



Dimensiones



Accesorios



DRIVER OPTIONS

PRODUCTO

|            |                                |
|------------|--------------------------------|
| Nombre     | BUDDY L TW 1800K-4000K FLOOD N |
| Referencia | A5680137N                      |
| Color      | Negro Mate                     |
| RAL        | 9005                           |
| Categoría  | CEILING RECESSED               |

FUENTE DE LUZ

|                                  |                             |
|----------------------------------|-----------------------------|
| Tipo                             | LED                         |
| Flujo luminoso                   | 1270 lm                     |
| Temperatura de color             | Tunable White 1800 - 4000 K |
| Estabilidad cromática            | MacAdam Step 3              |
| Índice de reproducción cromática | CRI>90                      |
| Potencia                         | 11,6 W                      |
| Eficacia                         | 109 lm/W                    |
| Horas de vida del LED            | L80B10 >55.000h             |

LUMINARIA | DATOS FOTOMÉTRICOS

|                       |     |
|-----------------------|-----|
| Eficiencia lumínica   | 76% |
| Ángulo del haz de luz | 51° |

LUMINARIA | DATOS ELÉCTRICOS

|                              |          |
|------------------------------|----------|
| Driver                       | Excluido |
| Regulación                   | DALI     |
| Clase de seguridad eléctrica | II       |

OTROS DATOS

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| Estanqueidad             | IP54                                            |
| Control inalámbrico      | Consultar                                       |
| Medidas de empotramiento | Ø105 mm                                         |
| Peso                     | 315 g                                           |
| Peso con embalaje        | 436 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

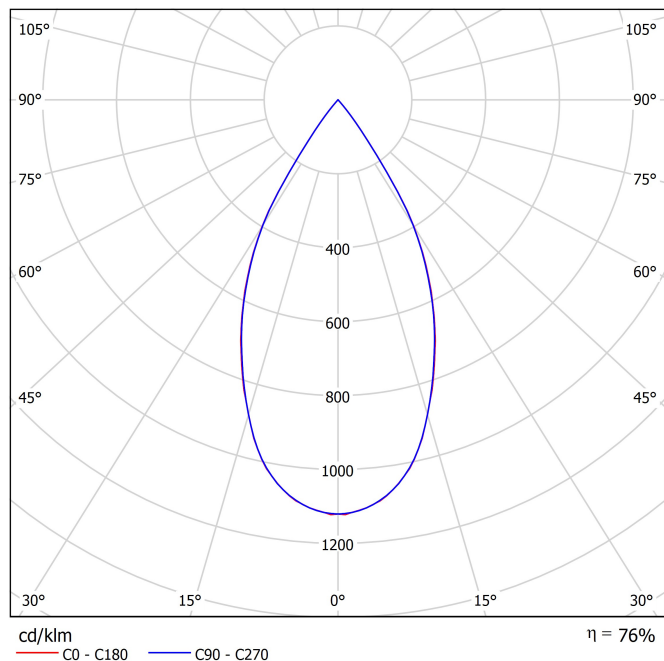
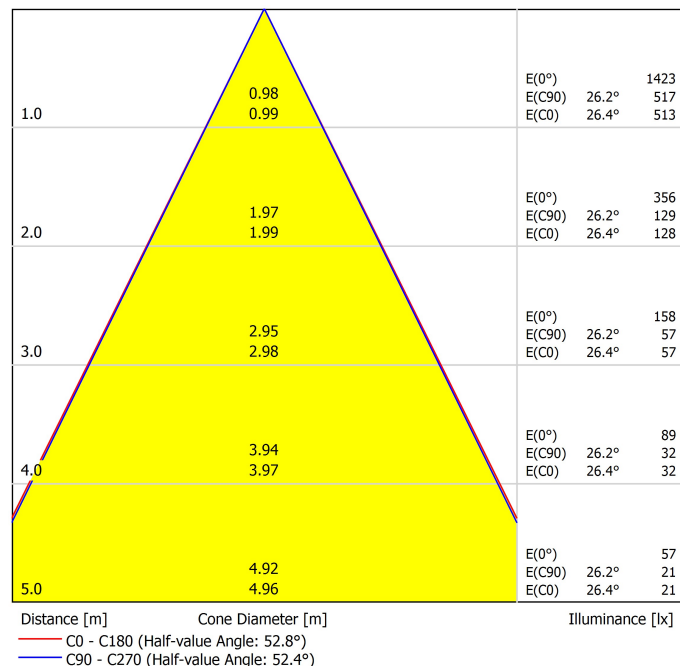


Diagrama cónico



UGR

| Glare Evaluation According to UGR                               |                                                                  |                                                   |       |       |       |       |                                            |       |       |       |       |  |
|-----------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|--|
| 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                                                               | -24.0                                             | -23.4 | -23.8 | -23.2 | -23.0 | -20.3                                      | -19.7 | -20.1 | -19.5 | -19.3 |  |
|                                                                 | 3H                                                               | -24.1                                             | -23.5 | -23.8 | -23.3 | -23.0 | -20.0                                      | -19.4 | -19.7 | -19.2 | -19.0 |  |
|                                                                 | 4H                                                               | -24.1                                             | -23.6 | -23.8 | -23.3 | -23.1 | -19.7                                      | -19.2 | -19.4 | -18.9 | -18.7 |  |
|                                                                 | 6H                                                               | -24.2                                             | -23.7 | -23.9 | -23.4 | -23.1 | -19.7                                      | -19.2 | -19.3 | -18.9 | -18.6 |  |
|                                                                 | 8H                                                               | -24.2                                             | -23.7 | -23.9 | -23.5 | -23.2 | -19.6                                      | -19.1 | -19.3 | -18.8 | -18.5 |  |
| 4H                                                              | 12H                                                              | -24.3                                             | -23.8 | -23.9 | -23.5 | -23.2 | -19.6                                      | -19.1 | -19.2 | -18.8 | -18.5 |  |
|                                                                 | 2H                                                               | -23.3                                             | -22.8 | -23.0 | -22.5 | -22.3 | -20.2                                      | -19.7 | -19.9 | -19.4 | -19.2 |  |
|                                                                 | 3H                                                               | -23.3                                             | -22.8 | -22.9 | -22.5 | -22.2 | -19.8                                      | -19.3 | -19.5 | -19.0 | -18.7 |  |
|                                                                 | 4H                                                               | -23.3                                             | -22.9 | -22.9 | -22.6 | -22.2 | -19.5                                      | -19.1 | -19.1 | -18.8 | -18.5 |  |
|                                                                 | 6H                                                               | -23.3                                             | -23.0 | -22.9 | -22.7 | -22.3 | -19.4                                      | -19.1 | -19.0 | -18.7 | -18.3 |  |
| 8H                                                              | 8H                                                               | -23.4                                             | -23.1 | -22.9 | -22.7 | -22.3 | -19.3                                      | -19.0 | -18.9 | -18.6 | -18.2 |  |
|                                                                 | 12H                                                              | -23.4                                             | -23.2 | -23.0 | -22.8 | -22.3 | -19.2                                      | -19.0 | -18.8 | -18.6 | -18.2 |  |
|                                                                 | 4H                                                               | -23.1                                             | -22.8 | -22.7 | -22.4 | -22.0 | -19.5                                      | -19.2 | -19.1 | -18.9 | -18.5 |  |
|                                                                 | 6H                                                               | -23.1                                             | -22.9 | -22.6 | -22.5 | -22.0 | -19.4                                      | -19.1 | -18.9 | -18.7 | -18.3 |  |
|                                                                 | 8H                                                               | -23.1                                             | -22.9 | -22.6 | -22.5 | -22.0 | -19.2                                      | -19.0 | -18.7 | -18.6 | -18.1 |  |
| 12H                                                             | 12H                                                              | -23.1                                             | -22.9 | -22.6 | -22.5 | -22.0 | -19.1                                      | -19.0 | -18.6 | -18.5 | -18.0 |  |
|                                                                 | 4H                                                               | -23.1                                             | -22.9 | -22.7 | -22.5 | -22.0 | -19.5                                      | -19.3 | -19.1 | -18.9 | -18.5 |  |
|                                                                 | 6H                                                               | -23.0                                             | -22.9 | -22.6 | -22.4 | -22.0 | -19.4                                      | -19.2 | -18.9 | -18.8 | -18.3 |  |
|                                                                 | 8H                                                               | -23.0                                             | -22.8 | -22.5 | -22.4 | -21.9 | -19.2                                      | -19.1 | -18.7 | -18.6 | -18.1 |  |
|                                                                 | Variation of the observer position for the luminaire distances S |                                                   |       |       |       |       |                                            |       |       |       |       |  |
| S = 1.0H                                                        |                                                                  | +6.6 / -36.9                                      |       |       |       |       | +6.6 / -33.3                               |       |       |       |       |  |
| S = 1.5H                                                        |                                                                  | +9.4 / -41.0                                      |       |       |       |       | +9.4 / -35.0                               |       |       |       |       |  |
| S = 2.0H                                                        |                                                                  | +11.4 / -43.6                                     |       |       |       |       | +11.4 / -36.9                              |       |       |       |       |  |
| Standard table                                                  |                                                                  | BK00                                              |       |       |       |       | BK00                                       |       |       |       |       |  |
| Correction<br>Summand                                           |                                                                  | -5.0                                              |       |       |       |       | -5.1                                       |       |       |       |       |  |
| Corrected Glare Indices referring to 1270lm 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 |
|                          |  DALI      | 0433-01-40 |                    |       | 3000K      | 2090lm |
|                          |  CASAMBI   | 0433-01-43 |                    |       | 3500K      | 2120lm |
|                          |  PHASE CUT | 0433-01-39 |                    |       | 4000K      | 2120lm |
| BUDDY L<br>Super Spot    |  NO DIM    | 0433-01-38 | 11,6W              | 650mA | 2700K      | 1430lm |
|                          |  DALI      | 0433-01-41 |                    |       | 3000K      | 1510lm |
|                          |  CASAMBI   | 0434-01-98 |                    |       | 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<br>(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



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

