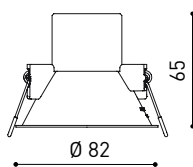
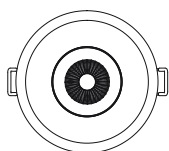




DIMENSIONS



ACCESSORIES



HIGH CHROMATIC LED

Name	SHOT LIGHT M 2 DIM DALI/PUSH 2700K N
Reference	A2970230N
Color	Matt black
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	910 Lm
Power	6,5 W
Power values of the system	7,39 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	Mac Adam Step 2
Light beam angle	38°
Unified Glare Rating	UGR<19
Lighting efficiency	86%
Efficacy	140 Lm/W
Current intensity	200 mA
Dimming	DALI / Push - Other DIM, please consult
Control through bluetooth	Please Consult
Driver	Incl.
Fast connection of the driver to the mains supply	Please Consult
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

LIGHTING INFORMATION

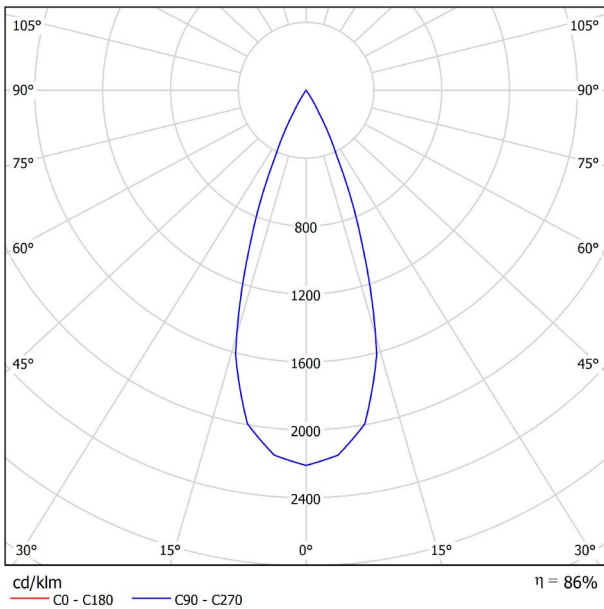
OTHER DATA

Ingress Protection	IP20
Recess measurements	Ø75 mm.
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

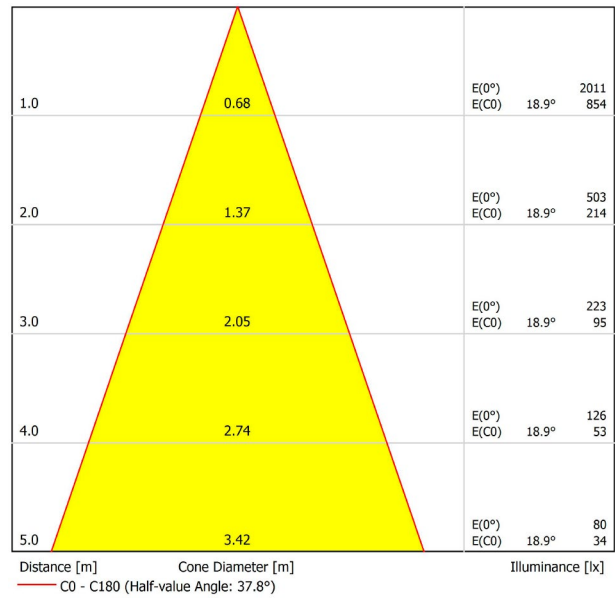


A luminary conceived to be a small, discreet point of light in the ceiling that hides the illumination source from sight and aims to offer maximum visual comfort. In order to achieve this, it has an anti-glare screen and a specifically designed micro-reflector that generates a perfectly defined light beam.

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	-19.3	-18.7	-19.1	-18.5	-18.3	-19.3	-18.7	-19.1	-18.5	-18.3
	3H	-15.6	-15.1	-15.4	-14.8	-14.6	-15.6	-15.1	-15.4	-14.8	-14.6
	4H	-13.4	-12.8	-13.1	-12.6	-12.3	-13.4	-12.8	-13.1	-12.6	-12.3
	6H	-11.6	-11.1	-11.3	-10.9	-10.6	-11.6	-11.1	-11.3	-10.9	-10.6
	8H	-10.5	-10.1	-10.2	-9.8	-9.5	-10.5	-10.1	-10.2	-9.8	-9.5
4H	12H	-8.9	-8.4	-8.5	-8.1	-7.8	-8.9	-8.4	-8.5	-8.1	-7.8
	2H	-18.5	-17.9	-18.2	-17.7	-17.4	-18.5	-17.9	-18.2	-17.7	-17.4
	3H	-14.3	-13.8	-13.9	-13.5	-13.2	-14.3	-13.8	-13.9	-13.5	-13.2
	4H	-11.8	-11.4	-11.5	-11.1	-10.8	-11.8	-11.4	-11.5	-11.1	-10.8
	6H	-10.0	-9.7	-9.6	-9.3	-9.0	-10.0	-9.7	-9.6	-9.3	-9.0
8H	8H	-8.8	-8.5	-8.4	-8.1	-7.7	-8.8	-8.5	-8.4	-8.1	-7.7
	12H	-7.0	-6.8	-6.6	-6.4	-5.9	-7.0	-6.8	-6.6	-6.4	-5.9
	4H	-11.0	-10.8	-10.6	-10.4	-10.0	-11.0	-10.8	-10.6	-10.4	-10.0
	6H	-9.0	-8.8	-8.6	-8.4	-7.9	-9.0	-8.8	-8.6	-8.4	-7.9
	8H	-7.5	-7.4	-7.1	-6.9	-6.5	-7.5	-7.4	-7.1	-6.9	-6.5
12H	12H	-5.5	-5.3	-5.0	-4.9	-4.4	-5.5	-5.3	-5.0	-4.9	-4.4
	4H	-10.9	-10.6	-10.4	-10.2	-9.8	-10.9	-10.6	-10.4	-10.2	-9.8
	6H	-8.7	-8.5	-8.2	-8.1	-7.6	-8.7	-8.5	-8.2	-8.1	-7.6
8H	-7.0	-6.9	-6.6	-6.4	-5.9	-7.0	-6.9	-6.6	-6.4	-5.9	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+6.9 / -10.6					+6.9 / -10.6					
S = 1.5H	+9.8 / -11.1					+9.8 / -11.1					
S = 2.0H	+11.8 / -11.8					+11.8 / -11.8					
Standard table	BK00					BK00					
Correction Summand	-13.2					-13.2					
Corrected Glare Indices referring to 910lm 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.