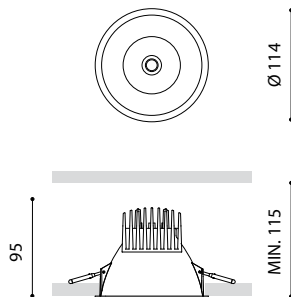




DIMENSIONS



ACCESSORIES



HIGH CHROMATIC LED

AWARDS

DESIGN PLUS
2012 AWARDPremios
Delta '12
Selección

Name	LEX ECO MINI 1 3000K W
Reference	A3780111W
Color	Matt white
RAL	9016
Category	CEILING RECESSED

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	940 Lm
Power	6,5 W
Power values of the system	6,5 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 2
Light beam angle	70°
Lighting efficiency	70%
Efficacy	145 Lm/W
Current intensity	200 mA
Dimming	No Dim - Other DIM, please consult
Control through bluetooth	Please Consult
Driver	Included
Emergency power supply	Please Consult
Electrical insulation class	<input type="checkbox"/>
Voltage	220 V/240 V
Frequency	50/60 Hz
Energy efficiency	A+
LED lifespan	L80B10 (Tj=85°C) >60.000h

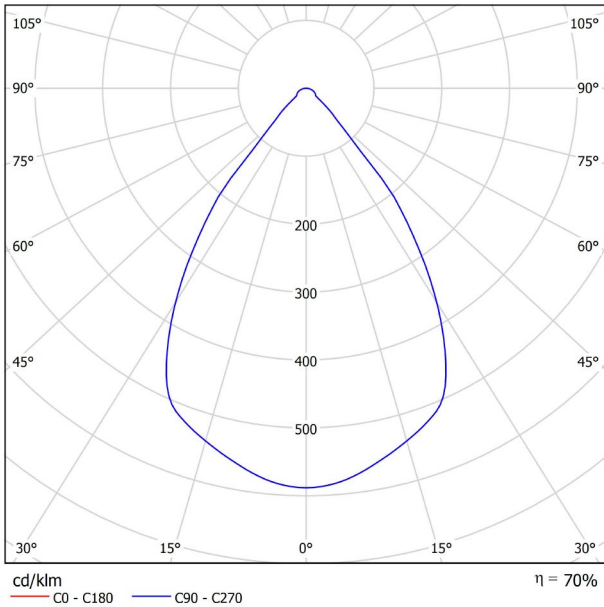
OTHER DATA

Ingress Protection	IP20
Recess measurements	Ø105 mm.
Weight	290 g.
Packaged weight	435 g.
Packaging dimensions	194 × 163 × 119 mm
Units per package	1
Materials	Aluminium / Polycarbonate

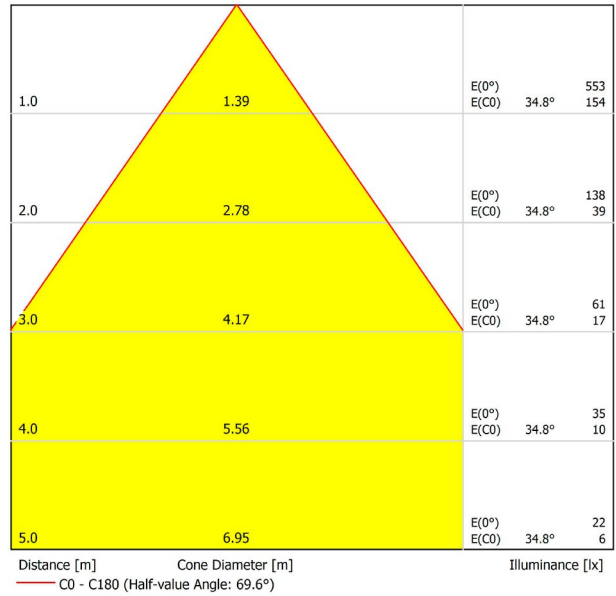


Lex Eco Mini is the smaller version of Lex Eco. Like its big brother, it offers high visual comfort thanks to the double setback of its LED which is located further back in the luminaire, and housed, too, at the end of a second screen. Its mini size is coherent with its proportions, harmonious in relation to its power and flux.

POLAR DIAGRAM



CONICAL DIAGRAM



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	9.9	10.7	10.1	10.8	11.0	9.9	10.7	10.1	10.8	11.0
	3H	12.1	12.8	12.4	13.1	13.3	12.1	12.8	12.4	13.1	13.3
	4H	13.1	13.7	13.4	14.0	14.2	13.1	13.7	13.4	14.0	14.2
	6H	13.9	14.5	14.2	14.7	15.0	13.9	14.5	14.2	14.7	15.0
	8H	14.2	14.8	14.5	15.1	15.4	14.2	14.8	14.5	15.1	15.4
4H	12H	14.4	15.0	14.8	15.3	15.6	14.4	15.0	14.8	15.3	15.6
	2H	10.6	11.3	11.0	11.6	11.8	10.6	11.3	11.0	11.6	11.8
	3H	13.1	13.6	13.4	13.9	14.3	13.1	13.6	13.4	13.9	14.3
	4H	14.2	14.7	14.6	15.0	15.3	14.2	14.7	14.6	15.0	15.3
	6H	15.1	15.5	15.5	15.9	16.3	15.1	15.5	15.5	15.9	16.3
8H	8H	15.5	15.9	15.9	16.3	16.7	15.5	15.9	15.9	16.3	16.7
	12H	15.8	16.2	16.3	16.6	17.0	15.8	16.2	16.3	16.6	17.0
	4H	14.6	15.0	15.0	15.3	15.7	14.6	15.0	15.0	15.3	15.7
	6H	15.7	16.0	16.2	16.4	16.9	15.7	16.0	16.2	16.4	16.9
	8H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4
12H	12H	16.7	16.9	17.2	17.3	17.8	16.7	16.9	17.2	17.3	17.8
	4H	14.6	15.0	15.1	15.4	15.8	14.6	15.0	15.1	15.4	15.8
	6H	15.8	16.1	16.3	16.5	17.0	15.8	16.1	16.3	16.5	17.0
8H	16.4	16.6	16.9	17.1	17.5	16.4	16.6	16.9	17.1	17.5	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+2.7 / -2.0					+2.7 / -2.0					
S = 1.5H	+4.9 / -2.2					+4.9 / -2.2					
S = 2.0H	+6.8 / -2.5					+6.8 / -2.5					
Standard table	BK02					BK02					
Correction Summand	-0.8					-0.8					
Corrected Glare Indices referring to 940lm 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.