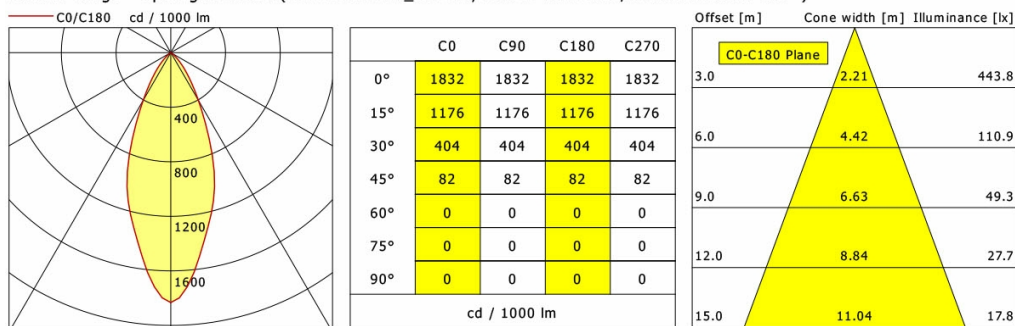
|                    |            |
|--------------------|------------|
| <b>UGR</b>         | X=4H, Y=8H |
| Reflection factors | 70/50/20   |
| UGR C0/C180        | 19.3       |
| UGR C90/C270       | 19.3       |

|                |                   |
|----------------|-------------------|
| CIE Flux Codes | 83 96 100 100 100 |
| Ra/CRI         | >80               |

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23\_CH-SW, 1xLED 28W 830/3000K 2180lm 50 °)



|                 |               |
|-----------------|---------------|
| <b>η</b>        | LED           |
| Efficiency      | 78 lm/W       |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power    | 28 W          |

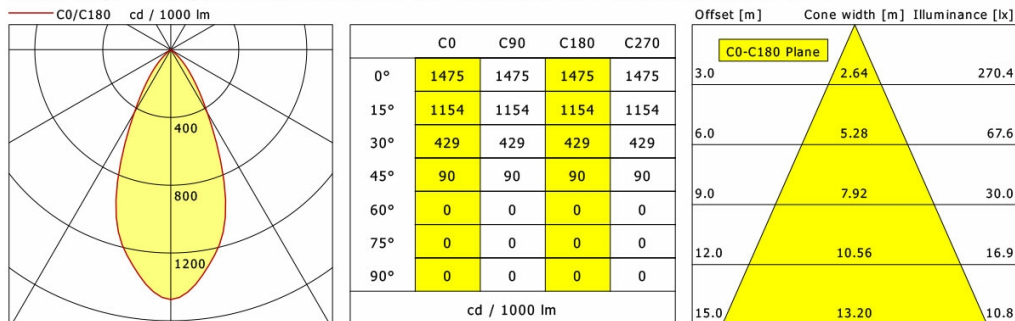
|                    |            |
|--------------------|------------|
| <b>UGR</b>         | X=4H, Y=8H |
| Reflection factors | 70/50/20   |
| UGR C0/C180        | 16.1       |
| UGR C90/C270       | 16.1       |

|                |                    |
|----------------|--------------------|
| CIE Flux Codes | 94 100 100 100 100 |
| Ra/CRI         | >80                |

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23\_SW-MATT, 1xLED 28W 830/3000K 1650lm 50 °)



|                 |               |
|-----------------|---------------|
| <b>η</b>        | LED           |
| Efficiency      | 59 lm/W       |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power    | 28 W          |

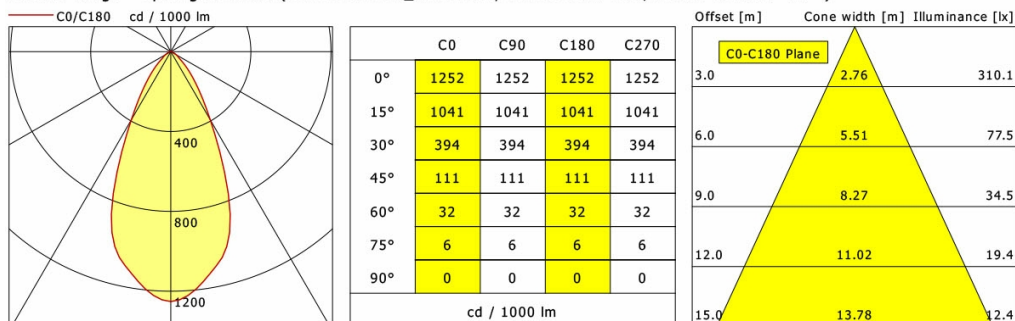
|                    |            |
|--------------------|------------|
| <b>UGR</b>         | X=4H, Y=8H |
| Reflection factors | 70/50/20   |
| UGR C0/C180        | 15.6       |
| UGR C90/C270       | 15.6       |

|                |                    |
|----------------|--------------------|
| CIE Flux Codes | 94 100 100 100 100 |
| Ra/CRI         | >80                |

LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23\_WS-MATT, 1xLED 28W 830/3000K 2230lm 50 °)



|                 |               |
|-----------------|---------------|
| <b>η</b>        | LED           |
| Efficiency      | 80 lm/W       |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power    | 28 W          |

|                    |            |
|--------------------|------------|
| <b>UGR</b>         | X=4H, Y=8H |
| Reflection factors | 70/50/20   |
| UGR C0/C180        | 19.3       |
| UGR C90/C270       | 19.3       |

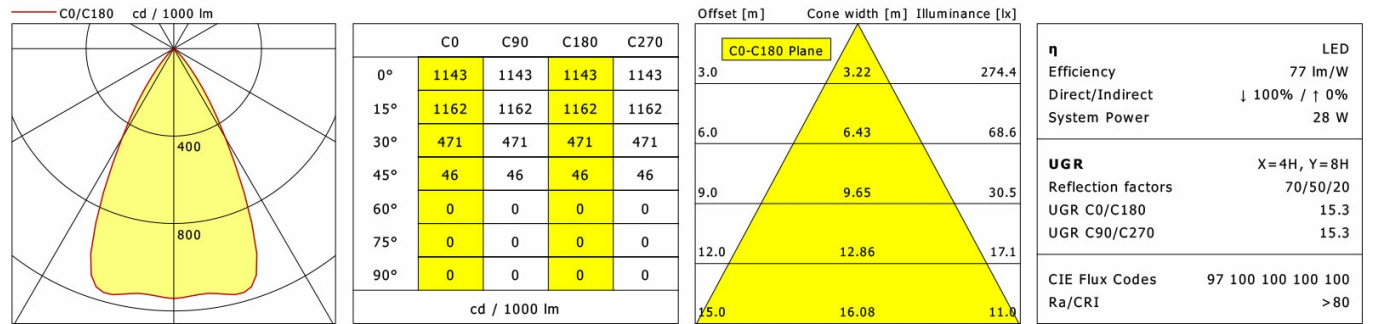
  

|                |                   |
|----------------|-------------------|
| CIE Flux Codes | 86 97 100 100 100 |
| Ra/CRI         | >80               |

LTS

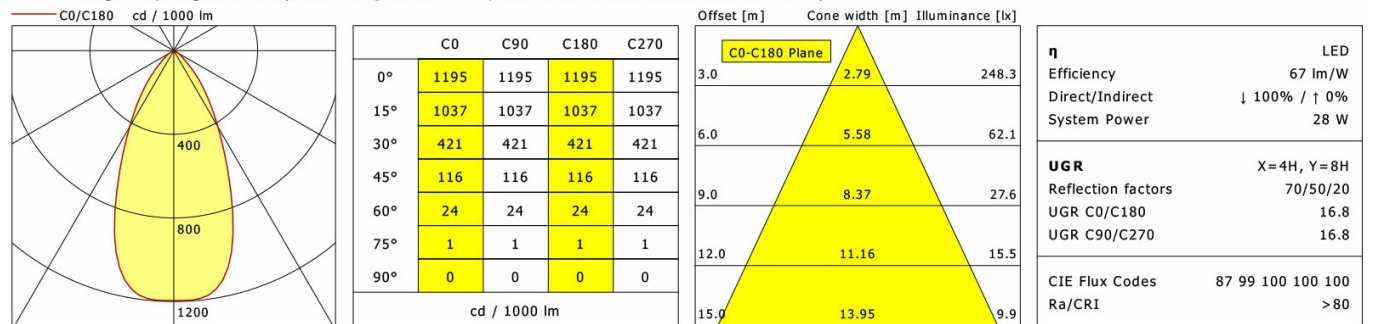
# DAL-L-LK 101.830.50/DALI

Dallton Large - Spotlight Insert (DAL-L-RFR 23, 1xLED 28W 830/3000K 2160lm 50 °)



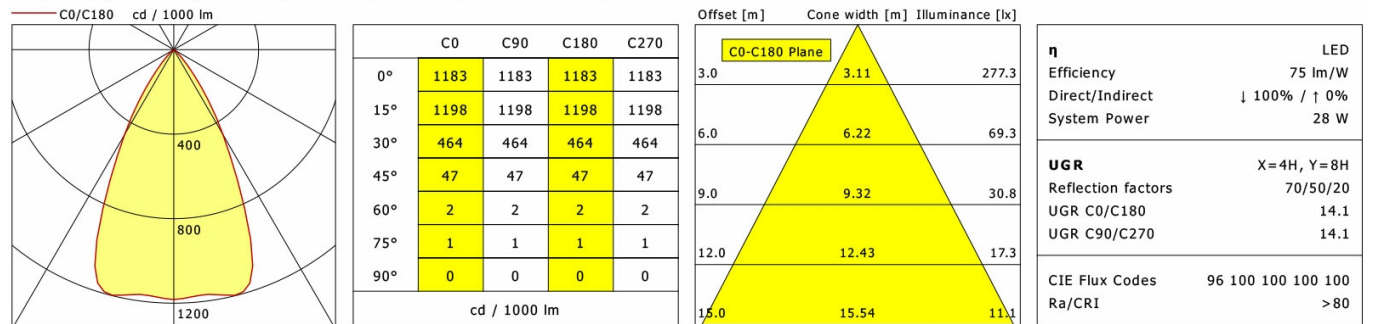
LTS

Dallton Large - Spotlight Insert (DAL-L-RTQ 13\_SI-MATT, 1xLED 28W 830/3000K 1870lm 50 °)



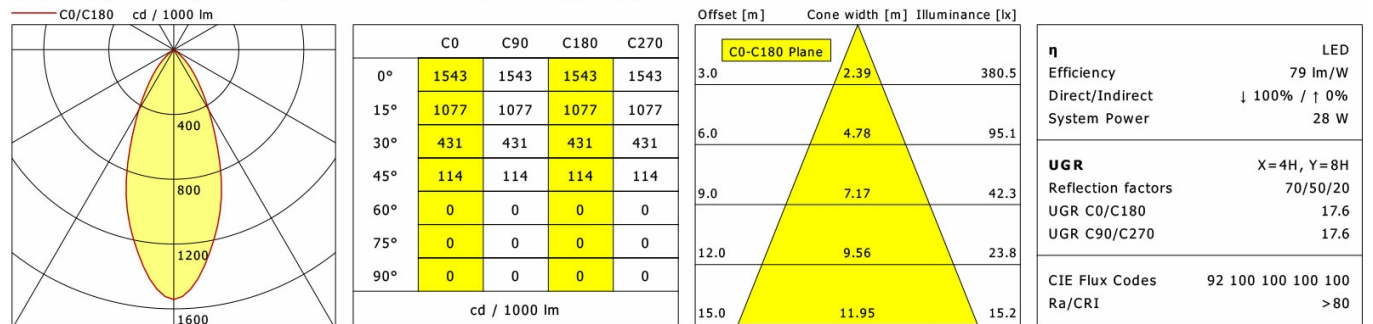
LTS

Dallton Large - Spotlight Insert (DAL-L-RFQ 13, 1xLED 28W 830/3000K 2110lm 50 °)



LTS

Dallton Large - Spotlight Insert (DAL-L-RTR 23\_CH, 1xLED 28W 830/3000K 2220lm 50 °)



LTS

Recessed Spotlights · Dallton Large System



## DAL-L-LK 101.830.50/DALI

### Accessories



**DAL-L-ZBW 13.23**  
honeycomb louvre



**ZB-OR DONGLE**  
Organic Response IR dongle kit



**ZB-OR GATEWAY**  
Organic Response IoT Gateway Cascade Series



**ZB-OR-R SENSOR**  
Organic Response sensor for recessed mounting