

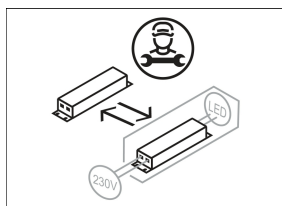
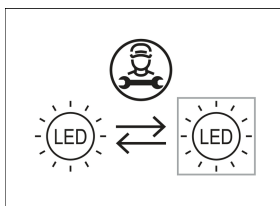
## DAL-S-LK 100.830.50/DALI



## Descrizione

- testa lampada girevole a 355° e direzionabile a 30° tramite vite di regolazione
- aspetto personalizzato grazie alla cornice da incasso standard o alla cornice da incasso trimless a filo nel soffitto e ai vari riflettori anteriori
- elevata facilità di manutenzione
- assenza di radiazioni termiche e UV
- gestione termica con raffreddamento passivo
- testa lampada e termodispersore pressofusi
- riflettore principale in plastica
- anello antiriflesso nero in polycarbonato per l'alloggiamento di frangiluce a nido d'ape
- disco diffusore in vetro
- innesto della testa lampada nella cornice da incasso senza attrezzi
- collegamento all'alimentatore tramite cavo lampada con connettore Mini-Clamp
- alimentatore (convertitore LED DALI, dimmerabile) incluso (posizionamento esterno)

| Colori  | Articolo n. | EAN           |
|---------|-------------|---------------|
| argento | 661028      | 4043544698452 |



## Opzioni standard



## Opzioni speciali



## Dati illuminotecnici / Norme

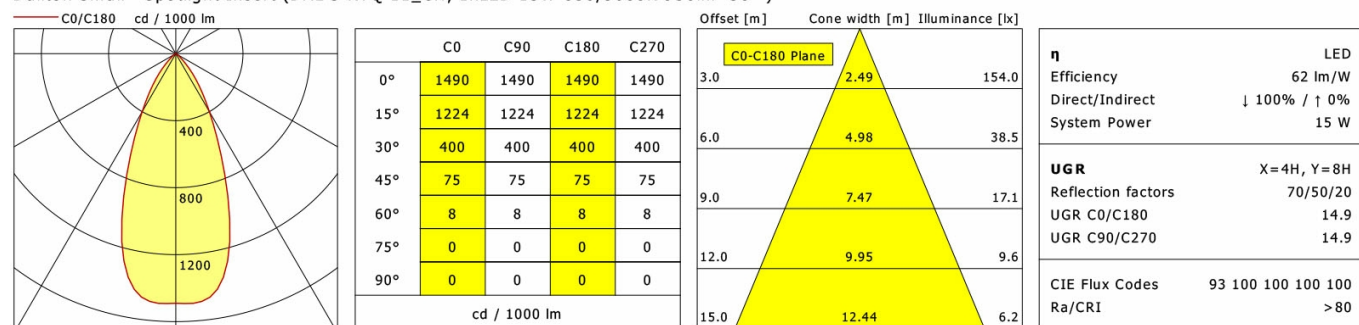
|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Lampade                     | LED Spot / CRI 80 / 3000 K                                |
| EPREL fonti luminose        | 992480                                                    |
| Durata                      | L90 B50 50.000 h<br>L80 B50 100.000 h<br>L80 B20 50.000 h |
| Prestazioni sistema         | 15.0 W                                                    |
| Flusso luminoso apparecchio | max. 1000 lm                                              |
| Efficienza sistema          | 62.00 lm/W                                                |
| Efficienza del modulo       | 157.83 lm/W                                               |
| UGR classe                  | ≤19                                                       |
| Angolo del fascio luminoso  | 50°                                                       |
| Tensione di alimentazione   | 220 - 240 V / 50 - 60 Hz                                  |
| Classe di protezione        | III                                                       |
| Tipo di protezione          | IP20                                                      |

## Dimensioni / pesi

|                        |         |
|------------------------|---------|
| Diametro esterno       | 82 mm   |
| Altezza                | 103 mm  |
| Profondità di incasso  | 135 mm  |
| Diametro testa lampada | 82 mm   |
| Peso netto             | 0.67 kg |
| Peso lordo             | 0.71 kg |

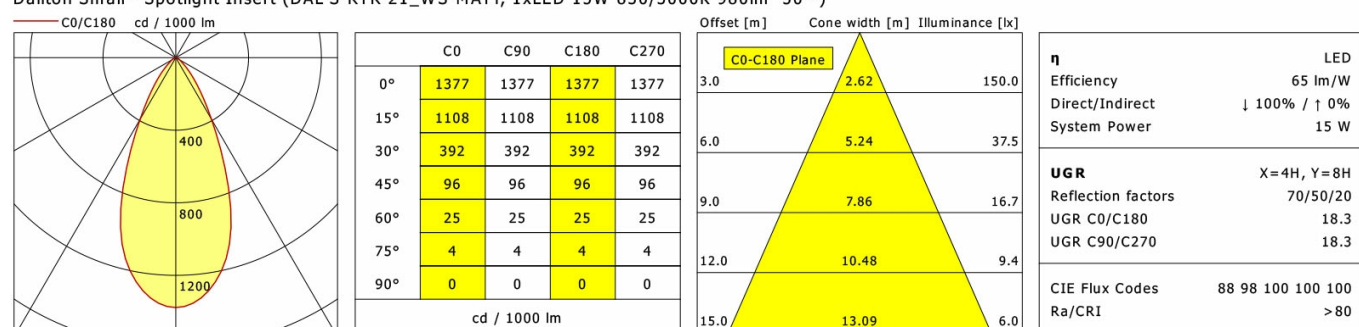
# DAL-S-LK 100.830.50/DALI

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_CH, 1xLED 15W 830/3000K 930lm 50 °)



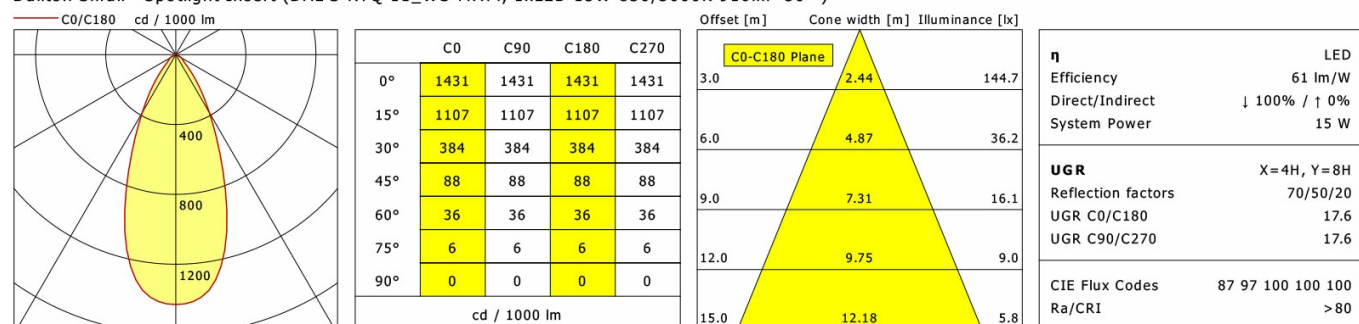
LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_WS-MATT, 1xLED 15W 830/3000K 980lm 50 °)



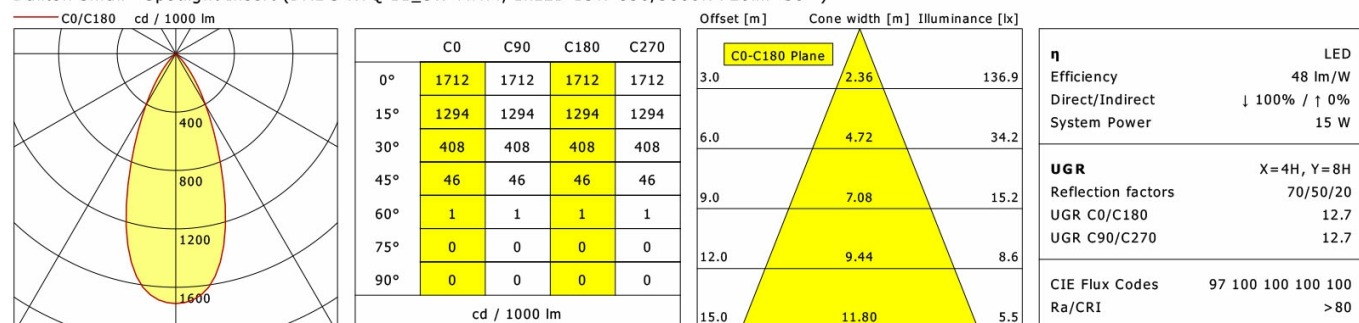
LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_WS-MATT, 1xLED 15W 830/3000K 910lm 50 °)



LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_SW-MATT, 1xLED 15W 830/3000K 720lm 50 °)

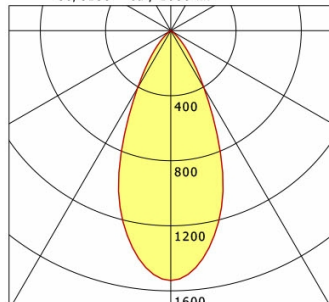


LTS

# DAL-S-LK 100.830.50/DALI

Dallton Small - Spotlight Insert (DAL-S-RT21\_SI-MATT, 1xLED 15W 830/3000K 940lm 50 °)

C0/C180 cd / 1000 lm



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1537 | 1537 | 1537 | 1537 |
| 15° | 1172 | 1172 | 1172 | 1172 |
| 30° | 407  | 407  | 407  | 407  |
| 45° | 83   | 83   | 83   | 83   |
| 60° | 6    | 6    | 6    | 6    |
| 75° | 0    | 0    | 0    | 0    |
| 90° | 0    | 0    | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

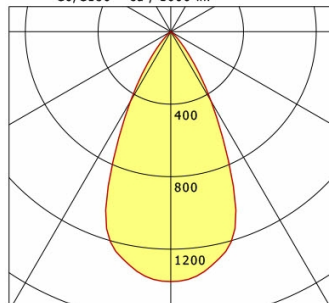
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.52           | 160.5            |
| 6.0        | 5.04           | 40.1             |
| 9.0        | 7.57           | 17.8             |
| 12.0       | 10.09          | 10.0             |
| 15.0       | 12.61          | 6.4              |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 63 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 15 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 16.3               |
| UGR C90/C270       | 16.3               |
| CIE Flux Codes     | 93 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Dallton Small - Spotlight Insert (DAL-S-RFQ 11, 1xLED 15W 830/3000K 980lm 50 °)

C0/C180 cd / 1000 lm



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1379 | 1379 | 1379 | 1379 |
| 15° | 1230 | 1230 | 1230 | 1230 |
| 30° | 444  | 444  | 444  | 444  |
| 45° | 46   | 46   | 46   | 46   |
| 60° | 2    | 2    | 2    | 2    |
| 75° | 0    | 0    | 0    | 0    |
| 90° | 0    | 0    | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

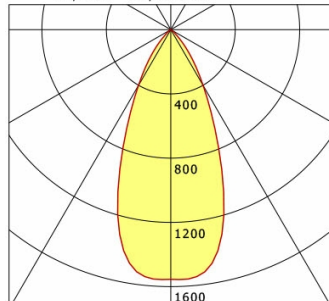
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.85           | 150.1            |
| 6.0        | 5.70           | 37.5             |
| 9.0        | 8.56           | 16.7             |
| 12.0       | 11.41          | 9.4              |
| 15.0       | 14.26          | 6.0              |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 65 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 15 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 14.0               |
| UGR C90/C270       | 14.0               |
| CIE Flux Codes     | 97 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_CH-SW, 1xLED 15W 830/3000K 870lm 50 °)

C0/C180 cd / 1000 lm



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1554 | 1554 | 1554 | 1554 |
| 15° | 1257 | 1257 | 1257 | 1257 |
| 30° | 402  | 402  | 402  | 402  |
| 45° | 63   | 63   | 63   | 63   |
| 60° | 5    | 5    | 5    | 5    |
| 75° | 0    | 0    | 0    | 0    |
| 90° | 0    | 0    | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

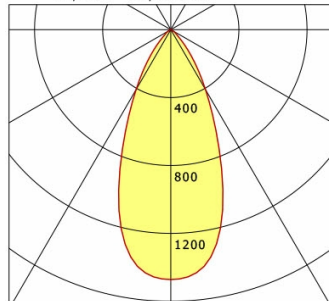
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.45           | 150.3            |
| 6.0        | 4.91           | 37.6             |
| 9.0        | 7.36           | 16.7             |
| 12.0       | 9.81           | 9.4              |
| 15.0       | 12.26          | 6.0              |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 58 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 15 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 14.1               |
| UGR C90/C270       | 14.1               |
| CIE Flux Codes     | 95 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Dallton Small - Spotlight Insert (DAL-S-RTQ 11\_SI-MATT, 1xLED 15W 830/3000K 900lm 50 °)

C0/C180 cd / 1000 lm



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1472 | 1472 | 1472 | 1472 |
| 15° | 1157 | 1157 | 1157 | 1157 |
| 30° | 407  | 407  | 407  | 407  |
| 45° | 82   | 82   | 82   | 82   |
| 60° | 17   | 17   | 17   | 17   |
| 75° | 1    | 1    | 1    | 1    |
| 90° | 0    | 0    | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

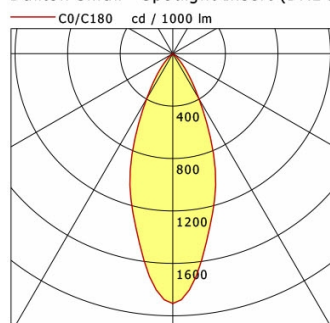
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.47           | 147.2            |
| 6.0        | 4.95           | 36.8             |
| 9.0        | 7.42           | 16.4             |
| 12.0       | 9.90           | 9.2              |
| 15.0       | 12.37          | 5.9              |

|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 60 lm/W           |
| Direct/Indirect    | ↓ 100% / ↑ 0%     |
| System Power       | 15 W              |
| <b>UGR</b>         | X=4H, Y=8H        |
| Reflection factors | 70/50/20          |
| UGR C0/C180        | 15.5              |
| UGR C90/C270       | 15.5              |
| CIE Flux Codes     | 91 99 100 100 100 |
| Ra/CRI             | >80               |

LTS

# DAL-S-LK 100.830.50/DALI

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_CH-SW, 1xLED 15W 830/3000K 930lm 50 °)



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1907 | 1907 | 1907 | 1907 |
| 15° | 1203 | 1203 | 1203 | 1203 |
| 30° | 398  | 398  | 398  | 398  |
| 45° | 68   | 68   | 68   | 68   |
| 60° | 0    | 0    | 0    | 0    |
| 75° | 0    | 0    | 0    | 0    |
| 90° | 0    | 0    | 0    | 0    |

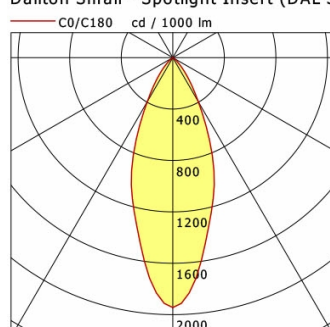
cd / 1000 lm

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.17           | 197.0            |
| 6.0        | 4.34           | 49.3             |
| 9.0        | 6.51           | 21.9             |
| 12.0       | 8.68           | 12.3             |
| 15.0       | 10.85          | 7.9              |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 62 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 15 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     | 95 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_CH, 1xLED 15W 830/3000K 960lm 50 °)



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1945 | 1945 | 1945 | 1945 |
| 15° | 1187 | 1187 | 1187 | 1187 |
| 30° | 397  | 397  | 397  | 397  |
| 45° | 71   | 71   | 71   | 71   |
| 60° | 0    | 0    | 0    | 0    |
| 75° | 0    | 0    | 0    | 0    |
| 90° | 0    | 0    | 0    | 0    |

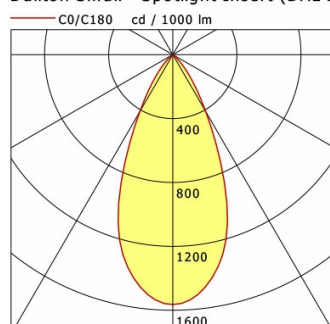
cd / 1000 lm

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.10           | 207.4            |
| 6.0        | 4.20           | 51.9             |
| 9.0        | 6.30           | 23.0             |
| 12.0       | 8.40           | 13.0             |
| 15.0       | 10.49          | 8.3              |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 64 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 15 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     | 95 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Dallton Small - Spotlight Insert (DAL-S-RTR 21\_SW-MATT, 1xLED 15W 830/3000K 810lm 50 °)



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1564 | 1564 | 1564 | 1564 |
| 15° | 1249 | 1249 | 1249 | 1249 |
| 30° | 410  | 410  | 410  | 410  |
| 45° | 63   | 63   | 63   | 63   |
| 60° | 0    | 0    | 0    | 0    |
| 75° | 0    | 0    | 0    | 0    |
| 90° | 0    | 0    | 0    | 0    |

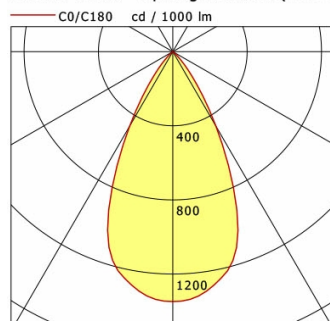
cd / 1000 lm

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.57           | 140.8            |
| 6.0        | 5.15           | 35.2             |
| 9.0        | 7.72           | 15.6             |
| 12.0       | 10.29          | 8.8              |
| 15.0       | 12.86          | 5.6              |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 54 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 15 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 14.9               |
| UGR C90/C270       | 14.9               |
| CIE Flux Codes     | 96 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Dallton Small - Spotlight Insert (DAL-S-RFR 21, 1xLED 15W 830/3000K 1000lm 50 °)



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1348 | 1348 | 1348 | 1348 |
| 15° | 1198 | 1198 | 1198 | 1198 |
| 30° | 464  | 464  | 464  | 464  |
| 45° | 49   | 49   | 49   | 49   |
| 60° | 0    | 0    | 0    | 0    |
| 75° | 0    | 0    | 0    | 0    |
| 90° | 0    | 0    | 0    | 0    |

cd / 1000 lm

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 2.95           | 149.8            |
| 6.0        | 5.90           | 37.5             |
| 9.0        | 8.85           | 16.6             |
| 12.0       | 11.79          | 9.4              |
| 15.0       | 14.74          | 6.0              |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 67 lm/W            |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 15 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     | 97 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Faretti da incasso · Dallton Small System



# DAL-S-LK 100.830.50/DALI

## Accessori



**DAL-S-ZBW 11.21**  
Frangiluce a nido d'ape



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



**ZB-OR GATEWAY**  
Organic Response serie a cascata gateway IoT



**ZB-OR-R SENSOR**  
sensore Organic Response per montaggio a incasso