



DIMENSIONES



ACCESORIOS



HIGH CHROMATIC LED

PREMIOS

DESIGN PLUS
2012 AWARD



Nombre	LEX 1 4000K N
Referencia	A0700102N
Color	Matt black
RAL	9005
Categoría	CEILING RECESSED

PRODUCTO

Tipo	LED
Flujo Luminoso	1440 lm
Temperatura de color	4000 K
Estabilidad cromática	MacAdam Step 2
Índice de reproducción cromática	CRI > 90
Potencia	10 W
Corriente	300 mA
Eficacia	144 lm/W
Horas de Vida del LED	L90B10 > 55.000h

FUENTE DE LUZ

Eficiencia Lumínica	60%
Ángulo del haz de luz	71°

LUMINARIA | DATOS FOTOMÉTRICOS

Driver	Included - Connected
Potencia del sistema	11,98 W
Tensión	220V/240V
Frecuencia	50/60 Hz
Regulación	No Dim
Clase de seguridad eléctrica	<input type="checkbox"/>

LUMINARIA | DATOS ELÉCTRICOS

Estanqueidad	IP20
Control inalámbrico	Please Consult
Alimentación de emergencia	Please Consult
Medidas de empotramiento	Ø140 mm
Peso	550 g
Peso con embalaje	780 g
Dimensiones embalaje	240 x 212 x 163 mm
Unidades por embalaje	1
Materiales	Aluminium / Polycarbonate

OTROS DATOS



Lex is a ceiling recessed downlight with COB LED and without diffuser, which makes it a very distinct luminaire. As the location of its LED is set back, Lex achieves great visual comfort. Its matte finish shade fosters this aspect and offers elegant aesthetics.

DIAGRAMA POLAR

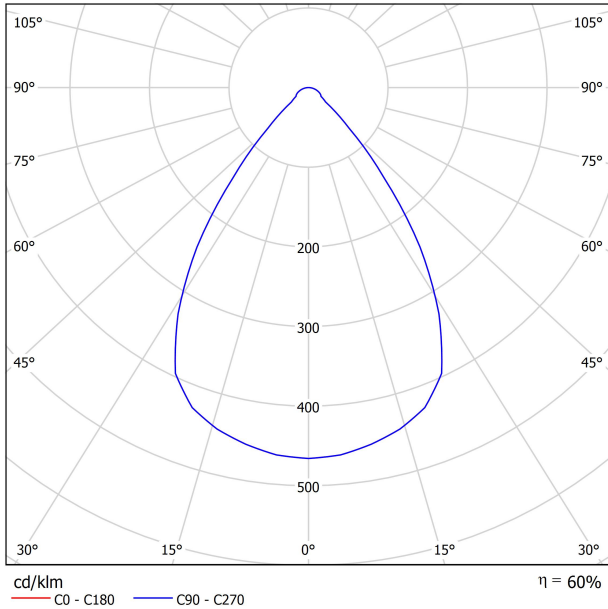
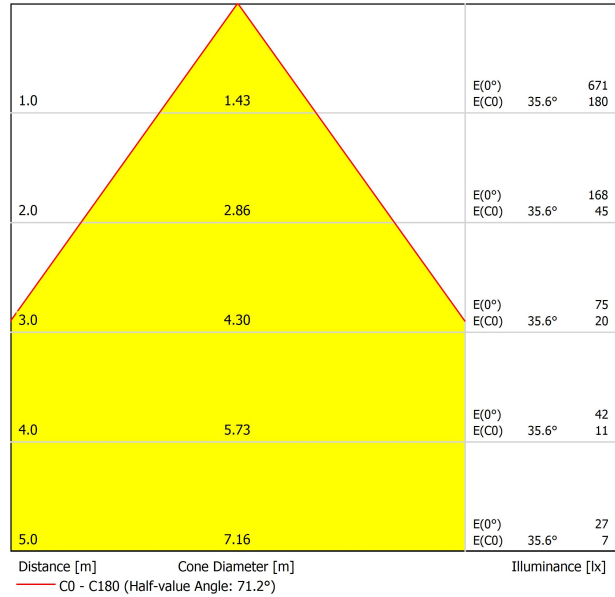


DIAGRAMA CÓNICO



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 X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	11.0	11.8	11.2	12.0	12.2	11.0	11.8	11.2	12.0	12.2
	3H	13.1	13.8	13.4	14.1	14.3	13.1	13.8	13.4	14.1	14.3
	4H	13.9	14.6	14.2	14.8	15.1	13.9	14.6	14.2	14.8	15.1
	6H	14.5	15.2	14.8	15.4	15.7	14.5	15.2	14.8	15.4	15.7
	8H	14.7	15.3	15.1	15.6	15.9	14.7	15.3	15.1	15.6	15.9
4H	12H	14.9	15.5	15.2	15.8	16.1	14.9	15.5	15.2	15.8	16.1
	2H	11.7	12.4	12.0	12.7	12.9	11.7	12.4	12.0	12.7	12.9
	3H	14.0	14.6	14.4	14.9	15.2	14.0	14.6	14.4	14.9	15.2
	4H	14.9	15.5	15.3	15.8	16.1	14.9	15.5	15.3	15.8	16.1
	6H	15.7	16.1	16.1	16.5	16.9	15.7	16.1	16.1	16.5	16.9
8H	8H	16.0	16.3	16.4	16.7	17.1	16.0	16.3	16.4	16.7	17.1
	12H	16.1	16.5	16.6	16.9	17.3	16.1	16.5	16.6	16.9	17.3
	4H	15.3	15.7	15.7	16.1	16.5	15.3	15.7	15.7	16.1	16.5
12H	6H	16.2	16.5	16.6	16.9	17.4	16.2	16.5	16.6	16.9	17.4
	8H	16.5	16.8	17.0	17.2	17.7	16.5	16.8	17.0	17.2	17.7
	12H	16.8	17.0	17.3	17.5	18.0	16.8	17.0	17.3	17.5	18.0
12H	4H	15.3	15.7	15.8	16.1	16.5	15.3	15.7	15.8	16.1	16.5
	6H	16.3	16.5	16.7	17.0	17.4	16.3	16.5	16.7	17.0	17.4
	8H	16.7	16.9	17.1	17.3	17.8	16.7	16.9	17.1	17.3	17.8
Variation of the observer position for the luminaire distances S											
S = 1.0H		+2.0 / -1.9					+2.0 / -1.9				
S = 1.5H		+4.1 / -2.1					+4.1 / -2.1				
S = 2.0H		+5.8 / -2.4					+5.8 / -2.4				
Standard table		BK02					BK02				
Correction Summand		-2.6					-2.6				
Corrected Glare Indices referring to 1440lm Total Luminous Flux											

Vivid Model Colour Temperature	2700K	3000K	3500K	4000K	Light Pink
📖 Reading			•	•	
🥬 Fruits & Vegetables		•	•		
🍞 Bakery	•				
👤 Retail		•	•		
💄 Cosmetics			•	•	
🥩 Meat					•
🐟 Fish				•	
🐠 Seafood				•	•



For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a «special saturation parameter», capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate diode and specific phosphor coating are carefully selected.



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

