



DIMENSIONS



Name	BLACK FOSTER S RECESSED 1 FLOOD DIM DALI 4000K WN
Reference	A4841212WN
Color	White-Black
RAL	Colour in the mass looks alike RAL 9016 & 9005
Category	CEILING RECESSED

Type	LED
Gross luminous flux	720 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	6 W
Current	500 mA
Efficacy	120 lm/W
LED lifespan	L90B10 > 102.000h

Lighting efficiency	89%
Light beam angle	40°

Driver	Included - Connected
Power values of the system	7,98 W
Frequency	50/60 Hz
Dimming	DALI
Electrical insulation class	□

Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	70 x 70 mm
Weight	310 g
Packaged weight	435 g
Packaging dimensions	180 x 128 x 78 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

PRODUCT

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LIGHT SOURCE

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LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	89%
Light beam angle	40°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Connected
Power values of the system	7,98 W
Frequency	50/60 Hz
Dimming	DALI
Electrical insulation class	□

OTHER DATA

Sealing	IP20
Wireless control	Please Consult
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This new version joins to the Black Foster family, with the same features of purity, lightness and discreetness inherent to its design and "The Invisible Black" technology. With a size slightly larger than the original, this luminaire has a greater luminous flux. Available in Recessed and trimless versions.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR													
ρ Ceiling		70	70	50	50	30	30	70	70	50	50	30	30
ρ Walls		50	30	50	30	30	30	50	30	50	30	30	30
ρ Floor		20	20	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	-4.3	-3.7	-4.0	-3.5	-3.3	-4.1	-3.5	-3.9	-3.3	-3.1		
	3H	-1.0	-0.4	-0.7	-0.2	0.0	-0.7	-0.1	-0.4	0.1	0.3		
	4H	1.1	1.6	1.4	1.9	2.1	1.3	1.8	1.6	2.1	2.3		
	6H	3.2	3.7	3.5	3.9	4.2	3.4	3.9	3.7	4.2	4.5		
	8H	4.2	4.6	4.5	4.9	5.2	4.6	5.1	4.9	5.4	5.7		
4H	12H	5.6	6.0	5.9	6.3	6.6	6.0	6.4	6.3	6.7	7.0		
	2H	-3.3	-2.8	-3.0	-2.5	-2.3	-3.2	-2.7	-2.9	-2.4	-2.2		
	3H	0.4	0.8	0.7	1.1	1.4	0.6	1.0	0.9	1.3	1.6		
	4H	2.5	2.9	2.9	3.2	3.6	2.7	3.1	3.1	3.4	3.7		
	6H	4.8	5.1	5.2	5.5	5.8	5.0	5.3	5.4	5.7	6.1		
8H	8H	5.9	6.2	6.3	6.6	7.0	6.3	6.6	6.7	7.0	7.4		
	12H	7.4	7.7	7.9	8.1	8.5	7.8	8.1	8.2	8.5	8.9		
	4H	3.4	3.7	3.8	4.1	4.5	3.5	3.8	3.9	4.2	4.6		
	6H	5.9	6.1	6.4	6.5	7.0	6.1	6.3	6.6	6.8	7.2		
	8H	7.2	7.4	7.7	7.8	8.3	7.5	7.7	8.0	8.2	8.6		
12H	12H	8.9	9.1	9.4	9.5	10.0	9.3	9.4	9.8	9.9	10.4		
	4H	3.7	3.9	4.1	4.3	4.7	3.8	4.0	4.2	4.4	4.8		
	6H	6.3	6.4	6.7	6.9	7.3	6.4	6.6	6.9	7.0	7.5		
8H	7.7	7.8	8.2	8.3	8.8	8.0	8.1	8.5	8.6	9.1			
Variation of the observer position for the luminaires 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 720lm Total Luminous Flux



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

