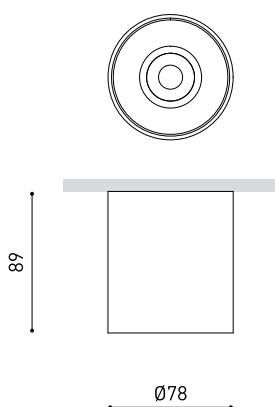




## Dimensions



## Accessories



DRIVER OPTIONS



HIGH CHROMATIC LED

## PRODUCT

|           |                                   |
|-----------|-----------------------------------|
| Name      | BUDDY SURFACE SUPER SPOT 4000K NT |
| Reference | A5940002NT                        |
| Colour    | Textured black                    |
| RAL       | 9005                              |
| Category  | SURFACE                           |

## LIGHT SOURCE

|                         |                 |
|-------------------------|-----------------|
| Type                    | LED             |
| Gross luminous flux     | 1090 lm         |
| Colour temperature      | 4000 K          |
| Chromatic stability     | MacAdam Step 2  |
| Colour Rendering Index  | CRI>90          |
| Power                   | 8,8 W           |
| Current                 | 700 mA          |
| Efficacy                | 124 lm/W        |
| LED lifespan            | L80B10 >55.000h |
| Energy efficiency class | E               |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |      |
|---------------------|------|
| Lighting efficiency | 58%  |
| Light beam angle    | 12°  |
| UGR                 | < 19 |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                             |               |
|-----------------------------|---------------|
| Driver                      | Excluded      |
| Dimming                     | No Dim / DALI |
| Electrical insulation class | II            |

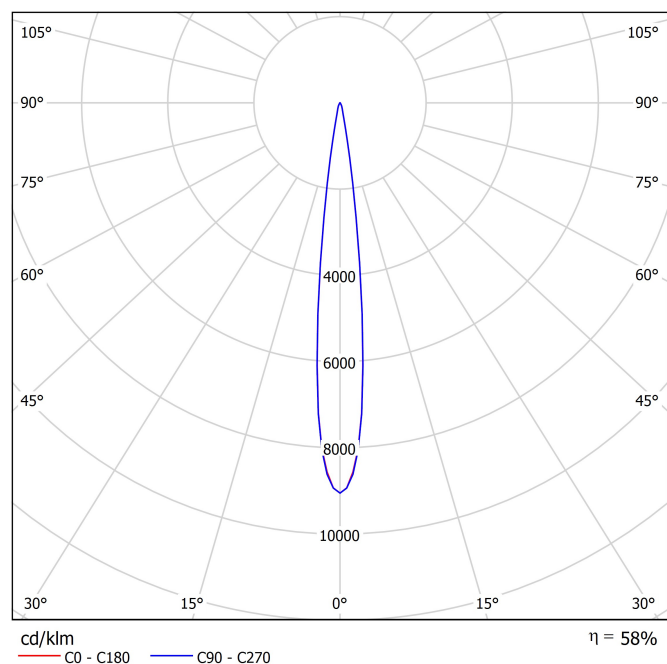
## OTHER DATA

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Sealing              | IP20                                                |
| Wireless control     | Please Consult                                      |
| Weight               | 285 g                                               |
| Packaged weight      | 350 g                                               |
| Packaging dimensions | 111 x 104 x 95 mm                                   |
| Units per package    | 1                                                   |
| Materials            | Aluminium / Polycarbonate / Polymethyl Methacrylate |

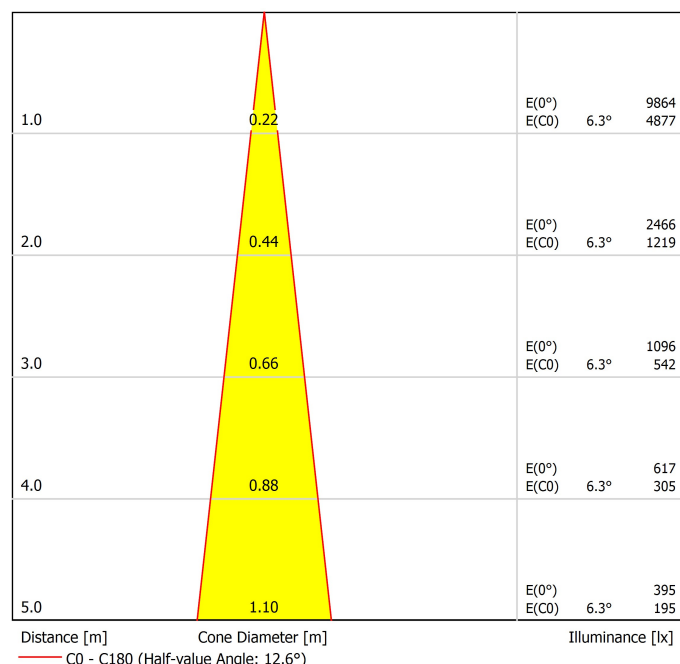


Buddy is available as a surface-mounted downlight, distinguished by its compact size and suitable for installation on any material. All the performance features of this compact yet powerful spotlight are available across its recessed, trimless, and surface versions: High energy-efficiency LED, Tunable White options: 1800K-4000K or 2700K-5000K, Dim to Warm option: 1800K-3000K, beam angles: Flood, Medium, Spot, and Superspot, low glare: UGR < 19. One single family with everything you could ever need, designed by Rubén Saldaña.

## Polar diagram



## Conical diagram



## UGR

| Glare Evaluation According to UGR                                |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |
|------------------------------------------------------------------|-----|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|--|
| p Ceiling                                                        |     | 70                                                | 70    | 50    | 50    | 30    | 70                                         | 70    | 50    | 50    | 30    |  |
| p Walls                                                          |     | 50                                                | 30    | 50    | 30    | 30    | 50                                         | 30    | 50    | 30    | 30    |  |
| p 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  | -28.3                                             | -27.7 | -28.1 | -27.5 | -27.3 | -30.3                                      | -29.7 | -30.0 | -29.5 | -29.3 |  |
|                                                                  | 3H  | -28.5                                             | -27.9 | -28.2 | -27.7 | -27.4 | -30.4                                      | -29.8 | -30.1 | -29.6 | -29.4 |  |
|                                                                  | 4H  | -28.5                                             | -28.0 | -28.2 | -27.7 | -27.5 | -30.5                                      | -29.9 | -30.2 | -29.7 | -29.4 |  |
|                                                                  | 6H  | -28.6                                             | -28.1 | -28.3 | -27.8 | -27.5 | -30.6                                      | -30.1 | -30.2 | -29.8 | -29.5 |  |
|                                                                  | 8H  | -28.6                                             | -28.2 | -28.3 | -27.9 | -27.6 | -30.6                                      | -30.1 | -30.3 | -29.8 | -29.5 |  |
|                                                                  | 12H | -28.7                                             | -28.2 | -28.3 | -27.9 | -27.6 | -30.6                                      | -30.2 | -30.3 | -29.9 | -29.6 |  |
| 4H                                                               | 2H  | -28.5                                             | -28.0 | -28.2 | -27.7 | -27.5 | -30.5                                      | -29.9 | -30.2 | -29.7 | -29.4 |  |
|                                                                  | 3H  | -28.7                                             | -28.2 | -28.3 | -27.9 | -27.6 | -30.6                                      | -30.2 | -30.3 | -29.9 | -29.6 |  |
|                                                                  | 4H  | -28.8                                             | -28.4 | -28.4 | -28.0 | -27.7 | -30.7                                      | -30.3 | -30.3 | -30.0 | -29.7 |  |
|                                                                  | 6H  | -28.8                                             | -28.5 | -28.4 | -28.1 | -27.8 | -30.8                                      | -30.5 | -30.4 | -30.1 | -29.7 |  |
|                                                                  | 8H  | -28.9                                             | -28.6 | -28.5 | -28.2 | -27.8 | -30.8                                      | -30.5 | -30.4 | -30.2 | -29.8 |  |
|                                                                  | 12H | -28.9                                             | -28.7 | -28.5 | -28.3 | -27.8 | -30.9                                      | -30.6 | -30.4 | -30.2 | -29.8 |  |
| 8H                                                               | 4H  | -28.9                                             | -28.6 | -28.5 | -28.2 | -27.8 | -30.8                                      | -30.5 | -30.4 | -30.2 | -29.8 |  |
|                                                                  | 6H  | -29.0                                             | -28.7 | -28.5 | -28.3 | -27.9 | -30.9                                      | -30.7 | -30.5 | -30.3 | -29.8 |  |
|                                                                  | 8H  | -29.0                                             | -28.8 | -28.5 | -28.4 | -27.9 | -31.0                                      | -30.8 | -30.5 | -30.4 | -29.9 |  |
|                                                                  | 12H | -29.1                                             | -28.9 | -28.6 | -28.5 | -28.0 | -31.0                                      | -30.9 | -30.5 | -30.4 | -29.9 |  |
| 12H                                                              | 4H  | -28.9                                             | -28.7 | -28.5 | -28.3 | -27.8 | -30.9                                      | -30.6 | -30.4 | -30.2 | -29.8 |  |
|                                                                  | 6H  | -29.0                                             | -28.8 | -28.5 | -28.4 | -27.9 | -31.0                                      | -30.8 | -30.5 | -30.4 | -29.9 |  |
|                                                                  | 8H  | -29.1                                             | -28.9 | -28.6 | -28.5 | -28.0 | -31.0                                      | -30.9 | -30.5 | -30.4 | -29.9 |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |
| S = 1.0H                                                         |     | +4.6 / -17.5                                      |       |       |       |       | +4.5 / -16.9                               |       |       |       |       |  |
| S = 1.5H                                                         |     | +7.3 / -86.2                                      |       |       |       |       | +7.3 / -86.1                               |       |       |       |       |  |
| S = 2.0H                                                         |     | +9.3 / -84.2                                      |       |       |       |       | +9.3 / -84.1                               |       |       |       |       |  |
| Standard table                                                   |     | BK00                                              |       |       |       |       | BK00                                       |       |       |       |       |  |
| Correction Summand                                               |     | -15.0                                             |       |       |       |       | -15.1                                      |       |       |       |       |  |
| Corrected Glare Indices referring to 1090lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |



| DRIVER OPTIONS                                                                             |            | P    | I     | CCT   | Flux    |
|--------------------------------------------------------------------------------------------|------------|------|-------|-------|---------|
|  NO DIM | 0433-00-27 | 8,8W | 700mA | 2700K | 970 lm  |
|                                                                                            |            |      |       | 3000K | 1020 lm |
|                                                                                            |            |      |       | 3500K | 1060 lm |
|  DALI   | 0434-03-01 |      |       | 4000K | 1090 lm |

220  
240 V~

| Vivid Model<br>Colour Temperature                                                                     | 2700K | 3000K | 3500K | 4000K | Light Pink |
|-------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|------------|
|  Reading             |       |       | •     | •     |            |
|  Fruits & Vegetables |       | •     | •     |       |            |
|  Bakery              | •     |       |       |       |            |
|  Retail              |       | •     | •     |       |            |
|  Cosmetics           |       |       | •     | •     |            |
|  Meat                |       |       |       |       | •          |
|  Fish                |       |       |       | •     |            |
|  Seafood            |       |       |       | •     | •          |

## High Chromatic LED

For commercial product showcasing.

Arkoslight offers, in some of its products, the possibility to incorporate a special LED designed to enhance the visual presentation of goods and products for commercial purposes.

This high-chromaticity LED is selected to highlight tones that encourage a positive psychological perception of the illuminated object.

The light source provides a more attractive and intense colour palette than a conventional LED. This is achieved through a specific LED configuration under a "special saturation parameter," allowing colours and textures to appear more vivid within the visible spectrum.

The diode and its phosphor coating are carefully selected for each application.



Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

## Instrucciones para el final de vida y la eliminación de los componentes:

### Instructions on end-of-life and component disposal:

### Instructions pour la gestion des composants en fin de vie et leur mise au rebut :

### Istruzioni per il fine vita e lo smaltimento dei componenti:

### Anweisungen zur entsorgung der Leuchtenkomponenten:



Interrumpir la alimentación del aparato  
Cut the power supply to the luminaire  
Couper l'alimentation du luminaire  
Interrompere l'alimentazione dell'apparecchio  
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho  
Remove light source(s) for disposal  
Retirer la (les) source(s) lumineuse(s) pour l'élimination  
Rimuovere la/le sorgente/e di luce per lo smaltimento  
Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho  
Remove the battery for decommissioning  
Retirer la batterie pour sa mise au rebut  
Rimuovere la batteria per la dismissione  
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho  
Remove control gear for disposal  
Retirer le dispositif de commande pour l'élimination  
Rimuovere l'alimentatore per lo smaltimento  
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE  
Send the materials to a WEEE collection centre  
Envoyer les matériaux dans une déchetterie DEEE  
Inviare i materiali ad un centro di raccolta RAEE  
Die Materialien in einem WEEE-Zentrum entsorgen

