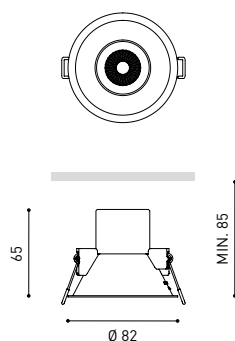




DIMENSIONS



ACCESSORIES



HIGH CHROMATIC LED

PRODUCT

Name	SHOT LIGHT M 1 3000K W
Reference	A2970111W
Color	White
Power of the system	Colour in the mass looks alike RAL 9016
Category	CEILING RECESSED

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	700 Lm
Power	5 W
Power values of the system	6,67 W
Colour temperature	3000 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	150 mA
Dimming	No Dim - Other DIM, please consult
Control through bluetooth	Please Consult
Driver	Included - Connected
Emergency power supply	Please Consult
Electrical insulation class	□
Voltage	220 V/240 V
Frequency	50/60 Hz
Energy efficiency	A++
LED lifespan	L80B10 (Tc=85°C) >60.000h

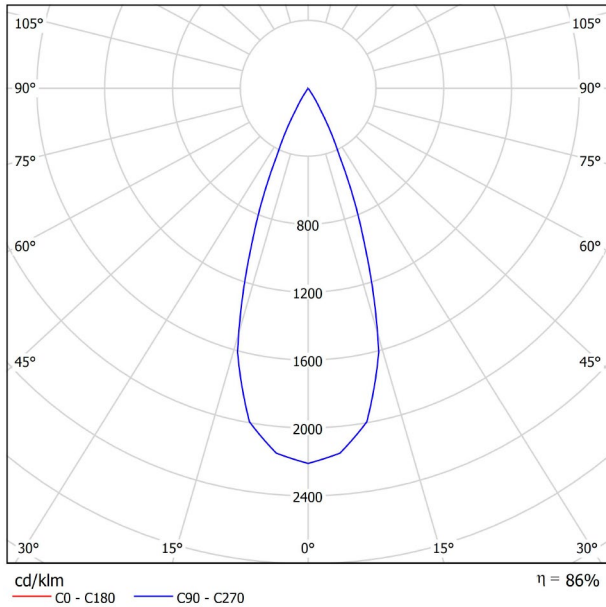
OTHER DATA

Ingress Protection	IP20
Recess measurements	Ø75 mm.
Weight	175 g.
Packaged weight	225 g.
Packaging dimensions	101 x 95 x 88 mm.
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

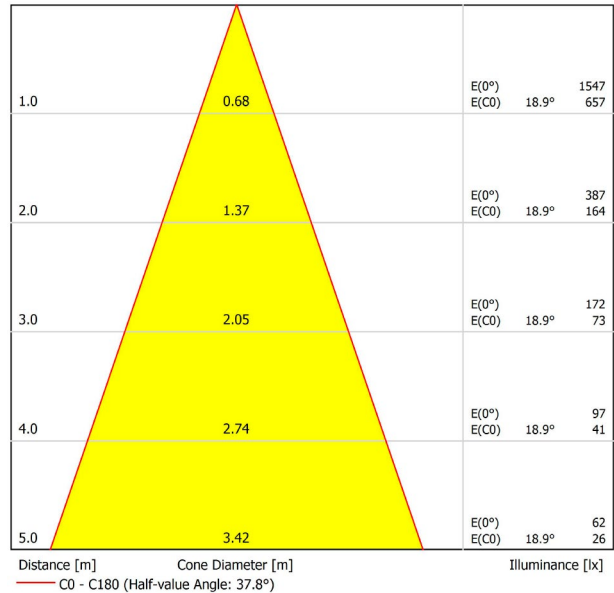


A luminary conceived to be a small, discreet point of light in the ceiling that hides the illumination source from sight and aims to offer maximum visual comfort. In order to achieve this, it has an anti-glare screen and a specifically designed micro-reflector that generates a perfectly defined light 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	-20.2	-19.6	-20.0	-19.4	-19.2	-20.2	-19.6	-20.0	-19.4	-19.2
	3H	-16.6	-16.0	-16.3	-15.8	-15.5	-16.6	-16.0	-16.3	-15.8	-15.5
	4H	-14.3	-13.7	-14.0	-13.5	-13.2	-14.3	-13.7	-14.0	-13.5	-13.2
	6H	-12.6	-12.1	-12.2	-11.8	-11.5	-12.6	-12.1	-12.2	-11.8	-11.5
	8H	-11.4	-11.0	-11.1	-10.7	-10.4	-11.4	-11.0	-11.1	-10.7	-10.4
4H	12H	-9.8	-9.3	-9.5	-9.0	-8.7	-9.8	-9.3	-9.5	-9.0	-8.7
	2H	-19.4	-18.8	-19.1	-18.6	-18.3	-19.4	-18.8	-19.1	-18.6	-18.3
	3H	-15.2	-14.7	-14.8	-14.4	-14.1	-15.2	-14.7	-14.8	-14.4	-14.1
	4H	-12.7	-12.4	-12.4	-12.0	-11.7	-12.7	-12.4	-12.4	-12.0	-11.7
	6H	-10.9	-10.6	-10.5	-10.2	-9.9	-10.9	-10.6	-10.5	-10.2	-9.9
8H	8H	-9.7	-9.4	-9.3	-9.0	-8.6	-9.7	-9.4	-9.3	-9.0	-8.6
	12H	-7.9	-7.7	-7.5	-7.3	-6.9	-7.9	-7.7	-7.5	-7.3	-6.9
	4H	-11.9	-11.7	-11.5	-11.3	-10.9	-11.9	-11.7	-11.5	-11.3	-10.9
	6H	-9.9	-9.7	-9.5	-9.3	-8.8	-9.9	-9.7	-9.5	-9.3	-8.8
	8H	-8.4	-8.3	-8.0	-7.8	-7.4	-8.4	-8.3	-8.0	-7.8	-7.4
12H	12H	-6.4	-6.2	-5.9	-5.8	-5.3	-6.4	-6.2	-5.9	-5.8	-5.3
	4H	-11.8	-11.5	-11.3	-11.1	-10.7	-11.8	-11.5	-11.3	-11.1	-10.7
	6H	-9.6	-9.4	-9.1	-9.0	-8.5	-9.6	-9.4	-9.1	-9.0	-8.5
8H	-7.9	-7.8	-7.5	-7.4	-6.9	-7.9	-7.8	-7.5	-7.4	-6.9	
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 700lm Total Luminous Flux											

HIGH CHROMATIC LED

ARKOSLIGHT®

FOR COMMERCIAL PRODUCT SHOWCASING

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.