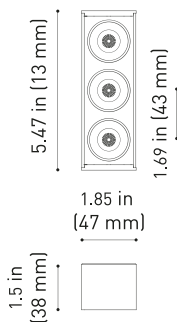


# Black Foster Surface Remote

ARKOSLIGHT



## DIMENSIONS



## PRODUCT

|           |                                                |
|-----------|------------------------------------------------|
| Name      | BLACK FOSTER SURFACE REMOTE 3 UL SPOT 3000K NT |
| Reference | U4803101NT                                     |
| Color     | Textured black                                 |
| RAL       | 9005                                           |
| Category  | SURFACE                                        |

## MOUNTING ACCESSORY / DRIVER

|                             |                                        |
|-----------------------------|----------------------------------------|
| Mounting Accessory / Driver | Mandatory, not included. See next page |
| Model                       | REMOTE BOX 5.6-33W 700mA               |
| Reference                   | U100003602                             |

## LIGHT SOURCE

|                       |                 |
|-----------------------|-----------------|
| Type                  | LED             |
| Gross luminous flux   | 630 Lm          |
| Color temperature     | 3000 K          |
| Chromatic stability   | MacAdam Step 3  |
| Color Rendering Index | CRI>90          |
| Power                 | 6.3 W           |
| Current               | 700 mA          |
| Efficacy              | 100 Lm/W        |
| LED lifespan          | L90B10>102.000h |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                         |        |
|-------------------------|--------|
| Lighting efficiency     | 90%    |
| Delivered luminous flux | 567 Lm |
| Light beam angle        | 19     |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                            |           |
|----------------------------|-----------|
| Power values of the system | 8.8 W     |
| Voltage                    | 120-277 V |
| Frequency                  | 50/60 Hz  |
| Dimming                    | 0-10V     |

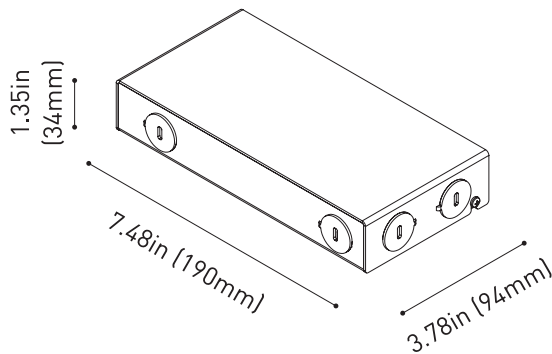
## OTHER DATA

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| IC Rated               | Yes                                                         |
| Environmental location | DAMP                                                        |
| Weight                 | 0.540 lb   245 gr                                           |
| Packaged weight        | 0.661 lb   300 gr                                           |
| Packaging dimensions   | 10.2 x 2.8 x 1.8 in   260 x 73 x 46 mm                      |
| Materials              | Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate |



An unostentatious feature in the space. This is how the new Black Foster Surface Remote version reveals its compact and essential lighting fixture. The commitment to the use of a remote driver enables minimising its profile to the extent necessary to integrate its invisible light optical system.

Mandatory / Not Included

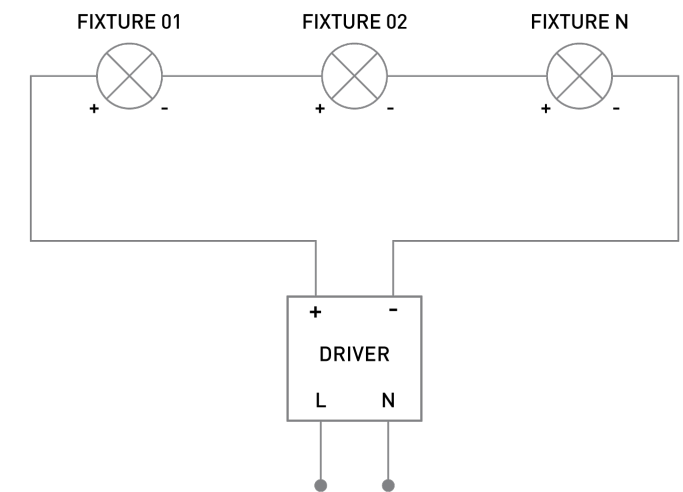


| PRODUCT               |                                           |
|-----------------------|-------------------------------------------|
| Model                 | REMOTE BOX 5.6-33W 700mA                  |
| Driver                | Included                                  |
| Reference             | U100003602                                |
| IC Rated              | Yes                                       |
| Dimming               | 0-10V                                     |
| Size                  | 7.48 x 3.78 x 1.35 in   190 x 94 x 34 mm  |
| Weight                | 1.8 lb   820 gr                           |
| Packaged weight       | 1.93 lb   875 gr                          |
| Packaging dimensions  | 9.53 x 4.13 x 1.54 in   242 x 105 x 39 mm |
| Nº Luminaires         | 1 to 4                                    |
| LED - Driver Distance | Maximum suggested distance is 16 feet     |

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

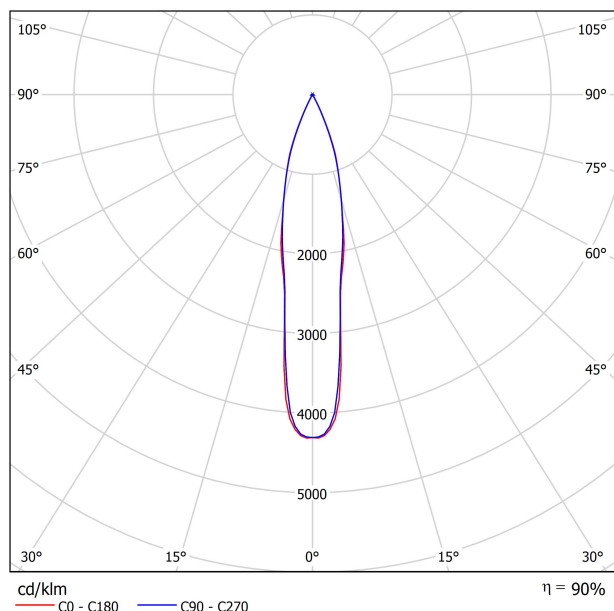
| OUTPUT CHARACTERISTICS |            |
|------------------------|------------|
| Output Voltage         | 8 - 47 V   |
| Output Current         | 700 mA     |
| Output Power           | 5.6 - 33 W |



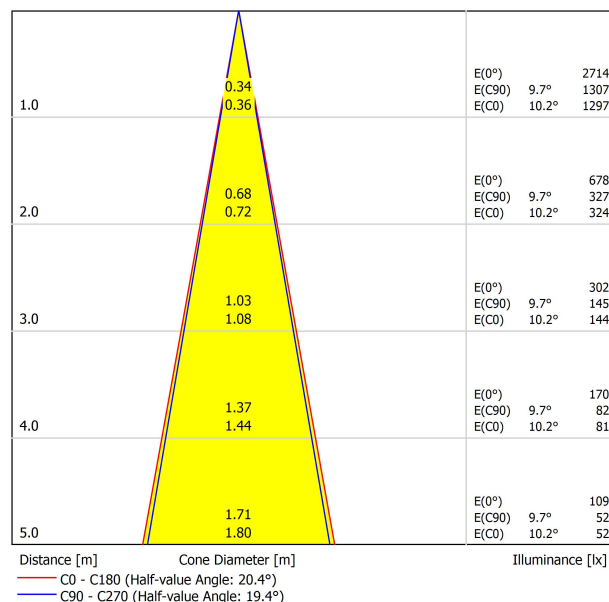


SERIAL CONNECTION FOR SEVERAL FIXTURES TO A SINGLE CONSTANT CURRENT DRIVER  
RESPECT THE DISTANCE LED - DRIVER

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |     |                                                   |      |      |      |      |                                            |      |      |      |      |
|------------------------------------------------------------------|-----|---------------------------------------------------|------|------|------|------|--------------------------------------------|------|------|------|------|
| ρ Ceiling                                                        |     | 70                                                | 70   | 50   | 50   | 30   | 70                                         | 70   | 50   | 50   | 30   |
| ρ Walls                                                          |     | 50                                                | 30   | 50   | 30   | 30   | 50                                         | 30   | 50   | 30   | 30   |
| ρ 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  | 5.4                                               | 6.1  | 5.7  | 6.3  | 6.5  | 5.6                                        | 6.2  | 5.8  | 6.4  | 6.6  |
|                                                                  | 3H  | 9.0                                               | 9.6  | 9.3  | 9.8  | 10.1 | 9.1                                        | 9.7  | 9.4  | 10.0 | 10.2 |
|                                                                  | 4H  | 10.9                                              | 11.5 | 11.2 | 11.7 | 12.0 | 11.0                                       | 11.6 | 11.3 | 11.9 | 12.1 |
|                                                                  | 6H  | 13.0                                              | 13.5 | 13.3 | 13.8 | 14.1 | 13.0                                       | 13.6 | 13.4 | 13.9 | 14.2 |
|                                                                  | 8H  | 14.2                                              | 14.7 | 14.5 | 15.0 | 15.3 | 14.3                                       | 14.9 | 14.7 | 15.1 | 15.4 |
|                                                                  | 12H | 15.6                                              | 16.1 | 15.9 | 16.4 | 16.7 | 15.7                                       | 16.2 | 16.0 | 16.5 | 16.8 |
| 4H                                                               | 2H  | 6.5                                               | 7.1  | 6.8  | 7.3  | 7.6  | 6.6                                        | 7.2  | 6.9  | 7.4  | 7.7  |
|                                                                  | 3H  | 10.3                                              | 10.8 | 10.6 | 11.1 | 11.4 | 10.4                                       | 10.9 | 10.7 | 11.2 | 11.5 |
|                                                                  | 4H  | 12.3                                              | 12.8 | 12.7 | 13.1 | 13.4 | 12.5                                       | 12.9 | 12.9 | 13.3 | 13.6 |
|                                                                  | 6H  | 14.6                                              | 15.0 | 15.0 | 15.4 | 15.7 | 14.7                                       | 15.0 | 15.1 | 15.4 | 15.8 |
|                                                                  | 8H  | 15.9                                              | 16.3 | 16.4 | 16.7 | 17.1 | 16.1                                       | 16.4 | 16.5 | 16.8 | 17.2 |
|                                                                  | 12H | 17.4                                              | 17.7 | 17.8 | 18.1 | 18.5 | 17.6                                       | 17.8 | 18.0 | 18.2 | 18.7 |
| 8H                                                               | 4H  | 13.2                                              | 13.5 | 13.6 | 13.9 | 14.3 | 13.3                                       | 13.6 | 13.7 | 14.0 | 14.4 |
|                                                                  | 6H  | 15.7                                              | 16.0 | 16.2 | 16.4 | 16.8 | 15.8                                       | 16.0 | 16.2 | 16.4 | 16.9 |
|                                                                  | 8H  | 17.2                                              | 17.4 | 17.7 | 17.9 | 18.3 | 17.3                                       | 17.5 | 17.8 | 18.0 | 18.4 |
|                                                                  | 12H | 18.9                                              | 19.0 | 19.4 | 19.5 | 20.0 | 19.0                                       | 19.2 | 19.5 | 19.6 | 20.1 |
| 12H                                                              | 4H  | 13.4                                              | 13.7 | 13.9 | 14.1 | 14.5 | 13.5                                       | 13.8 | 14.0 | 14.2 | 14.6 |
|                                                                  | 6H  | 16.1                                              | 16.3 | 16.5 | 16.7 | 17.2 | 16.1                                       | 16.3 | 16.6 | 16.8 | 17.2 |
|                                                                  | 8H  | 17.7                                              | 17.8 | 18.2 | 18.3 | 18.8 | 17.8                                       | 17.9 | 18.2 | 18.4 | 18.9 |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |
| S = 1.0H                                                         |     | +0.2 / -0.2                                       |      |      |      |      | +0.2 / -0.2                                |      |      |      |      |
| S = 1.5H                                                         |     | +0.3 / -0.3                                       |      |      |      |      | +0.3 / -0.3                                |      |      |      |      |
| S = 2.0H                                                         |     | +0.5 / -0.6                                       |      |      |      |      | +0.5 / -0.6                                |      |      |      |      |
| Standard table                                                   |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Correction                                                       |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Summand                                                          |     | ---                                               |      |      |      |      | ---                                        |      |      |      |      |
| Corrected Glare Indices referring to 630lm Total Luminous Flux   |     |                                                   |      |      |      |      |                                            |      |      |      |      |