

ARTIFICIAL SKYLIGHT SERIES

Cielo

MODEL DR126

Daylight, engineered indoors.

CIELO Artificial Skylight is a uniquely designed indoor lighting fixture that simulates the appearance of blue sky and sunlight. By simulating the scattering of sunlight through the atmosphere, it accurately reproduces the visual effect of natural sunlight — offering an innovative, high-quality lighting solution for indoor spaces, especially those areas lacking natural sunlight.

CIELO · DR126
ARTIFICIAL SKYLIGHT



PRODUCT RENDER
Recessed skylight luminaire · aluminium housing

300_W RATED POWER	>93_{CRI} COLOUR RENDERING	2100– 7500_K CCT RANGE	15° BEAM ANGLE	50,000_h RATED LIFESPAN	IP20 INDOOR RATED
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01 OVERVIEW

Sunlight, faithfully reproduced

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KEY FEATURES

Performance & Optics

- Reproduces the visual effect of natural sunlight and a clear blue sky
- SMALITE high-quality LEDs for true, stable colour
- No UV emission and no blue-light hazard

Control & Technology

- DALI / 0–10V / BLE+2.4G control
- Fully adjustable brightness and CCT
- Linear & logarithmic PWM dimming, 1–100%

Build & Compliance

- Aluminium-alloy housing, Class II insulation
- Easy to install — suspended or recessed
- Complies with RoHS, CCC, CE

APPLICATIONS

A01

Office

Workplaces & meeting rooms

A02

Residential

Homes & living spaces

A03

Retail store

Showrooms & boutiques

A04

Medical center

Clinics & wards

A05

Transit & culture

Airports, museums, subway

A06

Daylight-poor spaces

Any area lacking sunlight

02 ENGINEERING

Technical specifications

Parameters tested at Ta = 25 °C, RH = 65%, with rated input voltage and load, no air convection.

01 ELECTRICAL

Rated voltage	220–240 Vac
Voltage range	100–264 Vac
Rated frequency	50/60 Hz, 47–63 Hz
Rated power	300 W
Power factor	≥ 0.95
THD	≤ 20%
Startup time	≤ 0.5 s
Insulation type	Class II
Withstand voltage L/N–E	3.75 kV
Inrush current	≤ 30 A
Surge protection L–N	≥ 1 kV

03 CONTROL & SENSING

Dimming type	PWM
Dimming range	1% – 100%
Dimming curve	Linear & logarithm

02 PHOTOMETRIC

CCT	2100–7500 K
CRI	> 93
Light intensity	1000 lux @ 2 m 6000 lux @ 0.5 m
Light emitting angle	15°

04 ENVIRONMENT & LIFESPAN

Operation temperature	–20 – 40 °C
Storage temperature	–30 – 70 °C
IP rating	IP20 · indoor use
Lifespan	50,000 hours

05 CERTIFICATION

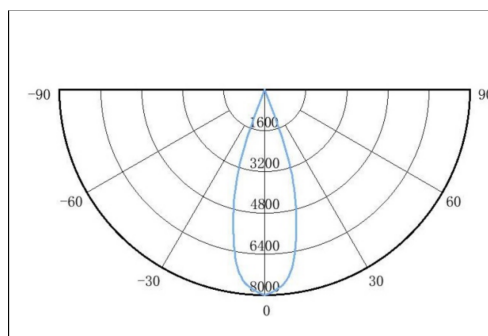
Safety	CE · CCC
EMC	FCC complied
Hazardous substances	RoHS

03 PHOTOMETRY

Optical performance

LIGHT DISTRIBUTION

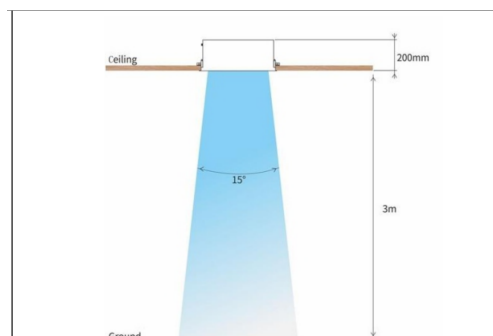
cd · polar



Luminous intensity distribution measured from -90° to 90°.

EMISSION ANGLE

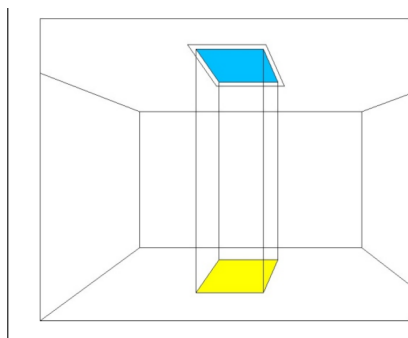
beam



15° emission — focused, directional sunlight beam from a 200 mm ceiling recess.

LIGHT EMISSION

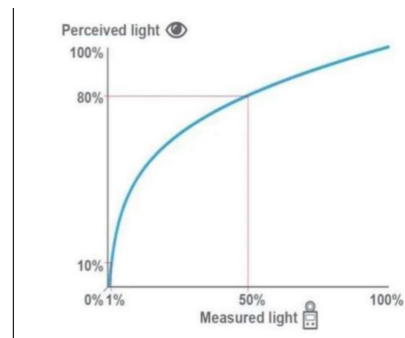
in situ



Directional sunlight effect projected into the room.

DIMMING CURVE

PWM



Perceived vs. measured light — smooth 1–100% logarithmic response.

04 GEOMETRY

Dimensions & profile

DIMENSIONAL DRAWING

plan · elevation

PRODUCT RENDER

iso

APPEARANCE, DIMENSION & WEIGHT

Overall dimension	L 1200 × W 600 × H 220 mm
Cut-out size	L 1185 × W 585 mm
Light-emitting surface	L 1100 × W 500 mm
Net weight	18 kg

WIRING SCHEMATIC

connection

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graph LR
    AC[N blue / L brown, 220V 50/60Hz] --> LED[LED power controller]
    LED --> Fixture[lighting fixture]
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AC input (N blue / L brown, 220 V 50/60 Hz) → LED power controller (N, L | +, C, W) → luminaire (red / white / black or yellow).

05 MOUNTING

Installation & packing

Recessed installation. Two mounting depths are supported. Maintain adequate clearance above the fixture (≥ 24 cm) for the housing, safety rope and locking mechanism.

RECESSED — FLAT

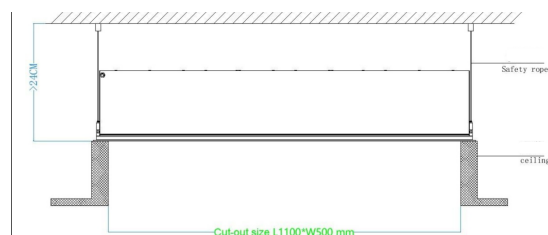
L1185 × W585



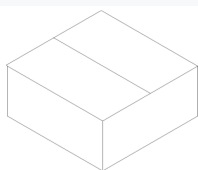
Flange sits flush with the ceiling face · clearance ≥ 24 cm.

RECESSED — DEEP IN

L1100 × W500



Recessed deeper into the ceiling void · clearance ≥ 24 cm.

PACKING

1PC/Box

1 PC / BOX

Standard packing unit



ACCESSORY

ACCESSORY

Safety rope set included

Please note: Additional charges may apply for reinforced protection during transportation.