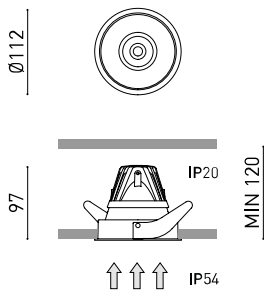




Dimensiones



Accesorios



DRIVER OPTIONS



HIGH CHROMATIC LED

PRODUCTO

|            |                             |
|------------|-----------------------------|
| Nombre     | BUDDY L SUPER SPOT 4000K NG |
| Referencia | A5680002NG                  |
| Color      | Negro-Dorado                |
| RAL        | 9005 & 1036                 |
| Categoría  | CEILING RECESSED            |

FUENTE DE LUZ

|                                  |                 |
|----------------------------------|-----------------|
| Tipo                             | LED             |
| Flujo luminoso                   | 1610 lm         |
| Temperatura de color             | 4000 K          |
| Estabilidad cromática            | MacAdam Step 2  |
| Índice de reproducción cromática | CRI>90          |
| Potencia                         | 11,6 W          |
| Eficacia                         | 139 lm/W        |
| Horas de vida del LED            | L80B10 >66.000h |

LUMINARIA | DATOS FOTOMÉTRICOS

|                       |     |
|-----------------------|-----|
| Eficiencia lumínica   | 66% |
| Ángulo del haz de luz | 13° |

LUMINARIA | DATOS ELÉCTRICOS

|                              |                         |
|------------------------------|-------------------------|
| Driver                       | Excluido                |
| Regulación                   | No Dim / DALI / Casambi |
| Clase de seguridad eléctrica | II                      |

OTROS DATOS

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| Estanqueidad             | IP54                                            |
| Control inalámbrico      | Consultar                                       |
| Medidas de empotramiento | Ø105 mm                                         |
| Peso                     | 310 g                                           |
| Peso con embalaje        | 431 g                                           |
| Dimensiones embalaje     | 190 x 142 x 114 mm                              |
| Unidades por embalaje    | 1                                               |
| Materiales               | Aluminio / Policarbonato / Polimetilmetacrilato |



La sofisticación de la iluminación empotrable. Buddy llega para maximizar el rendimiento lumínico del clásico empotrable. Emerge con un diseño sólido y resolutivo, un mayor ahorro energético y un exquisito confort visual. La familia nace con varias versiones con cuatro grados de apertura -flood, medium, spot y super spot-. La tecnología dim to warm permite a Buddy aportar confort al espacio a través de la regulación de la intensidad y la temperatura del color. Además, con tunable White se puede controlar de manera independiente. Sus cuatro versiones por posición demuestran su versatilidad: recessed, trimless, tilt y la versión basculante tilt trimless, que mantiene su caudal lumínico en todos los grados de apertura.

Diagrama polar

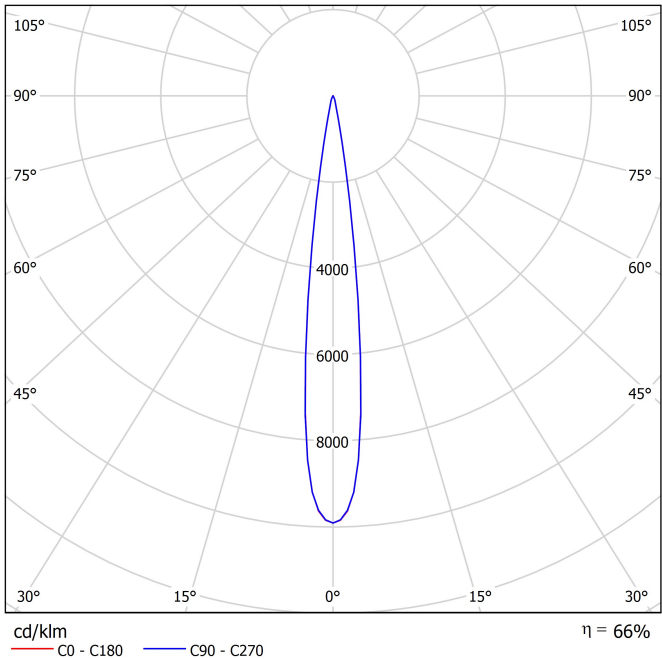
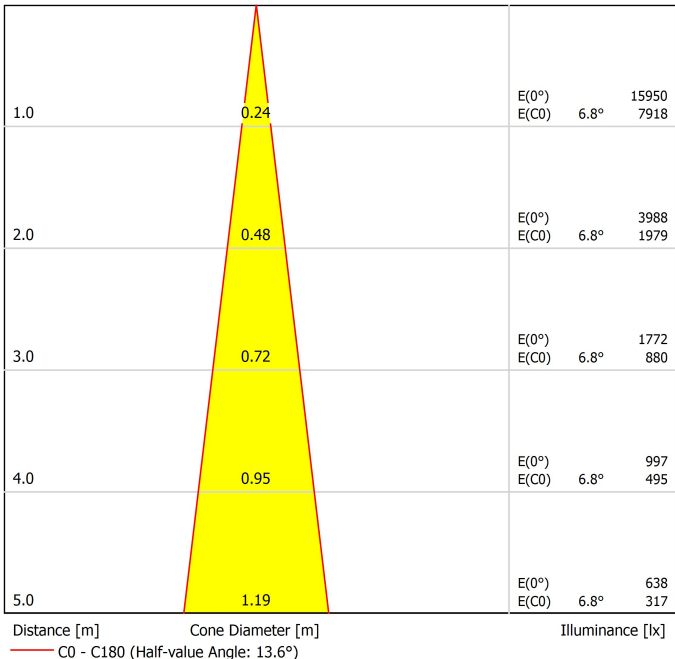
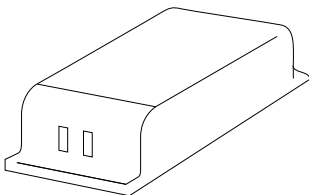


Diagrama cónico

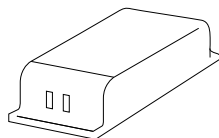


UGR

| 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  | -15.8                                             | -15.2 | -15.6 | -15.0 | -14.8 | -15.3                                      | -14.7 | -15.1 | -14.5 | -14.3 |  |
|                                                                  | 3H  | -16.0                                             | -15.4 | -15.7 | -15.2 | -14.9 | -15.4                                      | -14.9 | -15.2 | -14.6 | -14.4 |  |
|                                                                  | 4H  | -16.0                                             | -15.5 | -15.7 | -15.2 | -15.0 | -15.5                                      | -15.0 | -15.2 | -14.7 | -14.5 |  |
|                                                                  | 6H  | -16.1                                             | -15.6 | -15.8 | -15.3 | -15.1 | -15.6                                      | -15.1 | -15.3 | -14.8 | -14.5 |  |
|                                                                  | 8H  | -16.1                                             | -15.7 | -15.8 | -15.4 | -15.1 | -15.6                                      | -15.1 | -15.3 | -14.9 | -14.6 |  |
|                                                                  | 12H | -16.2                                             | -15.7 | -15.8 | -15.4 | -15.1 | -15.7                                      | -15.2 | -15.3 | -14.9 | -14.6 |  |
| 4H                                                               | 2H  | -16.0                                             | -15.4 | -15.7 | -15.2 | -14.9 | -15.5                                      | -14.9 | -15.2 | -14.7 | -14.4 |  |
|                                                                  | 3H  | -16.1                                             | -15.7 | -15.8 | -15.4 | -15.1 | -15.6                                      | -15.2 | -15.3 | -14.9 | -14.5 |  |
|                                                                  | 4H  | -16.2                                             | -15.8 | -15.8 | -15.5 | -15.1 | -15.7                                      | -15.3 | -15.3 | -15.0 | -14.6 |  |
|                                                                  | 6H  | -16.3                                             | -16.0 | -15.9 | -15.6 | -15.2 | -15.8                                      | -15.4 | -15.4 | -15.1 | -14.7 |  |
|                                                                  | 8H  | -16.3                                             | -16.0 | -15.9 | -15.6 | -15.3 | -15.8                                      | -15.5 | -15.4 | -15.1 | -14.7 |  |
|                                                                  | 12H | -16.3                                             | -16.1 | -15.9 | -15.7 | -15.3 | -15.8                                      | -15.6 | -15.4 | -15.2 | -14.8 |  |
| 8H                                                               | 4H  | -16.3                                             | -16.0 | -15.9 | -15.6 | -15.3 | -15.8                                      | -15.5 | -15.4 | -15.1 | -14.7 |  |
|                                                                  | 6H  | -16.4                                             | -16.2 | -16.0 | -15.8 | -15.3 | -15.9                                      | -15.7 | -15.4 | -15.3 | -14.8 |  |
|                                                                  | 8H  | -16.4                                             | -16.3 | -16.0 | -15.8 | -15.4 | -15.9                                      | -15.8 | -15.5 | -15.3 | -14.9 |  |
|                                                                  | 12H | -16.5                                             | -16.4 | -16.0 | -15.9 | -15.4 | -16.0                                      | -15.8 | -15.5 | -15.4 | -14.9 |  |
| 12H                                                              | 4H  | -16.3                                             | -16.1 | -15.9 | -15.7 | -15.3 | -15.8                                      | -15.6 | -15.4 | -15.2 | -14.8 |  |
|                                                                  | 6H  | -16.4                                             | -16.3 | -16.0 | -15.8 | -15.4 | -15.9                                      | -15.8 | -15.5 | -15.3 | -14.9 |  |
|                                                                  | 8H  | -16.5                                             | -16.4 | -16.0 | -15.9 | -15.4 | -16.0                                      | -15.8 | -15.5 | -15.4 | -14.9 |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |
| S = 1.0H                                                         |     | +6.0 / -13.4                                      |       |       |       |       | +6.0 / -13.4                               |       |       |       |       |  |
| S = 1.5H                                                         |     | +8.8 / -18.7                                      |       |       |       |       | +8.8 / -18.2                               |       |       |       |       |  |
| S = 2.0H                                                         |     | +10.8 / -45.8                                     |       |       |       |       | +10.8 / -44.5                              |       |       |       |       |  |
| Standard table                                                   |     | BK00                                              |       |       |       |       | BK00                                       |       |       |       |       |  |
| Correction Summand                                               |     | -23.2                                             |       |       |       |       | -23.0                                      |       |       |       |       |  |
| Corrected Glare Indices referring to 1610lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                            |       |       |       |       |  |



| DRIVER OPTIONS           |                                                                                               |            | P                  | I     | CCT        | Flux   |
|--------------------------|-----------------------------------------------------------------------------------------------|------------|--------------------|-------|------------|--------|
| BUDDY L 1                |  NO DIM      | 0433-01-37 | 8,1W               | 250mA | 2700K      | 1500lm |
|                          |                                                                                               |            |                    |       | 3000K      | 1560lm |
|                          |                                                                                               |            |                    |       | 3500K      | 1600lm |
|                          |                                                                                               |            |                    |       | 4000K      | 1600lm |
| BUDDY L 2                |  NO DIM    | 0433-00-21 | 11,5W              | 350mA | 2700K      | 2010lm |
|                          |                                                                                               |            |                    |       | 3000K      | 2090lm |
|                          |                                                                                               |            |                    |       | 3500K      | 2120lm |
|                          |                                                                                               |            |                    |       | 4000K      | 2120lm |
|                          |  DALI      | 0433-01-40 |                    |       | 3000K      | 2090lm |
|                          |                                                                                               |            |                    |       | 3500K      | 2120lm |
|                          |                                                                                               |            |                    |       | 4000K      | 2120lm |
|                          |                                                                                               |            |                    |       |            |        |
| BUDDY L<br>Super Spot    |  NO DIM    | 0433-01-38 | 11,6W              | 650mA | 2700K      | 1430lm |
|                          |                                                                                               |            |                    |       | 3000K      | 1510lm |
|                          |                                                                                               |            |                    |       | 3500K      | 1570lm |
|                          |                                                                                               |            |                    |       | 4000K      | 1610lm |
| BUDDY L<br>Tunable White |  DALI      | 0433-01-42 | 11,6W              | 350mA | 1800-4000K | 1270lm |
|                          |                                                                                               |            |                    |       | 2700-5000K | 1630lm |
| BUDDY L<br>Dim to Warm   |  DALI      | 0433-01-40 | 11,6W              | 350mA | 1800-3000K | 1280lm |
|                          |                                                                                               |            |                    |       |            |        |
|                          |                                                                                               |            |                    |       |            |        |
|                          |  CASAMBI   | 0433-01-43 |                    |       |            |        |
|                          |  PHASE CUT | 0433-01-39 |                    |       |            |        |
| 220<br>240 V~            |                                                                                               |            | 48V Please Consult |       |            |        |



## DRIVER

0433-01-39 DRIVER LED 18W PH.CUT CONFIG.350mA

## PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number                     | Dimming Type           |
|----------------------|----------------------------------|------------------------|
| Busch                | 2247U                            | Leading edge           |
| Busch                | 6523 U                           | Leading edge           |
| Legrand              | Cat 400T                         | Trailing edge          |
| Legrand              | 6708300%                         | Trailing edge          |
| Legrand              | 77006200%                        | Trailing edge          |
| NIKO                 | 310-01900                        | Trailing edge          |
| NIKO                 | 310-02700                        | Trailing edge          |
| NIKO                 | 310-02800                        | Trailing edge          |
| OSRAM                | MCU Te250                        | Trailing edge          |
| Siemens              | 5TC8 284                         | Trailing edge          |
| Diginet              | MEDM/LED Smart phase (DGLCDM400) | Trailing edge          |
| Clipsal              | 32ELED                           | Trailing edge          |
| Hager B&R            | WBMD400LED                       | Trailing edge          |
| V-PRO                | 250W MAX. GLS                    | Trailing edge          |
| SG                   | LEDDIM 400                       | Trailing edge          |
| ELKO                 | 316 GLED                         | Leading edge           |
| Hamilton             | LEDIT-B100                       | Trailing edge          |
| VLTIMATE             | GU6012L                          | Trailing edge          |
| SHUTTLE              | SDIM-T-LED500W                   | Leading edge           |
| RADIANT              | LEDDIMO4-500W                    | Trailing edge          |
| GIRA                 | 238500%                          | Trailing /Leading edge |
| JUNG                 | 122400%                          | Trailing /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            |       |       |       | ●     | ●          |

## LED de alta cromaticidad

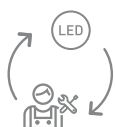
### Para presentación comercial de producto.

Arkoslight ofrece en algunos de sus productos la posibilidad de incorporar un LED especial, orientado a potenciar la promoción visual de bienes y productos con fines comerciales.

Se trata de un LED de alta cromaticidad, seleccionado para realzar los tonos que favorecen una percepción psicológica positiva del objeto iluminado.

Esta fuente de luz proporciona una paleta cromática más atractiva e intensa que la de un LED convencional. Esto se logra mediante una configuración específica del LED bajo un "parámetro especial de saturación", que permite que los colores y texturas de los objetos se perciban de forma más viva dentro del espectro visible.

Para ello, se eligen cuidadosamente el diodo y su fósforo de recubrimiento en función de cada aplicación.



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

