



ATOMIS

Meson round 100 Fresnel flat trim

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CATEGORY

Downlights & recessed spots

MOUNTING

Recessed

IP CLASS

IP20 (naar boven)/IP40 (naar beneden)

COLOUR TEMPERATURE

2700K, 3000K, 3500K, 4000K, Tunable White

CRI

CRI80, CRI90, CRI97

UGR

<19

Introduction

Meson round 100 Fresnel flat trim is a compact recessed LED downlight featuring an efficient power LED. High visual comfort is achieved by the decorative satin...

With the Meson round 100 Fresnel flat trim, you choose architectural lighting that unites design and light quality. Designed for hospitality, office, education, public spaces, the luminaire integrates neatly into the design and delivers comfortable, considered light. Thanks to its thoughtful detailing and high-quality finish, it is a choice that lasts for years — and makes your project look better.

Features

Decorative lighting achieved with satin Fresnel optics

Strong architectural appearance

Flat trim ring

IP40 housing (from the underside)

Technical specifications

Mounting	Recessed
Application	Hospitality, Office, Education, Public spaces
Material	Acrylic, Steel
Optics	Lens
UGR	<19
IP class	IP20 (naar boven)/IP40 (naar beneden)
CRI	CRI80, CRI90, CRI97
CCT	2700K, 3000K, 3500K, 4000K, Tunable White
Control	1-10V dimmable, Casambi dimmable, DALI dimmable, Optional
Emergency lighting	1-hour emergency power, Optional, Optional 1-hour autonomy self-test
Efficiency	>125lm/W
Photobiological safety	IEC 62471: RG1 (low risk)
Insulation class	Class II
Power factor	>0.9
Ambient temperature	-20°C / +40°C
Options	86mm, 220-240V, 50 / 60Hz, 93 100 100 100 100, BST 14i2, Europlug, GST18i3, GST18i5 pastelblauw, L90B50@60, 000h (Tq 25°C), Remote driver, N/A, Downward, On request, On the driver, Round, SDCM=2
Brand	Atomis
Category	Downlights & recessed spots

Product photos

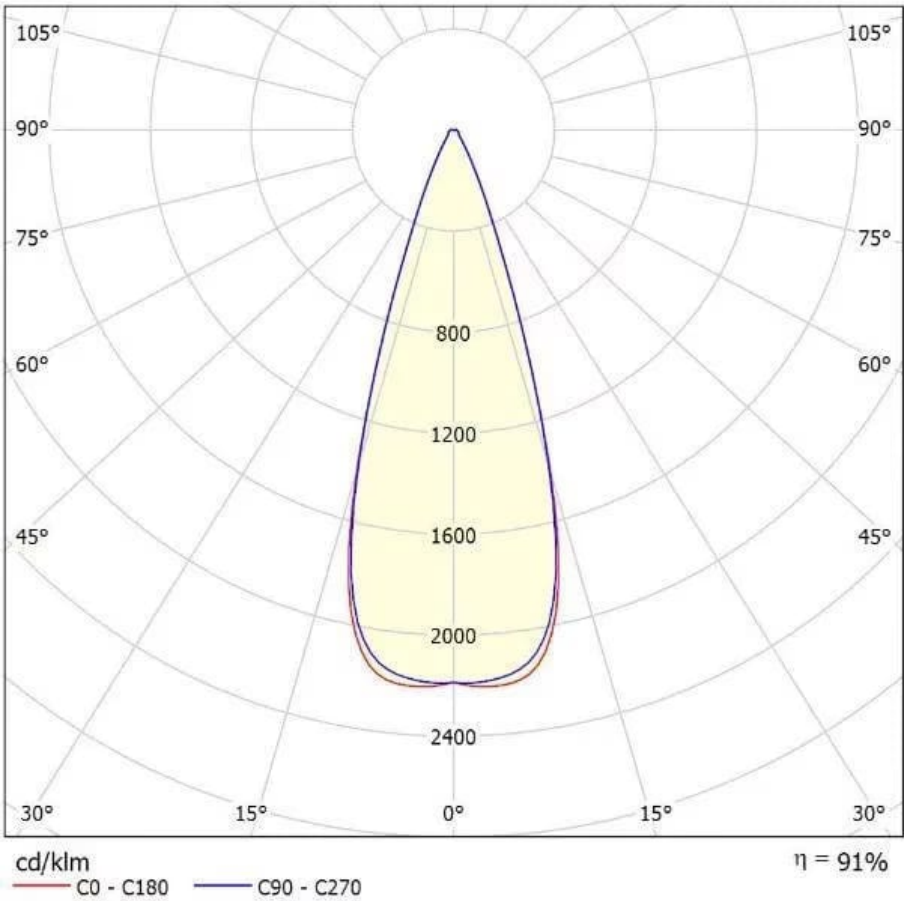
Atmosphere and product images — technical drawings are on a separate page



observer side		viewing direction at right angles					viewing direction parallel				
X	Y	to lamp axis					to lamp axis				
2H	2H	13.1	13.8	13.3	14.1	14.3	13.2	13.9	13.4	14.2	14.4
	3H	15.7	16.4	16.0	16.6	16.9	15.6	16.3	15.9	16.5	16.8
	4H	17.1	17.7	17.4	18.0	18.3	16.9	17.6	17.2	17.8	18.1
	6H	18.4	19.0	18.8	19.3	19.7	18.2	18.9	18.6	19.1	19.5
	8H	19.0	19.6	19.4	19.9	20.3	18.8	19.4	19.2	19.8	20.1
4H	12H	19.7	20.2	20.0	20.6	20.9	19.5	20.1	19.9	20.4	20.7
	2H	14.0	14.6	14.3	14.9	15.2	14.0	14.7	14.4	15.0	15.3
	3H	16.8	17.4	17.2	17.7	18.0	16.7	17.3	17.1	17.6	17.9
	4H	18.4	18.9	18.8	19.2	19.6	18.2	18.7	18.6	19.0	19.4
	6H	19.9	20.3	20.3	20.7	21.1	19.7	20.2	20.2	20.5	20.9
8H	8H	20.6	21.0	21.0	21.4	21.8	20.4	20.8	20.9	21.2	21.6
	12H	21.3	21.7	21.8	22.1	22.5	21.2	21.5	21.6	21.9	22.4
	4H	19.0	19.3	19.4	19.7	20.2	18.8	19.2	19.3	19.6	20.0
	6H	20.7	21.0	21.2	21.4	21.9	20.6	20.9	21.0	21.3	21.8
	8H	21.5	21.8	22.0	22.3	22.8	21.4	21.7	21.9	22.1	22.6
12H	12H	22.5	22.7	23.0	23.1	23.7	22.3	22.5	22.8	23.0	23.5
	4H	19.1	19.4	19.5	19.8	20.3	19.0	19.3	19.4	19.7	20.2
	6H	20.9	21.1	21.4	21.6	22.1	20.8	21.0	21.3	21.5	22.0
	8H	21.8	22.0	22.3	22.5	23.0	21.7	21.9	22.2	22.4	22.9
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 4.0H		+0.2 / -0.2					+0.2 / -0.2				

Technical drawings

Dimensions and line art — not to scale



Photometric drawing

Specification text

Meson round 100 Fresnel flat trim is a compact recessed LED downlight featuring an efficient power LED. High visual comfort is achieved by the decorative satin Fresnel lens with concentric rings that provide soft, even lighting. - Decorative lighting achieved with satin Fresnel optics - Strong architectural appearance - Flat trim ring - IP40 housing (from the underside)

Information

Note

Specifications depend on the project and configuration. Always consult the current technical documentation.

This datasheet is compiled from structured product information based on XML source data and the current source page. Specifications may vary per project configuration.

Atomis Architectural Lighting · atomislighting.com · The Netherlands

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