



GRÖÖE



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|---------------|---|
| Name | BLACK FOSTER S RECESSED 2 FLOOD DIM PH.CUT 2700K WN |
| Artikelnummer | A4842510WN |
| Farbe | Weiß-Schwarz |
| RAL | Farbe in der Serie ähnlich RAL 9016 & 9005 |
| Kategorie | CEILING RECESSED |

| | |
|--|-------------------|
| Typ | LED |
| Bruttolichtstrom | 1280 lm |
| Farbtemperatur | 2700 K |
| Farbstabilität | MacAdam Step 2 |
| Farbwiedergabeindex | CRI > 90 |
| Leistung | 12 W |
| Stromstärke | 500 mA |
| Lichtausbeute | 107 lm/W |
| Nutzlebensdauer der LED in Betriebsstunden | L90B10 > 102.000h |

LICHTQUELLE

| | |
|----------------------------|-----|
| Leuchtenwirkungsgrad (LOR) | 89% |
| Abstrahlwinkel | 40° |

LEUCHE | PHOTOMETRISCHE DATEN

| | |
|----------------------------|--------------------------|
| Driver | Inklusiv - Angeschlossen |
| Leistungswerte des Systems | 14,39 W |
| Spannung | 220V/240V |
| Frequenz | 50/60 Hz |
| Helligkeitssteuerung | Phasen-Dimmung |
| Schutzklasse | <input type="checkbox"/> |

LEUCHE | ELEKTRISCHE DATEN

| | |
|----------------------------|-------------------|
| Dichtigkeit | IP20 |
| Wireless control | Bitte anfragen |
| Notstromaggregat | Bitte anfragen |
| Gewicht | 475 g |
| Gewicht inkl. Verpackung | 600 g |
| Abmessungen der Verpackung | 180 x 128 x 78 mm |

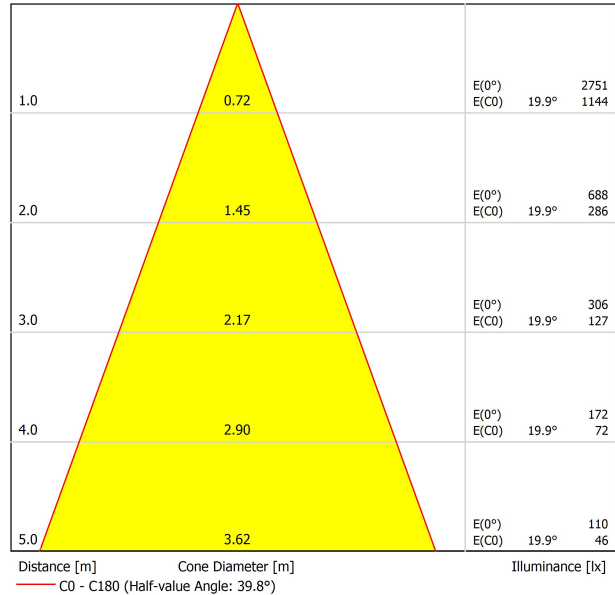
ANDERE DATEN

Diese neue Version erweitert die Produktfamilie Black Foster unter Beibehaltung der Merkmale wie Reinheit, Leichtigkeit und Diskretion, die für ihr Design und die Technologie „The Invisible Black“ typisch sind. Sie ist etwas größer als das Original, hat einen höheren Lichtstrom und ist zur Unterputzinstallation und als randlose Version erhältlich.

POLAR-KOORDINATEN DIAGRAMM



KEGELDIAGRAMM



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 X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | -2.3 | -1.7 | -2.0 | -1.5 | -1.3 | -2.1 | -1.5 | -1.9 | -1.3 | -1.1 |
| | 3H | 1.0 | 1.6 | 1.3 | 1.8 | 2.0 | 1.3 | 1.9 | 1.6 | 2.1 | 2.3 |
| | 4H | 3.1 | 3.6 | 3.4 | 3.9 | 4.1 | 3.3 | 3.8 | 3.6 | 4.1 | 4.3 |
| | 6H | 5.2 | 5.7 | 5.5 | 5.9 | 6.2 | 5.4 | 5.9 | 5.7 | 6.2 | 6.5 |
| | 8H | 6.2 | 6.6 | 6.5 | 6.9 | 7.2 | 6.6 | 7.1 | 6.9 | 7.4 | 7.7 |
| | 12H | 7.6 | 8.0 | 7.9 | 8.3 | 8.6 | 8.0 | 8.4 | 8.3 | 8.7 | 9.0 |
| 4H | 2H | -1.3 | -0.8 | -1.0 | -0.5 | -0.3 | -1.2 | -0.7 | -0.9 | -0.4 | -0.2 |
| | 3H | 2.4 | 2.8 | 2.7 | 3.1 | 3.4 | 2.6 | 3.0 | 2.9 | 3.3 | 3.6 |
| | 4H | 4.5 | 4.9 | 4.9 | 5.2 | 5.6 | 4.7 | 5.1 | 5.1 | 5.4 | 5.7 |
| | 6H | 6.8 | 7.1 | 7.2 | 7.5 | 7.8 | 7.0 | 7.3 | 7.4 | 7.7 | 8.1 |
| | 8H | 7.9 | 8.2 | 8.3 | 8.6 | 9.0 | 8.3 | 8.6 | 8.7 | 9.0 | 9.4 |
| | 12H | 9.4 | 9.7 | 9.9 | 10.1 | 10.5 | 9.8 | 10.1 | 10.2 | 10.5 | 10.9 |
| 8H | 4H | 5.4 | 5.7 | 5.8 | 6.1 | 6.5 | 5.5 | 5.8 | 5.9 | 6.2 | 6.6 |
| | 6H | 7.9 | 8.1 | 8.4 | 8.5 | 9.0 | 8.1 | 8.3 | 8.6 | 8.7 | 9.2 |
| | 8H | 9.2 | 9.4 | 9.7 | 9.8 | 10.3 | 9.5 | 9.7 | 10.0 | 10.2 | 10.6 |
| | 12H | 10.9 | 11.1 | 11.4 | 11.5 | 12.0 | 11.3 | 11.4 | 11.8 | 11.9 | 12.4 |
| 12H | 4H | 5.7 | 5.9 | 6.1 | 6.3 | 6.7 | 5.8 | 6.0 | 6.2 | 6.4 | 6.8 |
| | 6H | 8.3 | 8.4 | 8.7 | 8.9 | 9.3 | 8.4 | 8.6 | 8.9 | 9.0 | 9.5 |
| | 8H | 9.7 | 9.8 | 10.2 | 10.3 | 10.8 | 10.0 | 10.1 | 10.5 | 10.6 | 11.1 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +1.4 / -0.5 | | | | | +1.2 / -0.4 | | | | |
| S = 1.5H | | +2.8 / -0.7 | | | | | +2.6 / -0.7 | | | | |
| S = 2.0H | | +4.3 / -1.0 | | | | | +4.0 / -1.0 | | | | |
| Standard table Correction Summand | | --- | | | | | --- | | | | |
| Corrected Glare Indices referring to 1280lm Total Luminous Flux | | | | | | | | | | | |



DRIVER

| | |
|------------|----------------------------|
| 0000-94-45 | DRIVER PHASE CUT 15W 500mA |
|------------|----------------------------|

PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

| Brand / Manufacturer | Model number | Dimming Type |
|----------------------|--------------------------|---------------|
| Berker | 2874 | Trailing edge |
| Busch-Jaeger | 6513 U-102 | Trailing edge |
| Busch-Jaeger | 6523 U-102 | Trailing edge |
| Busch-Jaeger | 6523 UR-103 | Trailing edge |
| Clipsal | 32E450UDM | Trailing edge |
| Egant | U327 | Trailing edge |
| Etman | ETM321P | Trailing edge |
| Etman | ETM322P | Trailing edge |
| HZC Electric | AU-P3 | Trailing edge |
| Jung | 225 TDE | Trailing edge |
| Jung | LB-Management | Trailing edge |
| Legrand HPM | CAT400T | Trailing edge |
| Merten | SBD200LED (MEG5134-0000) | Trailing edge |
| Niko | 310-0190X | Trailing edge |
| Schneider | CCTSE12011 | Trailing edge |
| Schneider | SBD315RC | Trailing edge |
| Casambi | CBU-TED | Trailing 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 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

