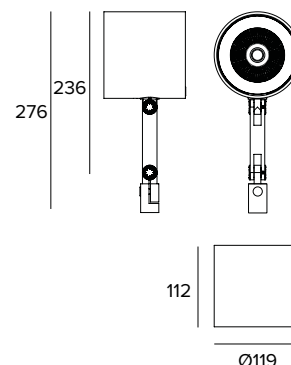


T045MWR930FW | CORO 120**Professional adjustable LED projector for wall or cornice installation with a fixed light beam opening**

The fixture's photometric values
can be found on the following pages



The figures on the drawing are expressed in mm.

SOURCE

High efficiency Chip on Board LED Ra90.

Energy efficiency class: E

Nominal power: 36/50W

Nominal flux: See photometries

Colour rendering index: 90

Rf: 92

Rg: 101

CCT nominal: 3000K

Lifetime (L80/B10): >50000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

MWFL version: reflector with ellipsoidal facets in reflective anodised aluminium. Complete with protective glass. Interchangeable reflectors available as accessories.

Optic: REFLECTOR

Beam angles: MWFL

Optical efficiency: 87%

Fixture flux: See photometries

Luminous efficacy: See photometries

Photobiological safety: Compliant with RG1 low risk group

MECHANICAL CHARACTERISTICS

Die-cast aluminium housing. Powder coated aluminium front ring and joints. Passive heat sink cooling system. Optical unit adjustability: +/-165° on the horizontal plane and 180° on the vertical plane with the possibility of mechanical aiming locking through single knob for both aiming locks. Pre-set for additional accessories. Articulated arm adjustable of 180° on the vertical plane. Graduated references at the articulated joints.

Colour and finish: Florentine white

Weight: 1.46Kg

Version: LONG ARM

Degree of protection: IP20

ELECTRICAL CHARACTERISTICS

To be completed with driver available in electronic ON-OFF, dimmable DALI and Casambi control system versions.

Fixture Power: See photometries

Power supply: 1050/1400mA

Insulation Class: CLASS 3

Driver included: NO

Class F: YES

Ambient temperature: 0°C / +25°C

INSTALLATION

To be completed with one of the dedicated installation systems: base for surface mounting, housing base with integrated driver, installation channel.

NOTES

Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

WARRANTY

5 years.

Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.

Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

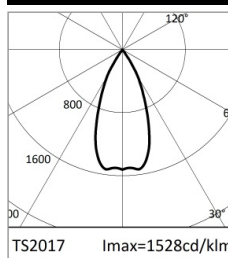
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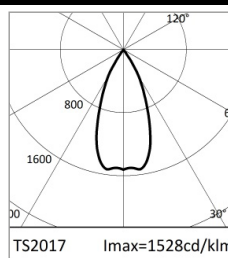
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	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		45°			
Fixture Power	36W	1	0.84	7312		
Source Flux	4810lm	2	1.67	1828		
Fixture Flux	4180lm	3	2.51	812		
Efficacy	116lm/W	4	3.35	457		
TS2017	I _{max} =1528cd/klm	I _{max}	7350cd	5	4.18	292

The diagram is a light distribution plot. It features a central vertical axis and a horizontal axis. A circular arc with a radius of 1600mm is centered at the origin. A beam of light is shown as a thick black line, starting from the center and extending upwards and outwards, forming a shape similar to a teardrop or a narrow cone. The beam angle is indicated as 45°. The beam diameter at 120° is indicated as 1600mm. The plot also shows concentric circles at 800mm and 1600mm, and radial lines at 30°, 60°, 90°, 120°, and 150°.

	3000K	H(m)	D(m)	E _{max} (lx)		
	Ra90		45°			
Fixture Power	50W	1	0.84	9307		
Source Flux	6122lm	2	1.67	2327		
Fixture Flux	5320lm	3	2.51	1034		
Efficacy	107lm/W	4	3.35	582		
TS2017	I _{max} =1528cd/klm	I _{max}	9354cd	5	4.18	372

1050MA

Fixture Power	36W
Nominal flux	4810lm
Fixture flux	4180lm
Luminous efficacy	116lm/W

1400MA

Fixture Power	50W
Nominal flux	6122lm
Fixture flux	5320lm
Luminous efficacy	107lm/W

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T045MWR930FW | CORO 120**Professional adjustable LED projector for wall or cornice installation with a fixed light beam opening****Related codes****Mounting System**

Power supply	Output current	Driver	Colour	Code
220-240Vac	1050mA	ON-OFF	●	A075ELFW
220-240Vac	1050mA	DALI	●	A075DAFW
220-240Vac	1050mA	CASAMBI	●	A075CAFW
220-240Vac	1400mA	ON-OFF	●	A076ELFW
220-240Vac	1400mA	DALI	●	A076DAFW
220-240Vac	1400mA	CASAMBI	●	A076CAFW

Surface mounting base with integrated driver.

Power Supply

Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
160x35x83	max 42W	110-240Vac	1050mA	IP20	1T3781
130x30x43	60W	220-240Vac	1400mA	IP20	1T9513EL

Electronic ON-OFF power supply.

Dimensions LxHxP mm	Power	Power supply	Output current	IP	Code
160x35x83	max 42W	110-240Vac	1050mA	IP20	1T3783
129x30x76	60W	220-240Vac	1400mA	IP20	1T9513DA

DALI power supply.

Mounting System

Colour	Code
●	A071FW

Surface mounting base.



Colour	Code
●	A072FW

Surface mounting channel 900mm.
The channel can be cut to length at intervals of 10cm.
With three mounting bases for Coro "80" and "120".

Accessories**Filter**

Ø mm	Code
80	1T3141

Flat glass, grooved refractive blade light filter.

This makes the beam take on an oval shape and when combined with spotlights, the light blade appears more prominent.
No for DBS version.



Ø mm	Code
80	1T3140

Flat glass micro prismatic refractive diffusive filter.

This softens the luminous effect.
No for DBS version.

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Ø mm	Code
80	1T3423

Anti-glare louver.
Black painted metal honeycomb structure.
No for DBS version.

Cut-off

Ø mm	Code
80	1T3142

Cut-off Tube.
Allows for the beam to be focused while removing the fall-off component.
No for DBS version.

Optic

Ø mm	Optic	Code
80	SP 14°	A057SPR
80	FL 25°	A057MFR
80	MWFL 45°	A057MWR

Interchangeable anodised reflective aluminium reflectors.
Available in Spot, Flood and Medium Wide Flood beams.
Not compatible with DBS version and NSP optics.

Zoom

Ø mm	Code
80	1T3432

Zoom.
Optical system consists of an optical glass flat convex lens, an anodized aluminium specular reflector and a diffusive holographic filter.
To be used after removing the existing optic.
It makes it possible to obtain a variable beam from 13° to 42°.
Cannot be used with DBS version and NSP optics.

Screen

Ø mm	Code
80	1T3143

Black painted anodized diffusive aluminium asymmetric screen.
Complete with blade light filter.
Ideal for a Wall Washer effect.
To be combined with spot and flood optics.
No for DBS version.

Emergency Kit

Code
A059

Emergency kit composed of an inverter a LiFePO4 battery and a LED Green indicator.
Allows permanent EP emergency use of the fixture it is connected to.
The 1h or 3h autonomy can be selected by configuring the fixture.
The batteries take 12h to completely recharge.
LED Green indicator wired to the inverter through single-core cables L= 800mm.
Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.
Battery size 160x54x30 mm.
Inverter size 165x40x25 mm.

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Control systems



Code

1T5349



Code

2T0131

IP20 wireless control unit with DALI interface.
It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver.
The module can only be used in a closed system and cannot be connected to an existing DALI network.
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology.
The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures.
The control unit is preset to the DALI 1CH profile, meaning the device can control a single DALI driver with broadcast commands.
In addition to the DALI broadcast, other operating modes are available, such as:

- Button (normally open)
- Control unit 0/1-10V
- Control unit DALI Tunable White DT8
- Presence sensor

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) interface based on Casambi technology.
It has a DALI2 output with the capacity to control up to 40 lighting fixtures.
With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures.
IP20 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level.
In addition to the DALI broadcast other operating modes are available, such as:

- EXTENDER DALI 8CH
- EXTENDER DALI Tunable White
- EXTENDER 0/1-10V
- EXTENDER DALI 4CH
- EXTENDER DALI DT8 Tunable White

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