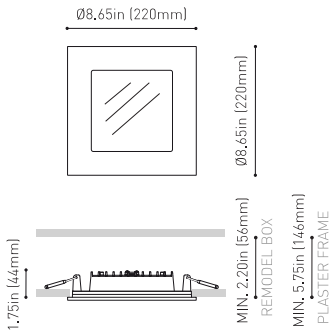




DIMENSIONS



|           |                  |
|-----------|------------------|
| Name      | QUAD UL 4000K W  |
| Reference | U1890112W        |
| Color     | Matt white       |
| RAL       | 9010             |
| Category  | CEILING RECESSED |

|                             |                                        |
|-----------------------------|----------------------------------------|
| Mounting Accessory / Driver | Mandatory, not included. See next page |
| Model                       | NC PLASTER FRAME L Ø205 20-29.4W 700mA |
| Reference                   | U1000008                               |

|                       |                |
|-----------------------|----------------|
| Type                  | LED            |
| Gross luminous flux   | 3075 Lm        |
| Color temperature     | 4000 K         |
| Chromatic stability   | MacAdam Step 2 |
| Color Rendering Index | CRI>90         |
| Power                 | 22 W           |
| Current               | 700 mA         |
| Efficacy              | 140 Lm/W       |
| LED lifespan          | L80B10>60.000h |

|                         |         |
|-------------------------|---------|
| Lighting efficiency     | 76%     |
| Delivered luminous flux | 2337 Lm |
| Light beam angle        | 102°    |

|                            |                                           |
|----------------------------|-------------------------------------------|
| Power values of the system | 25 W                                      |
| Voltage                    | 120/277 V                                 |
| Frequency                  | 50/60 Hz                                  |
| Dimming                    | 0-10V / TRIAC/ELV dimming only at 120Vac. |

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

PRODUCT

MOUNTING ACCESSORY / DRIVER

LIGHT SOURCE

LIGHTING FIXTURE | PHOTOMETRIC DATA

LIGHTING FIXTURE | ELECTRICAL DATA

OTHER DATA

The elegance of a squared perimeter downlight combined with the easy installation of a round fitting hole.

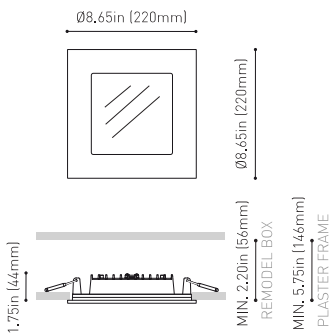


|                      |                                            |
|----------------------|--------------------------------------------|
| Recess measurements  | Ø8.07 in   Ø205 mm                         |
| Weight               | 2.53 lb   1147 gr                          |
| Packaged weight      | 3.04 lb   1378 gr                          |
| Packaging dimensions | 13.07 x 9.65 x 3.31 in   332 x 245 x 84 mm |
| Materials            | Aluminium - Polymethyl Methacrylate        |

OTHER DATA

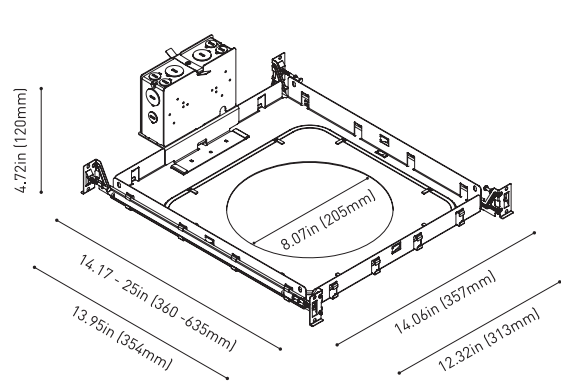


DIMENSIONS



The elegance of a squared perimeter downlight combined with the easy installation of a round fitting hole.

Mandatory / Not Included



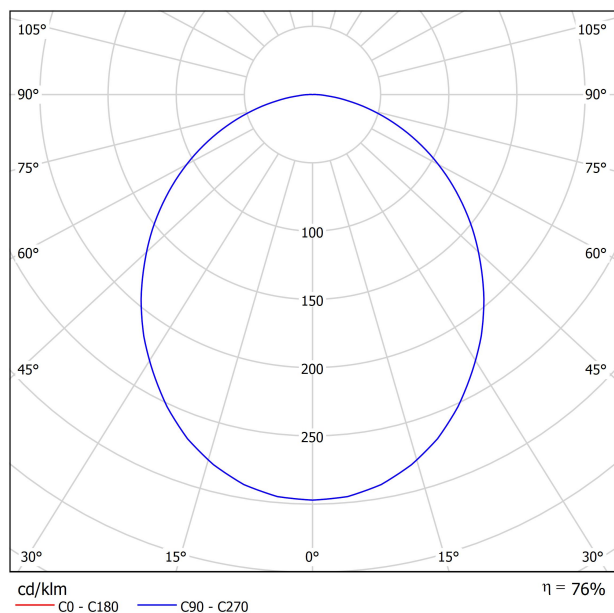
| PRODUCT              |                                                         |
|----------------------|---------------------------------------------------------|
| Model                | NC PLASTER FRAME L Ø205 20-29.4W 700mA                  |
| Driver               | Included: ERP - PSB series or similar                   |
| Reference            | U1000008                                                |
| IC Rated             | Yes                                                     |
| Dimming              | 0-10V / TRIAC/ELV dimming only at 120Vac.               |
| Fast connect         | Yes                                                     |
| Size                 | 14.17 - 25 x 14.06 x 4.72 in   360 - 635 x 357 x 120 mm |
| Weight               | 3.39 lb   1540 gr                                       |
| Packaged weight      | 3.95 lb   1795 gr                                       |
| Packaging dimensions | 16.6 x 15.03 x 4.52 in   422 x 382 x 115 mm             |
| Nº Luminaires        | 1                                                       |

| INPUT CHARACTERISTICS |           |
|-----------------------|-----------|
| Input Voltage         | 120/277 V |
| Frequency             | 50/60 Hz  |

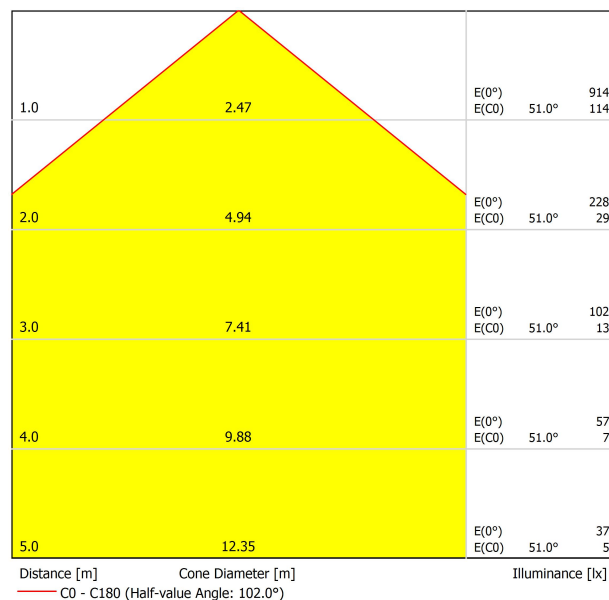
| OUTPUT CHARACTERISTICS |             |
|------------------------|-------------|
| Output Voltage         | 28 - 42 V   |
| Output Current         | 700 mA      |
| Output Power           | 20 - 29.4 W |



POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |
|------------------------------------------------------------------|-----|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|------|
| ρ Ceiling                                                        |     | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   | 30   |
| ρ Walls                                                          |     | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   | 30   |
| ρ Floor                                                          |     | 20                                                | 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  | 24.6                                              | 25.9 | 24.9 | 26.1 | 26.4 | 24.6                                       | 25.9 | 24.9 | 26.1 | 26.4 | 26.4 |
|                                                                  | 3H  | 26.3                                              | 27.5 | 26.6 | 27.7 | 28.0 | 26.3                                       | 27.5 | 26.6 | 27.7 | 28.0 | 28.0 |
|                                                                  | 4H  | 26.9                                              | 28.0 | 27.2 | 28.3 | 28.6 | 26.9                                       | 28.0 | 27.2 | 28.3 | 28.6 | 28.6 |
|                                                                  | 6H  | 27.3                                              | 28.4 | 27.7 | 28.7 | 29.0 | 27.3                                       | 28.4 | 27.7 | 28.7 | 29.0 | 29.0 |
|                                                                  | 8H  | 27.5                                              | 28.4 | 27.8 | 28.8 | 29.1 | 27.5                                       | 28.4 | 27.8 | 28.8 | 29.1 | 29.1 |
|                                                                  | 12H | 27.5                                              | 28.5 | 27.9 | 28.8 | 29.1 | 27.5                                       | 28.5 | 27.9 | 28.8 | 29.1 | 29.1 |
| 4H                                                               | 2H  | 25.2                                              | 26.3 | 25.5 | 26.5 | 26.8 | 25.2                                       | 26.3 | 25.5 | 26.5 | 26.8 | 26.8 |
|                                                                  | 3H  | 27.1                                              | 28.0 | 27.4 | 28.3 | 28.7 | 27.1                                       | 28.0 | 27.4 | 28.3 | 28.7 | 28.7 |
|                                                                  | 4H  | 27.8                                              | 28.6 | 28.2 | 29.0 | 29.4 | 27.8                                       | 28.6 | 28.2 | 29.0 | 29.4 | 29.4 |
|                                                                  | 6H  | 28.4                                              | 29.1 | 28.8 | 29.5 | 29.9 | 28.4                                       | 29.1 | 28.8 | 29.5 | 29.9 | 29.9 |
|                                                                  | 8H  | 28.5                                              | 29.2 | 29.0 | 29.6 | 30.0 | 28.5                                       | 29.2 | 29.0 | 29.6 | 30.0 | 30.0 |
|                                                                  | 12H | 28.7                                              | 29.3 | 29.1 | 29.7 | 30.1 | 28.7                                       | 29.3 | 29.1 | 29.7 | 30.1 | 30.1 |
| 8H                                                               | 4H  | 28.1                                              | 28.8 | 28.5 | 29.2 | 29.6 | 28.1                                       | 28.8 | 28.5 | 29.2 | 29.6 | 29.6 |
|                                                                  | 6H  | 28.8                                              | 29.3 | 29.2 | 29.7 | 30.2 | 28.8                                       | 29.3 | 29.2 | 29.7 | 30.2 | 30.2 |
|                                                                  | 8H  | 29.0                                              | 29.5 | 29.5 | 30.0 | 30.4 | 29.0                                       | 29.5 | 29.5 | 30.0 | 30.4 | 30.4 |
|                                                                  | 12H | 29.2                                              | 29.6 | 29.7 | 30.1 | 30.6 | 29.2                                       | 29.6 | 29.7 | 30.1 | 30.6 | 30.6 |
| 12H                                                              | 4H  | 28.1                                              | 28.7 | 28.6 | 29.1 | 29.6 | 28.1                                       | 28.7 | 28.6 | 29.1 | 29.6 | 29.6 |
|                                                                  | 6H  | 28.8                                              | 29.3 | 29.3 | 29.8 | 30.2 | 28.8                                       | 29.3 | 29.3 | 29.8 | 30.2 | 30.2 |
|                                                                  | 8H  | 29.1                                              | 29.5 | 29.6 | 30.0 | 30.5 | 29.1                                       | 29.5 | 29.6 | 30.0 | 30.5 | 30.5 |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |
| S = 1.0H<br>S = 1.5H<br>S = 2.0H                                 |     | +0.1 / -0.1<br>+0.2 / -0.4<br>+0.4 / -0.7         |      |      |      |      | +0.1 / -0.1<br>+0.2 / -0.4<br>+0.4 / -0.7  |      |      |      |      |      |
| Standard table                                                   |     | BK05                                              |      |      |      |      | BK05                                       |      |      |      |      |      |
| Correction<br>Summand                                            |     | 6.7                                               |      |      |      |      | 6.7                                        |      |      |      |      |      |
| Corrected Glare Indices referring to 3075lm Total Luminous Flux  |     |                                                   |      |      |      |      |                                            |      |      |      |      |      |