



DIMENSIONS



ACCESSORIES



HIGH CHROMATIC LED

AWARDS

DESIGN PLUS
2012 AWARD



Premios
Delta'12
Selección

Name	LEX 1 3000K W
Reference	A0700101W
Color	Matt white
RAL	9016
Category	CEILING RECESSED

PRODUCT

Type	LED
Gross luminous flux	1420 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI > 90
Power	10 W
Current	300 mA
Efficacy	142 lm/W
LED lifespan	L80B10 > 60.000h

LIGHT SOURCE

Lighting efficiency	70%
Light beam angle	71°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included - Connected
Power values of the system	11,76 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	No Dim
Electrical insulation class	<input type="checkbox"/>

LIGHTING FIXTURE | ELECTRICAL DATA

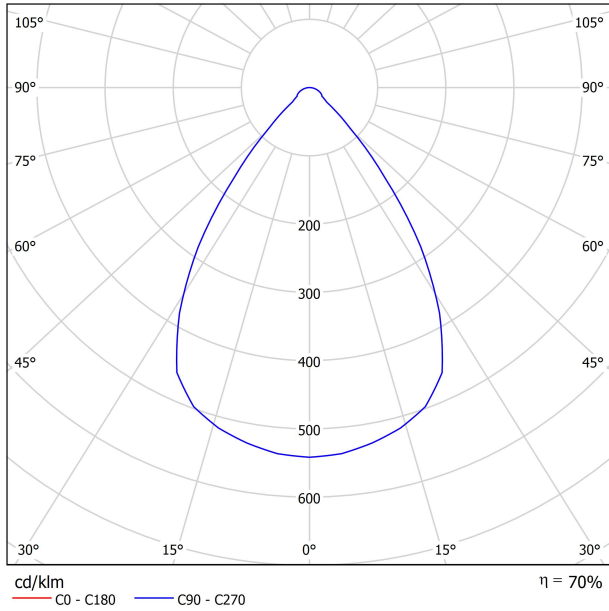
Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	Ø140 mm
Weight	550 g
Packaged weight	780 g
Packaging dimensions	240 x 212 x 163 mm
Units per package	1
Materials	Aluminium / Polycarbonate

OTHER DATA

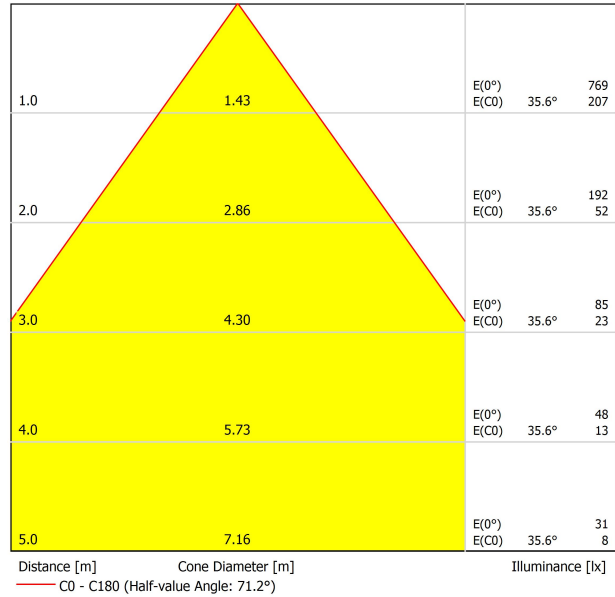


Lex is a ceiling recessed downlight with COB LED and without diffuser, which makes it a very distinct luminaire. As the location of its LED is set back, Lex achieves great visual comfort. Its matte finish shade fosters this aspect and offers elegant aesthetics.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	30
ρ 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	11.5	12.3	11.7	12.5	12.7	11.5	12.3	11.7	12.5	12.7
	3H	13.6	14.3	13.9	14.5	14.8	13.6	14.3	13.9	14.5	14.8
	4H	14.4	15.1	14.7	15.3	15.6	14.4	15.1	14.7	15.3	15.6
	6H	15.0	15.6	15.3	15.9	16.2	15.0	15.6	15.3	15.9	16.2
	8H	15.2	15.8	15.5	16.1	16.4	15.2	15.8	15.5	16.1	16.4
4H	2H	12.2	12.9	12.5	13.2	13.4	12.2	12.9	12.5	13.2	13.4
	3H	14.5	15.1	14.8	15.4	15.7	14.5	15.1	14.8	15.4	15.7
	4H	15.4	15.9	15.8	16.3	16.6	15.4	15.9	15.8	16.3	16.6
	6H	16.2	16.6	16.6	17.0	17.3	16.2	16.6	16.6	17.0	17.3
	8H	16.4	16.8	16.9	17.2	17.6	16.4	16.8	16.9	17.2	17.6
8H	2H	16.6	17.0	17.1	17.4	17.8	16.6	17.0	17.1	17.4	17.8
	4H	15.8	16.2	16.2	16.5	16.9	15.8	16.2	16.2	16.5	16.9
	6H	16.7	17.0	17.1	17.4	17.8	16.7	17.0	17.1	17.4	17.8
	8H	17.0	17.3	17.5	17.7	18.2	17.0	17.3	17.5	17.7	18.2
	12H	17.3	17.5	17.8	18.0	18.5	17.3	17.5	17.8	18.0	18.5
12H	4H	15.8	16.1	16.2	16.6	17.0	15.8	16.1	16.2	16.6	17.0
	6H	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.9
	8H	17.1	17.4	17.6	17.8	18.3	17.1	17.4	17.6	17.8	18.3
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	-1.6					-1.6					
Corrected Glare Indices referring to 1420lm 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

