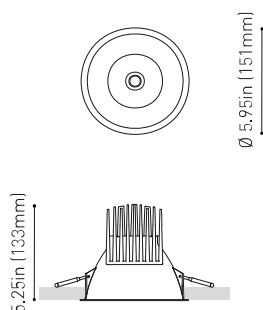




## DIMENSIONS



## Accessories



## Awards



## PRODUCT

|           |                  |
|-----------|------------------|
| Name      | LEX UL 3500K WN  |
| Reference | U0700103WN       |
| Color     | White-Black      |
| RAL       | 9016 & 9005      |
| Category  | CEILING RECESSED |

## MOUNTING ACCESSORY / DRIVER

|                             |                                        |
|-----------------------------|----------------------------------------|
| Mounting Accessory / Driver | Mandatory, not included. See next page |
| Model                       | REMOTE BOX 3.5-12.3W 220mA             |
| Reference                   | U1000113                               |

## LIGHT SOURCE

|                       |                |
|-----------------------|----------------|
| Type                  | LED            |
| Gross luminous flux   | 1000 Lm        |
| Color temperature     | 3500 K         |
| Chromatic stability   | MacAdam Step 2 |
| Color Rendering Index | CRI>90         |
| Power                 | 7.1 W          |
| Current               | 220 mA         |
| Efficacy              | 141 Lm/W       |
| LED lifespan          | L90B10>55.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                         |        |
|-------------------------|--------|
| Lighting efficiency     | 60%    |
| Delivered luminous flux | 600 Lm |
| Light beam angle        | 71°    |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                            |           |
|----------------------------|-----------|
| Power values of the system | 10 W      |
| Voltage                    | 120-277 V |
| Frequency                  | 50/60 Hz  |
| Dimming                    | 0-10V     |

## OTHER DATA

|                        |      |
|------------------------|------|
| IC Rated               | Yes  |
| Environmental location | DAMP |

As the location of its LED is set back, Lex achieves great visual comfort. Its matte finish shade fosters this aspect and offers elegant aesthetics.

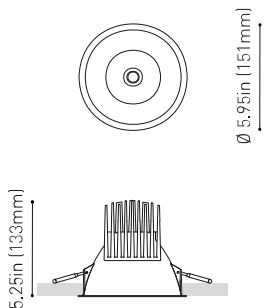


|                      |                                    |
|----------------------|------------------------------------|
| Recess measurements  | Ø5.50 in   Ø140 mm                 |
| Weight               | 1.15 lb   520 gr                   |
| Packaged weight      | 1.65 lb   750 gr                   |
| Packaging dimensions | 9.45x8.35x6.42 in   240x212x163 mm |
| Materials            | Aluminium / Polycarbonate          |

OTHER DATA



DIMENSIONS



Accessories



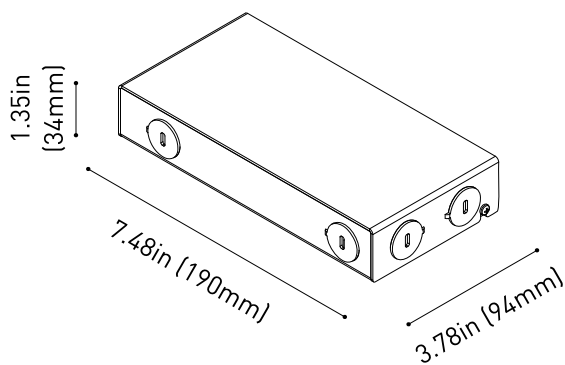
OPTIONAL MOUNTING  
ACCESSORY

Awards



As the location of its LED is set back, Lex achieves great visual comfort. Its matte finish shade fosters this aspect and offers elegant aesthetics.

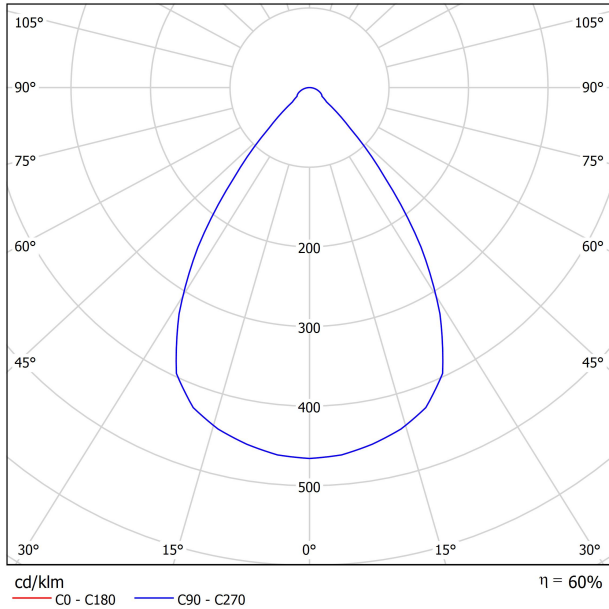
Mandatory / Not Included



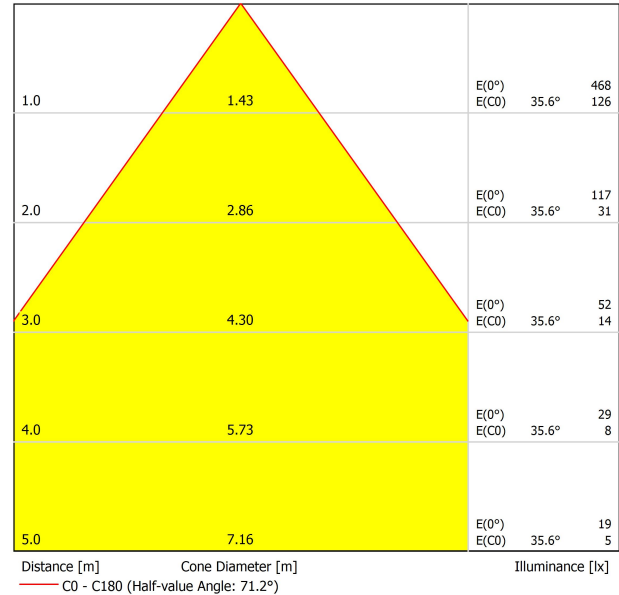
| PRODUCT                |                                             |
|------------------------|---------------------------------------------|
| Model                  | REMOTE BOX 3.5-12.3W 220mA                  |
| Driver                 | Included                                    |
| Reference              | U1000113                                    |
| IC Rated               | Yes                                         |
| Dimming                | 0-10V                                       |
| Size                   | 7.48 x 3.78 x 1.35 in   190 x 94 x 34 mm    |
| Weight                 | 1.89 lb   860 gr                            |
| Packaged weight        | 2.01 lb   915 gr                            |
| Packaging dimensions   | 9.53 x 4.13 x 1.54 in   242 x 105 x 39 mm   |
| Nº Luminaires          | 1                                           |
| LED - Driver Distance  | 18 AWG - 447 ft (350 mA) / 224 ft (700 mA)  |
|                        | 16 AWG - 711 ft (350 mA) / 356 ft (700 mA)  |
|                        | 14 AWG - 1132 ft (350 mA) / 566 ft (700 mA) |
| INPUT CHARACTERISTICS  |                                             |
| Input Voltage          | 120-277 V                                   |
| Frequency              | 50/60 Hz                                    |
| OUTPUT CHARACTERISTICS |                                             |
| Output Voltage         | 16 - 56 V                                   |
| Output Current         | 220 mA                                      |
| Output Power           | 3.5 - 12.3 W                                |



POLAR DIAGRAM



CONICAL DIAGRAM



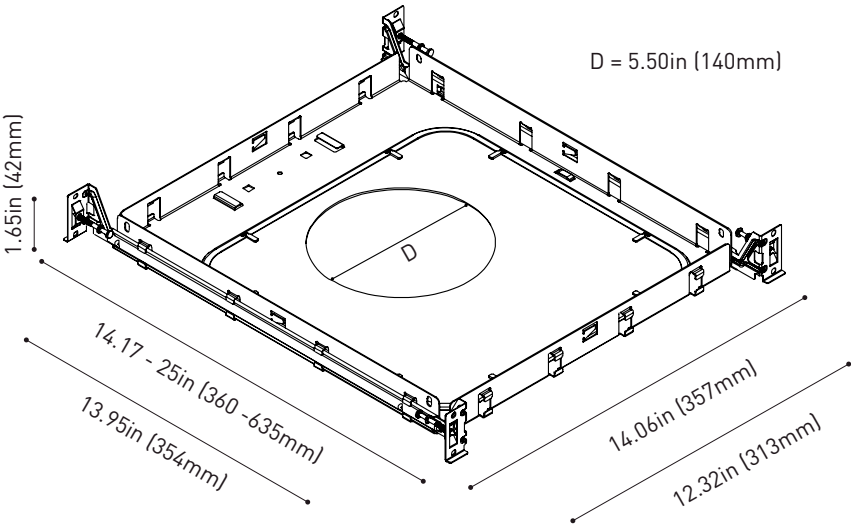
UGR

| Glare Evaluation According to UGR                                |     |                                                   |      |      |      |      |                                            |      |      |      |      |
|------------------------------------------------------------------|-----|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|
| $\rho$ Ceiling                                                   |     | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   |
| $\rho$ Walls                                                     |     | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   |
| $\rho$ Floor                                                     |     | 20                                                | 20   | 20   | 20   | 20   | 20                                         | 20   | 20   | 20   | 20   |
| Room Size<br>X                  Y                                |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |
| 2H                                                               | 2H  | 9.7                                               | 10.6 | 10.0 | 10.8 | 11.0 | 9.7                                        | 10.6 | 10.0 | 10.8 | 11.0 |
|                                                                  | 3H  | 11.8                                              | 12.6 | 12.1 | 12.8 | 13.1 | 11.8                                       | 12.6 | 12.1 | 12.8 | 13.1 |
|                                                                  | 4H  | 12.6                                              | 13.3 | 12.9 | 13.6 | 13.9 | 12.6                                       | 13.3 | 12.9 | 13.6 | 13.9 |
|                                                                  | 6H  | 13.3                                              | 13.9 | 13.6 | 14.2 | 14.5 | 13.3                                       | 13.9 | 13.6 | 14.2 | 14.5 |
|                                                                  | 8H  | 13.5                                              | 14.1 | 13.8 | 14.4 | 14.7 | 13.5                                       | 14.1 | 13.8 | 14.4 | 14.7 |
| 4H                                                               | 12H | 13.6                                              | 14.2 | 14.0 | 14.5 | 14.8 | 13.6                                       | 14.2 | 14.0 | 14.5 | 14.8 |
|                                                                  | 2H  | 10.5                                              | 11.2 | 10.8 | 11.4 | 11.7 | 10.5                                       | 11.2 | 10.8 | 11.4 | 11.7 |
|                                                                  | 3H  | 12.8                                              | 13.3 | 13.1 | 13.7 | 14.0 | 12.8                                       | 13.3 | 13.1 | 13.7 | 14.0 |
|                                                                  | 4H  | 13.7                                              | 14.2 | 14.1 | 14.5 | 14.9 | 13.7                                       | 14.2 | 14.1 | 14.5 | 14.9 |
|                                                                  | 6H  | 14.4                                              | 14.9 | 14.8 | 15.2 | 15.6 | 14.4                                       | 14.9 | 14.8 | 15.2 | 15.6 |
| 8H                                                               | 8H  | 14.7                                              | 15.1 | 15.1 | 15.5 | 15.9 | 14.7                                       | 15.1 | 15.1 | 15.5 | 15.9 |
|                                                                  | 12H | 14.9                                              | 15.2 | 15.3 | 15.6 | 16.1 | 14.9                                       | 15.2 | 15.3 | 15.6 | 16.1 |
|                                                                  | 4H  | 14.0                                              | 14.4 | 14.5 | 14.8 | 15.2 | 14.0                                       | 14.4 | 14.5 | 14.8 | 15.2 |
|                                                                  | 6H  | 14.9                                              | 15.2 | 15.4 | 15.7 | 16.1 | 14.9                                       | 15.2 | 15.4 | 15.7 | 16.1 |
|                                                                  | 8H  | 15.3                                              | 15.6 | 15.8 | 16.0 | 16.5 | 15.3                                       | 15.6 | 15.8 | 16.0 | 16.5 |
| 12H                                                              | 12H | 15.6                                              | 15.8 | 16.0 | 16.2 | 16.7 | 15.6                                       | 15.8 | 16.0 | 16.2 | 16.7 |
|                                                                  | 4H  | 14.1                                              | 14.4 | 14.5 | 14.8 | 15.3 | 14.1                                       | 14.4 | 14.5 | 14.8 | 15.3 |
|                                                                  | 6H  | 15.0                                              | 15.3 | 15.5 | 15.7 | 16.2 | 15.0                                       | 15.3 | 15.5 | 15.7 | 16.2 |
|                                                                  | 8H  | 15.4                                              | 15.6 | 15.9 | 16.1 | 16.6 | 15.4                                       | 15.6 | 15.9 | 16.1 | 16.6 |
|                                                                  | 12H | 15.4                                              | 15.6 | 15.9 | 16.1 | 16.6 | 15.4                                       | 15.6 | 15.9 | 16.1 | 16.6 |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |
| S = 1.0H                                                         |     | +2.0 / -1.9                                       |      |      |      |      | +2.0 / -1.9                                |      |      |      |      |
| S = 1.5H                                                         |     | +4.1 / -2.1                                       |      |      |      |      | +4.1 / -2.1                                |      |      |      |      |
| S = 2.0H                                                         |     | +5.8 / -2.4                                       |      |      |      |      | +5.8 / -2.4                                |      |      |      |      |
| Standard table                                                   |     | BK02                                              |      |      |      |      | BK02                                       |      |      |      |      |
| Correction Summand                                               |     | -2.6                                              |      |      |      |      | -2.6                                       |      |      |      |      |
| Corrected Glare Indices referring to 1005lm Total Luminous Flux  |     |                                                   |      |      |      |      |                                            |      |      |      |      |

# New construction Plaster Frame L

ARKOSLIGHT

Optional mounting accessory



| PRODUCT                    |                                    |
|----------------------------|------------------------------------|
| Model                      | NC PLASTER FRAME L Ø140            |
| Reference                  | U100-01-14                         |
| Category                   | Optional Mounting Accessory        |
| IC Rated                   | Yes                                |
| Weight                     | 2.54 lb   1155 g                   |
| Packaged Weight            | 3.98 lb   1810 g                   |
| Packaging Dimensions       | 16.6x15.03x3.15 in   422x382x80 mm |
| TO BE USED WITH REMOTE BOX |                                    |