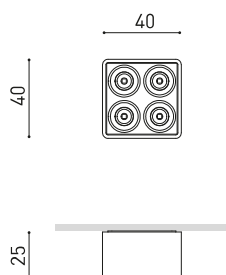




DIMENSIONS



ACCESSOIRES



DRIVER OPTIONS

PRIX

reddot winner 2023
lighting design

PRODUIT

Nom	BLACK FOSTER MICRO SURFACE 2X2 4000K WT
Référence	A4593002WT
Couleur	Blanc Texturé
RAL	9016
Catégorie	SURFACE

SOURCE DE LUMIÈRE

Type	LED
Flux lumineux brut	680 lm
Température de couleur	4000 K
Stabilité chromatique	MacAdam Step 3
Indice de reproduction chromatique	CRI > 90
Puissance	5,6 W
Courant	500 mA
Efficacité	121 lm/W
Durée de vie de la LED	L90B10 > 60.000h

LUMINAIRE | DONNÉES PHOTOMÉTRIQUES

Efficacité lumineuse	87%
Angle du faisceau lumineux	37°

LUMINAIRE | DONNÉES ÉLECTRIQUES

Driver	Exclu: Doit être déporté
Variation d'intensité	Non Dim / DALI
Classe d'isolation électrique	II

D'AUTRES DONNÉES

Étanchéité	IP20
Contrôle sans fil	Veuillez consulter
Poids	60 g
Poids avec emballage	100 g
Dimensions de l'emballage	122x85x31 mm
Unités par emballage	1
Matériaux	Aluminium / Acrylonitrile Butadiène Styrène / Polycarbonate



Black Foster Micro Surface acquiert une présence légère dans le design d'intérieur grâce à sa petite taille et à son très faible éblouissement, ce qui lui permet de ne pas acquérir trop de visibilité. Ce downlight garde un haut niveau de blindage, portant le confort lumineux à un autre niveau en termes de miniaturisation.

DIAGRAMME POLAIRE

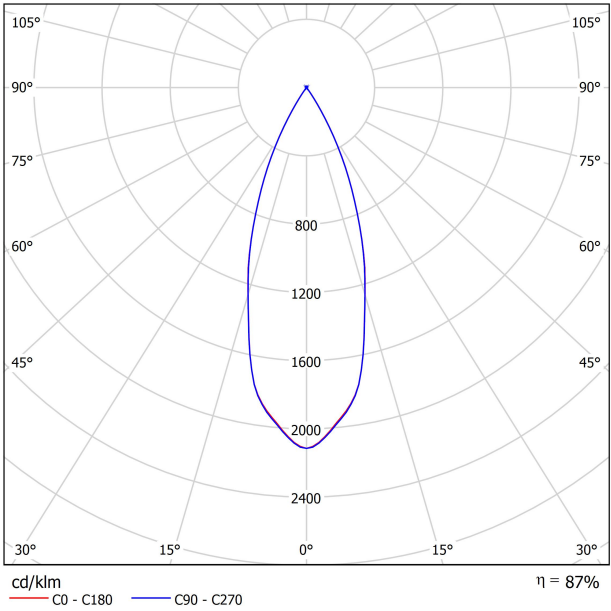
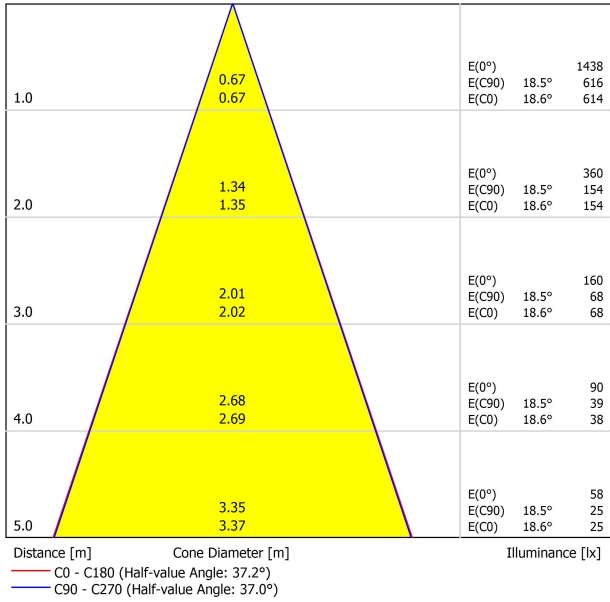
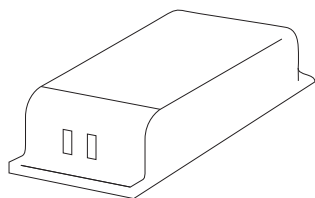


DIAGRAMME CONIQUE



UGR

Glare Evaluation According to UGR												
		70	70	50	50	30	70	70	50	50	30	30
p Ceiling		70	70	50	50	30	70	70	50	50	30	30
p Walls		50	30	50	30	30	50	30	50	30	30	30
p Floor		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 <td>-4.0</td> <td>-3.4</td> <td>-3.7</td> <td>-3.2</td> <td>-3.0</td> <td>-4.7</td> <td>-4.0</td> <td>-4.4</td> <td>-3.8</td> <td>-3.6</td> <td>-3.6</td>	-4.0	-3.4	-3.7	-3.2	-3.0	-4.7	-4.0	-4.4	-3.8	-3.6	-3.6
	3H <td>-0.9</td> <td>-0.3</td> <td>-0.6</td> <td>-0.1</td> <td>0.2</td> <td>-0.8</td> <td>-0.2</td> <td>-0.5</td> <td>0.0</td> <td>0.2</td> <td>0.2</td>	-0.9	-0.3	-0.6	-0.1	0.2	-0.8	-0.2	-0.5	0.0	0.2	0.2
	4H <td>0.8</td> <td>1.3</td> <td>1.1</td> <td>1.6</td> <td>1.9</td> <td>1.2</td> <td>1.7</td> <td>1.5</td> <td>2.0</td> <td>2.3</td> <td>2.1</td>	0.8	1.3	1.1	1.6	1.9	1.2	1.7	1.5	2.0	2.3	2.1
	6H <td>3.1</td> <td>3.6</td> <td>3.4</td> <td>3.8</td> <td>4.1</td> <td>3.3</td> <td>3.8</td> <td>3.7</td> <td>4.1</td> <td>4.4</td> <td>4.4</td>	3.1	3.6	3.4	3.8	4.1	3.3	3.8	3.7	4.1	4.4	4.4
	8H <td>4.3</td> <td>4.8</td> <td>4.6</td> <td>5.0</td> <td>5.3</td> <td>4.4</td> <td>4.8</td> <td>4.7</td> <td>5.1</td> <td>5.4</td> <td>5.4</td>	4.3	4.8	4.6	5.0	5.3	4.4	4.8	4.7	5.1	5.4	5.4
4H	12H <td>5.4</td> <td>5.9</td> <td>5.8</td> <td>6.2</td> <td>6.5</td> <td>5.5</td> <td>5.9</td> <td>5.8</td> <td>6.2</td> <td>6.5</td> <td>6.5</td>	5.4	5.9	5.8	6.2	6.5	5.5	5.9	5.8	6.2	6.5	6.5
	2H <td>-3.1</td> <td>-2.6</td> <td>-2.8</td> <td>-2.3</td> <td>-2.1</td> <td>-3.6</td> <td>-3.1</td> <td>-3.3</td> <td>-2.8</td> <td>-2.6</td> <td>-2.6</td>	-3.1	-2.6	-2.8	-2.3	-2.1	-3.6	-3.1	-3.3	-2.8	-2.6	-2.6
	3H <td>0.3</td> <td>0.8</td> <td>0.7</td> <td>1.1</td> <td>1.4</td> <td>0.4</td> <td>0.8</td> <td>0.7</td> <td>1.1</td> <td>1.4</td> <td>1.4</td>	0.3	0.8	0.7	1.1	1.4	0.4	0.8	0.7	1.1	1.4	1.4
	4H <td>2.2</td> <td>2.6</td> <td>2.6</td> <td>2.9</td> <td>3.2</td> <td>2.6</td> <td>3.0</td> <td>2.9</td> <td>3.3</td> <td>3.6</td> <td>3.6</td>	2.2	2.6	2.6	2.9	3.2	2.6	3.0	2.9	3.3	3.6	3.6
	6H <td>4.7</td> <td>5.0</td> <td>5.1</td> <td>5.4</td> <td>5.7</td> <td>4.9</td> <td>5.3</td> <td>5.3</td> <td>5.6</td> <td>6.0</td> <td>6.0</td>	4.7	5.0	5.1	5.4	5.7	4.9	5.3	5.3	5.6	6.0	6.0
8H	8H <td>6.0</td> <td>6.3</td> <td>6.4</td> <td>6.7</td> <td>7.1</td> <td>6.0</td> <td>6.3</td> <td>6.5</td> <td>6.7</td> <td>7.1</td> <td>7.1</td>	6.0	6.3	6.4	6.7	7.1	6.0	6.3	6.5	6.7	7.1	7.1
	12H <td>7.2</td> <td>7.5</td> <td>7.7</td> <td>7.9</td> <td>8.3</td> <td>7.3</td> <td>7.5</td> <td>7.7</td> <td>7.9</td> <td>8.3</td> <td>8.3</td>	7.2	7.5	7.7	7.9	8.3	7.3	7.5	7.7	7.9	8.3	8.3
	4H <td>3.1</td> <td>3.3</td> <td>3.5</td> <td>3.7</td> <td>4.1</td> <td>3.3</td> <td>3.6</td> <td>3.8</td> <td>4.0</td> <td>4.4</td> <td>4.4</td>	3.1	3.3	3.5	3.7	4.1	3.3	3.6	3.8	4.0	4.4	4.4
	6H <td>5.7</td> <td>5.9</td> <td>6.2</td> <td>6.4</td> <td>6.8</td> <td>6.0</td> <td>6.2</td> <td>6.4</td> <td>6.6</td> <td>7.0</td> <td>7.0</td>	5.7	5.9	6.2	6.4	6.8	6.0	6.2	6.4	6.6	7.0	7.0
	8H <td>7.2</td> <td>7.4</td> <td>7.7</td> <td>7.8</td> <td>8.3</td> <td>7.2</td> <td>7.4</td> <td>7.7</td> <td>7.8</td> <td>8.3</td> <td>8.3</td>	7.2	7.4	7.7	7.8	8.3	7.2	7.4	7.7	7.8	8.3	8.3
12H	12H <td>8.7</td> <td>8.8</td> <td>9.1</td> <td>9.3</td> <td>9.7</td> <td>8.6</td> <td>8.8</td> <td>9.1</td> <td>9.2</td> <td>9.7</td> <td>9.7</td>	8.7	8.8	9.1	9.3	9.7	8.6	8.8	9.1	9.2	9.7	9.7
	4H <td>3.3</td> <td>3.6</td> <td>3.8</td> <td>4.0</td> <td>4.4</td> <td>3.6</td> <td>3.8</td> <td>4.0</td> <td>4.2</td> <td>4.6</td> <td>4.6</td>	3.3	3.6	3.8	4.0	4.4	3.6	3.8	4.0	4.2	4.6	4.6
	6H <td>6.1</td> <td>6.2</td> <td>6.5</td> <td>6.7</td> <td>7.1</td> <td>6.3</td> <td>6.4</td> <td>6.7</td> <td>6.9</td> <td>7.3</td> <td>7.3</td>	6.1	6.2	6.5	6.7	7.1	6.3	6.4	6.7	6.9	7.3	7.3
	8H <td>7.6</td> <td>7.8</td> <td>8.1</td> <td>8.2</td> <td>8.7</td> <td>7.6</td> <td>7.8</td> <td>8.1</td> <td>8.2</td> <td>8.7</td> <td>8.7</td>	7.6	7.8	8.1	8.2	8.7	7.6	7.8	8.1	8.2	8.7	8.7
Variation of the observer position for the luminaires distances S												
S = 1.0H		+6.0 / -4.4					+6.0 / -4.3					
S = 1.5H		+8.8 / -4.8					+8.7 / -4.7					
S = 2.0H		+10.8 / -5.4					+10.8 / -5.0					
Standard table		BK01					BK01					
Correction Summand		-4.5					-4.6					
Corrected Glare Indices referring to 680lm Total Luminous Flux												



DRIVER OPTIONS*		Black Foster Micro Surface 5	Black Foster Micro Surface 2x2	Black Foster Micro Surface 3x3
 NO DIM	0434-00-42	1 to 2	1 to 3	
	0434-01-53			1
 DIM DALI	0434-00-44	1 to 2	1 to 3	
	0434-01-54			1

220
240 V~

* Driver must be placed on remote



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

