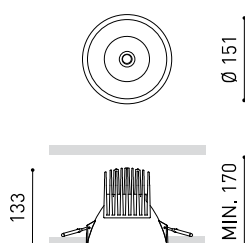




## Dimensions



## Accessories



HIGH CHROMATIC LED

## Awards



Name	LEX 3 DIM DALI 3000K G
Reference	A0700121G
Colour	Gold
RAL	1036
Category	CEILING RECESSED

Type	LED
Gross luminous flux	2800 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	24 W
Current	700 mA
Efficacy	117 lm/W
LED lifespan	L90B10 >55.000h
Energy efficiency class	E

Lighting efficiency	67%
Light beam angle	71°

Driver	Included - Connected
Power values of the system	27,55 W
Frequency	50/60 Hz
Dimming	DALI
Electrical insulation class	□

Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	Ø140 mm
Weight	760 g
Packaged weight	990 g
Packaging dimensions	240 x 212 x 163 mm
Units per package	1
Materials	Aluminium / Polycarbonate

## PRODUCT

## LIGHT SOURCE

## LIGHTING FIXTURE | PHOTOMETRIC DATA

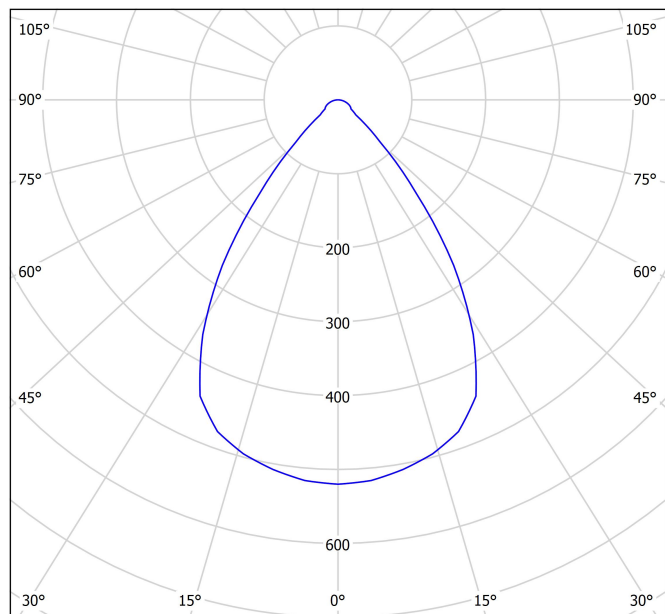
## LIGHTING FIXTURE | ELECTRICAL DATA

## 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.

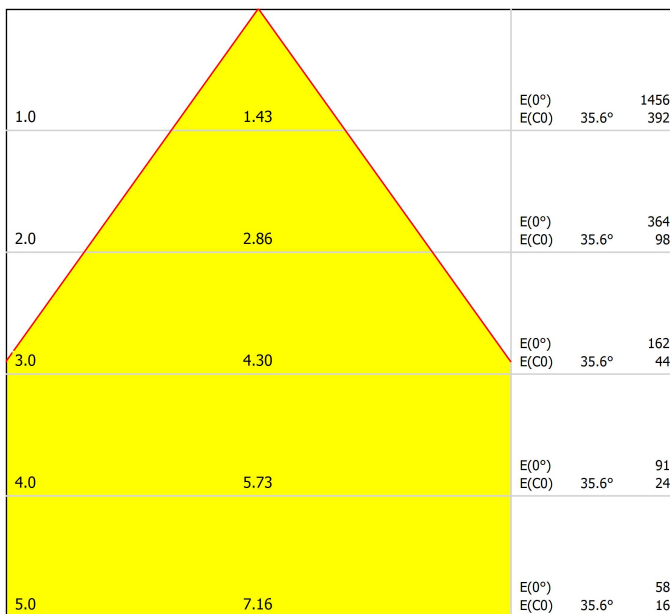
## Polar diagram



cd/klm  
— C0 - C180 — C90 - C270

η = 67%

## Conical diagram



Distance [m] Cone Diameter [m] Illuminance [lx]  
— C0 - C180 (Half-value Angle: 71.2°)

## UGR

Glare Evaluation According to UGR													
p Ceiling		70	70	50	50	30	70	70	50	50	30	30	
p Walls		50	30	50	50	30	30	50	30	50	50	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	13.7	14.5	13.9	14.7	14.9	13.7	14.5	13.9	14.7	14.9		
	3H	15.8	16.5	16.1	16.8	17.0	15.8	16.5	16.1	16.8	17.0		
	4H	16.6	17.3	16.9	17.5	17.8	16.6	17.3	16.9	17.5	17.8		
	6H	17.2	17.8	17.5	18.1	18.4	17.2	17.8	17.5	18.1	18.4		
	8H	17.4	18.0	17.8	18.3	18.6	17.4	18.0	17.8	18.3	18.6		
4H	2H	14.6	15.1	17.9	18.5	18.8	17.6	18.1	17.9	18.5	18.8		
	2H	14.4	15.1	14.7	15.4	15.6	14.4	15.1	14.7	15.4	15.6		
	3H	16.7	17.3	17.0	17.6	17.9	16.7	17.3	17.0	17.6	17.9		
	4H	17.6	18.2	18.0	18.5	18.8	17.6	18.2	18.0	18.5	18.8		
	6H	18.4	18.8	18.8	19.2	19.6	18.4	18.8	18.8	19.2	19.6		
8H	8H	18.6	19.0	19.1	19.4	19.8	18.6	19.0	19.1	19.4	19.8		
	12H	18.8	19.2	19.3	19.6	20.0	18.8	19.2	19.3	19.6	20.0		
	12H	4H	18.0	18.4	18.4	18.8	19.2	18.0	18.4	18.4	18.8	19.2	
		6H	18.9	19.2	19.3	19.6	20.1	18.9	19.2	19.3	19.6	20.1	
		8H	19.2	19.5	19.7	19.9	20.4	19.2	19.5	19.7	19.9	20.4	
12H		12H	19.5	19.7	20.0	20.2	20.7	19.5	19.7	20.0	20.2	20.7	
		4H	18.0	18.4	18.5	18.8	19.2	18.0	18.4	18.5	18.8	19.2	
	6H	19.0	19.2	19.4	19.7	20.1	19.0	19.2	19.4	19.7	20.1		
8H	19.4	19.6	19.8	20.0	20.5	19.4	19.6	19.8	20.0	20.5			
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		-1.9					-1.9						
Corrected Glare Indices referring to 2800lm Total Luminous Flux													

Vivid Model Colour Temperature	2700K	3000K	3500K	4000K	Light Pink
 Reading			●	●	
 Fruits & Vegetables		●	●		
 Bakery	●				
 Retail		●	●		
 Cosmetics			●	●	
 Meat					●
 Fish				●	
 Seafood				●	●

## High Chromatic LED

For commercial product showcasing.

Arkoslight offers, in some of its products, the possibility to incorporate a special LED designed to enhance the visual presentation of goods and products for commercial purposes.

This high-chromaticity LED is selected to highlight tones that encourage a positive psychological perception of the illuminated object.

The light source provides a more attractive and intense colour palette than a conventional LED. This is achieved through a specific LED configuration under a "special saturation parameter," allowing colours and textures to appear more vivid within the visible spectrum.

The diode and its phosphor coating are carefully selected for each application.



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 de 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

