



## Dimensions



## Accessories



DRIVER OPTIONS



HIGH CHROMATIC LED

## PRODUCT

|           |                              |
|-----------|------------------------------|
| Name      | BUDDY SURFACE FLOOD 3500K NT |
| Reference | A5940033NT                   |
| Colour    | Textured black               |
| RAL       | 9005                         |
| Category  | SURFACE                      |

## LIGHT SOURCE

|                         |                      |
|-------------------------|----------------------|
| Type                    | LED                  |
| Gross luminous flux     | 810 / 1250 / 1520 lm |
| Colour temperature      | 3500 K               |
| Chromatic stability     | MacAdam Step 2       |
| Colour Rendering Index  | CRI>90               |
| Power                   | 4 / 6,6 / 8,5 W      |
| Current                 | 125 / 200 / 250 mA   |
| Efficacy                | 202 / 189 / 179 lm/W |
| LED lifespan            | L80B10 >66.000h      |
| Energy efficiency class | D                    |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |      |
|---------------------|------|
| Lighting efficiency | 65%  |
| Light beam angle    | 54°  |
| UGR                 | < 19 |

## LIGHTING FIXTURE | ELECTRICAL DATA

|                             |                                     |
|-----------------------------|-------------------------------------|
| Driver                      | Excluded                            |
| Dimming                     | No Dim / DALI / Casambi / Phase Cut |
| 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.



| DRIVER OPTIONS     |                                                                                               |            | P    | I     | CCT   | Flux    |
|--------------------|-----------------------------------------------------------------------------------------------|------------|------|-------|-------|---------|
| BUDDY<br>Surface 1 |  NO DIM      | 0434-01-85 | 4W   | 125mA | 2700K | 770 lm  |
|                    |                                                                                               |            |      |       | 3000K | 800 lm  |
|                    |                                                                                               |            |      |       | 3500K | 810 lm  |
|                    |                                                                                               |            |      |       | 4000K | 820 lm  |
| BUDDY<br>Surface 2 |  NO DIM    | 0434-01-86 | 6,6W | 200mA | 2700K | 1190 lm |
|                    |                                                                                               |            |      |       | 3000K | 1240 lm |
|                    |                                                                                               |            |      |       | 3500K | 1250 lm |
|                    |                                                                                               |            |      |       | 4000K | 1260 lm |
| BUDDY<br>Surface 3 |  NO DIM    | 0433-01-37 | 8,5W | 250mA | 2700K | 1440 lm |
|                    |  DALI      | 0434-01-29 |      |       | 3000K | 1500 lm |
|                    |  CASAMBI   | 0434-03-02 |      |       | 3500K | 1520 lm |
|                    |  PHASE CUT | 0434-03-03 |      |       | 4000K | 1530 lm |
| 220<br>240 V~      |                                                                                               |            |      |       |       |         |



## DRIVER

0434-03-03 DRIVER 23W 150-700 PH. CUT NFC CONFIG 250mA

## PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number                     | Dimming Type |
|----------------------|----------------------------------|--------------|
| ABB                  | 6519 U                           | Leading edge |
| ABB                  | 6526 U                           | Leading edge |
| JUNG                 | 1224 LED UDE                     | Leading edge |
| Berker               | 2861                             | Leading edge |
| JUNG                 | 254 UDIE 1                       | Leading edge |
| JUNG                 | 225 TDE                          | Leading edge |
| EGANT                | U321V2                           | Leading edge |
| Schneider            | SBD200LED                        | Leading edge |
| Schneider            | SBD315RC                         | Leading edge |
| Merten               | SBD200LED                        | Leading edge |
| Berker               | 2874                             | Leading edge |
| Eltako               | EUD61NPL-230V                    | Leading edge |
| Eltako               | EUD12NPN-UC                      | Leading edge |
| Eltako               | EUD12D-UC                        | Leading edge |
| Eltako               | EUD61NP-230V                     | Leading edge |
| Eltako               | DTD55-230V-wg                    | Leading edge |
| Eltako               | DTD55L-230V-wg                   | Leading edge |
| Eltako               | EUD61NPN-UC                      | Leading edge |
| GIRA                 | Universal-LED-Dimmer Mini2440 00 | Leading edge |
| EHMANN               | LED-Dimmer T46.08                | Leading edge |
| JUNG                 | DrehDimmer Universal LED1731DD   | Leading edge |
| niko                 | 330-00700                        | Leading edge |
| niko                 | 310-0390X                        | Leading edge |
| Bticino              | L-N-NT4411N                      | Leading edge |
| TECNEL               | TE44895BT                        | Leading edge |
| TECNEL               | TE7636                           | Leading edge |
| VIMAR                | 20135,1                          | Leading edge |
|                      | C-300 RLC                        | Leading edge |

THE PARTICULAR CONDITIONS OF EACH INSTALLATION AND THE SPECIFICATIONS AND CONDITIONS OF USE OF EACH REGULATOR, MAY DIFFER FROM THOSE CONSIDERED IN THE COMPATIBILITY TESTING, AND AFFECT ITS PERFORMANCE IN SAID INSTALLATION.

FOR MORE INFO, PLEASE CONSULT

| 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

