



## Dimensiones



## Accesorios



DRIVER OPTIONS

## PRODUCTO

|            |                                      |
|------------|--------------------------------------|
| Nombre     | BUDDY SURFACE TW 1800K-4000K SPOT WT |
| Referencia | A5940117WT                           |
| Color      | Blanco Texturado - Negro             |
| RAL        | 9016                                 |
| Categoría  | SURFACE                              |

## FUENTE DE LUZ

|                                  |                             |
|----------------------------------|-----------------------------|
| Tipo                             | LED                         |
| Flujo luminoso                   | 860 lm                      |
| Temperatura de color             | Tunable White 1800 - 4000 K |
| Estabilidad cromática            | MacAdam Step 3              |
| Índice de reproducción cromática | CRI > 90                    |
| Potencia                         | 8,5 W                       |
| Corriente                        | 500 mA                      |
| Eficacia                         | 101 lm/W                    |
| Horas de vida del LED            | L80B10 > 55.000h            |
| Eficiencia energética            | F                           |

## LUMINARIA | DATOS FOTOMÉTRICOS

|                       |      |
|-----------------------|------|
| Eficiencia lumínica   | 75%  |
| Ángulo del haz de luz | 28°  |
| UGR                   | < 19 |

## LUMINARIA | DATOS ELÉCTRICOS

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

## OTROS DATOS

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Estanqueidad          | IP20                                            |
| Control inalámbrico   | Consultar                                       |
| Peso                  | 285 g                                           |
| Peso con embalaje     | 350 g                                           |
| Dimensiones embalaje  | 111 x 104 x 95 mm                               |
| Unidades por embalaje | 1                                               |
| Materiales            | Aluminio / Policarbonato / Polimetilmetacrilato |



Buddy está disponible como downlight de superficie, destacando por su reducido tamaño y posibilitando su aplicación sobre todo tipo de materiales. Todas las virtudes de este foco compacto y poderoso son posibles en su versión recessed, trimless y surface: LED de alta eficiencia energética, opción Tunable White 1800K - 4000K o 2700K - 5000K, opción Dim to Warm 1800K - 3000K, ópticas flood, medium, spot, superspot, UGR < 19. Una familia para tenerlo todo, diseñada por Rubén Saldaña.

Diagrama polar

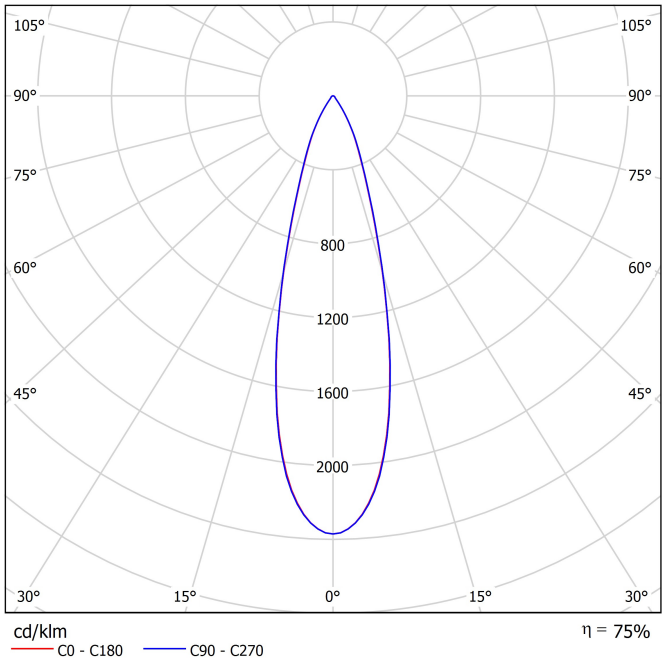
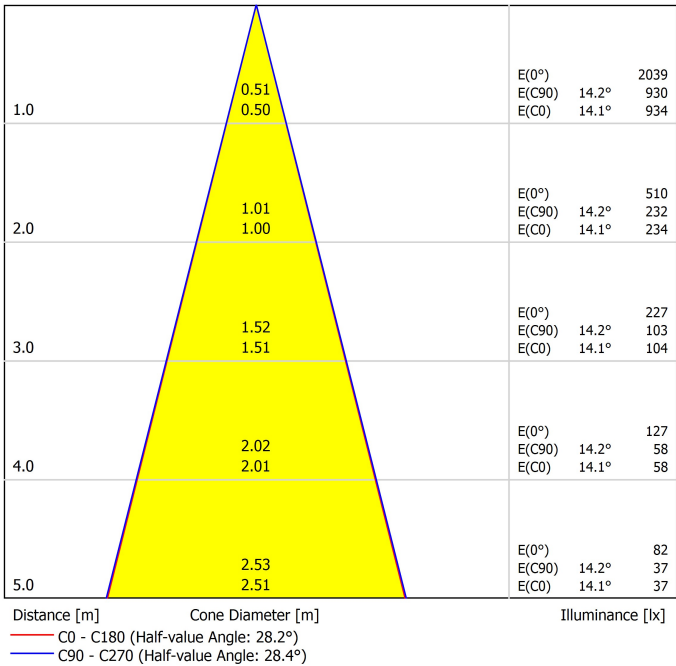


Diagrama cónico



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  | 10.0                                              | 10.7 | 10.3 | 10.9 | 11.1 | 10.1                                       | 10.8 | 10.3 | 10.9 | 11.1 |  |
|                                                                  | 3H  | 11.7                                              | 12.4 | 12.0 | 12.6 | 12.8 | 11.8                                       | 12.4 | 12.0 | 12.6 | 12.9 |  |
|                                                                  | 4H  | 12.4                                              | 13.0 | 12.7 | 13.2 | 13.5 | 12.4                                       | 13.0 | 12.7 | 13.3 | 13.5 |  |
|                                                                  | 6H  | 12.9                                              | 13.4 | 13.2 | 13.7 | 14.0 | 12.9                                       | 13.5 | 13.2 | 13.7 | 14.0 |  |
|                                                                  | 8H  | 13.1                                              | 13.6 | 13.4 | 13.9 | 14.2 | 13.1                                       | 13.6 | 13.4 | 13.9 | 14.2 |  |
|                                                                  | 12H | 13.2                                              | 13.7 | 13.6 | 14.0 | 14.3 | 13.2                                       | 13.7 | 13.6 | 14.0 | 14.3 |  |
| 4H                                                               | 2H  | 10.6                                              | 11.2 | 10.9 | 11.5 | 11.7 | 10.6                                       | 11.2 | 10.9 | 11.5 | 11.7 |  |
|                                                                  | 3H  | 12.5                                              | 13.0 | 12.9 | 13.3 | 13.6 | 12.5                                       | 13.0 | 12.9 | 13.3 | 13.7 |  |
|                                                                  | 4H  | 13.3                                              | 13.8 | 13.7 | 14.1 | 14.4 | 13.3                                       | 13.8 | 13.7 | 14.1 | 14.4 |  |
|                                                                  | 6H  | 13.9                                              | 14.3 | 14.3 | 14.7 | 15.0 | 14.0                                       | 14.3 | 14.4 | 14.7 | 15.1 |  |
|                                                                  | 8H  | 14.2                                              | 14.5 | 14.6 | 14.9 | 15.3 | 14.2                                       | 14.5 | 14.6 | 14.9 | 15.3 |  |
|                                                                  | 12H | 14.4                                              | 14.7 | 14.8 | 15.1 | 15.5 | 14.4                                       | 14.7 | 14.8 | 15.1 | 15.5 |  |
| 8H                                                               | 4H  | 13.6                                              | 13.9 | 14.0 | 14.3 | 14.7 | 13.6                                       | 13.9 | 14.0 | 14.3 | 14.7 |  |
|                                                                  | 6H  | 14.4                                              | 14.6 | 14.8 | 15.0 | 15.5 | 14.4                                       | 14.6 | 14.8 | 15.1 | 15.5 |  |
|                                                                  | 8H  | 14.7                                              | 14.9 | 15.2 | 15.3 | 15.8 | 14.7                                       | 14.9 | 15.2 | 15.4 | 15.8 |  |
|                                                                  | 12H | 15.0                                              | 15.1 | 15.5 | 15.6 | 16.1 | 15.0                                       | 15.2 | 15.5 | 15.6 | 16.1 |  |
| 12H                                                              | 4H  | 13.6                                              | 13.9 | 14.1 | 14.3 | 14.7 | 13.6                                       | 13.9 | 14.1 | 14.3 | 14.7 |  |
|                                                                  | 6H  | 14.4                                              | 14.6 | 14.9 | 15.1 | 15.6 | 14.5                                       | 14.7 | 14.9 | 15.1 | 15.6 |  |
|                                                                  | 8H  | 14.8                                              | 15.0 | 15.3 | 15.4 | 15.9 | 14.8                                       | 15.0 | 15.3 | 15.5 | 15.9 |  |
| Variation of the observer position for the luminaire distances S |     |                                                   |      |      |      |      |                                            |      |      |      |      |  |
| S = 1.0H                                                         |     | +2.0 / -0.8                                       |      |      |      |      | +2.1 / -0.8                                |      |      |      |      |  |
| S = 1.5H                                                         |     | +3.7 / -1.0                                       |      |      |      |      | +3.9 / -1.0                                |      |      |      |      |  |
| S = 2.0H                                                         |     | +5.3 / -1.4                                       |      |      |      |      | +5.5 / -1.4                                |      |      |      |      |  |
| Standard table                                                   |     | BK04                                              |      |      |      |      | BK04                                       |      |      |      |      |  |
| Correction<br>Summand                                            |     | -2.8                                              |      |      |      |      | -2.8                                       |      |      |      |      |  |
| Corrected Glare Indices referring to 860lm Total Luminous Flux   |     |                                                   |      |      |      |      |                                            |      |      |      |      |  |



| DRIVER OPTIONS                                                                           |            | P    | I     | CCT        | Flux    |
|------------------------------------------------------------------------------------------|------------|------|-------|------------|---------|
|  DALI | 0434-01-96 | 8,5W | 500mA | 1800-4000K | 860 lm  |
|                                                                                          |            |      |       | 2700-5000K | 1030 lm |
| 220<br>240 V~                                                                            |            |      |       |            |         |



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

