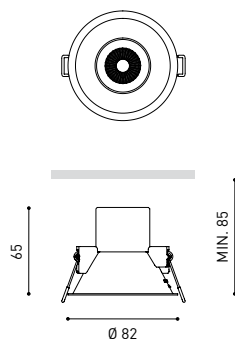




DIMENSIONS



ACCESSORIES



HIGH CHROMATIC LED

PRODUCT

Name	SHOT LIGHT M 2 3000K W
Reference	A2970211W
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	940 Lm
Power	6,5 W
Power values of the system	8,13 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	145 Lm/W
Current intensity	200 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

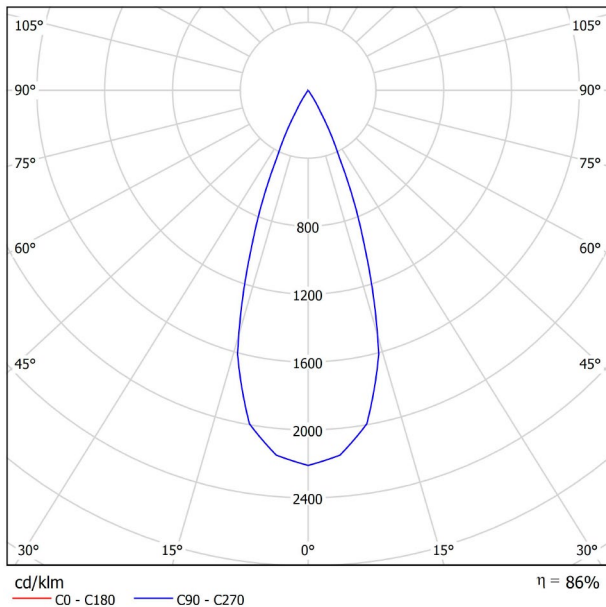
OTHER DATA

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

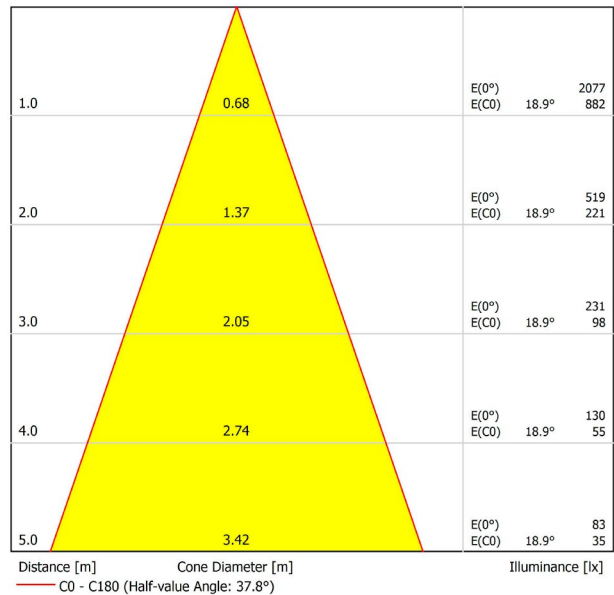


A luminary conceived to be a small, discreet point of light in the ceiling that hides the illumination source from sight and aims to offer maximum visual comfort. In order to achieve this, it has an anti-glare screen and a specifically designed micro-reflector that generates a perfectly defined light 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	-19.2	-18.6	-18.9	-18.4	-18.2	-19.2	-18.6	-18.9	-18.4	-18.2
	3H	-15.5	-15.0	-15.3	-14.7	-14.5	-15.5	-15.0	-15.3	-14.7	-14.5
	4H	-13.3	-12.7	-13.0	-12.5	-12.2	-13.3	-12.7	-13.0	-12.5	-12.2
	6H	-11.5	-11.0	-11.2	-10.8	-10.5	-11.5	-11.0	-11.2	-10.8	-10.5
	8H	-10.4	-9.9	-10.1	-9.7	-9.4	-10.4	-9.9	-10.1	-9.7	-9.4
4H	12H	-8.8	-8.3	-8.4	-8.0	-7.7	-8.8	-8.3	-8.4	-8.0	-7.7
	2H	-18.3	-17.8	-18.0	-17.6	-17.3	-18.3	-17.8	-18.0	-17.6	-17.3
	3H	-14.1	-13.7	-13.8	-13.4	-13.1	-14.1	-13.7	-13.8	-13.4	-13.1
	4H	-11.7	-11.3	-11.3	-11.0	-10.7	-11.7	-11.3	-11.3	-11.0	-10.7
	6H	-9.9	-9.6	-9.5	-9.2	-8.8	-9.9	-9.6	-9.5	-9.2	-8.8
8H	8H	-8.7	-8.4	-8.3	-8.0	-7.6	-8.7	-8.4	-8.3	-8.0	-7.6
	12H	-6.9	-6.6	-6.5	-6.2	-5.8	-6.9	-6.6	-6.5	-6.2	-5.8
	4H	-10.9	-10.6	-10.5	-10.3	-9.9	-10.9	-10.6	-10.5	-10.3	-9.9
	6H	-8.9	-8.7	-8.4	-8.3	-7.8	-8.9	-8.7	-8.4	-8.3	-7.8
	8H	-7.4	-7.2	-7.0	-6.8	-6.3	-7.4	-7.2	-7.0	-6.8	-6.3
12H	12H	-5.4	-5.2	-4.9	-4.8	-4.3	-5.4	-5.2	-4.9	-4.8	-4.3
	4H	-10.7	-10.5	-10.3	-10.1	-9.7	-10.7	-10.5	-10.3	-10.1	-9.7
	6H	-8.6	-8.4	-8.1	-7.9	-7.5	-8.6	-8.4	-8.1	-7.9	-7.5
	8H	-6.9	-6.8	-6.4	-6.3	-5.8	-6.9	-6.8	-6.4	-6.3	-5.8
	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 940lm 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.