SURFACE PROJECTORS

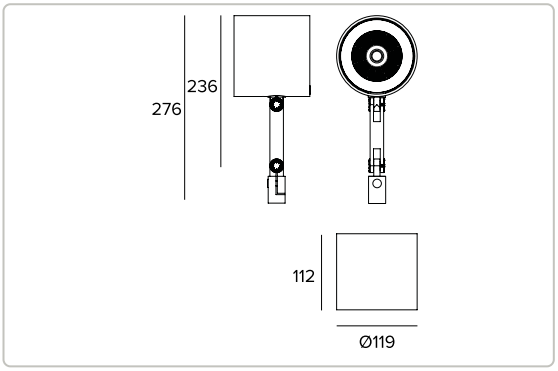
Coro 120



Code
T045MWR927DB

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700K 90	MWFL 45°	36.1-49.5W 3915-4982lm

POWER SUPPLY CONTROL	COLOUR
1050/1400mA	



The figures on the drawing are expressed in mm.

1.46 IP20 CE

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

Technical Data

Concept

Professional adjustable LED projector for wall or cornice installation with a fixed light beam opening.

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	99
CCT nominal	2700K
Lifetime (L80/B10)	72000h tq +25°C
Lifetime (L90/B10)	72000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
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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).

We reserve the right to make technical changes.

Technical Data

Illuminotechnical characteristics

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

Optic	MWFL
Beam angles	MWFL
Optical efficiency	86.9%
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	Deep black
Dimensions	ØxH 119x112mm
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
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.

Regulations and Certifications

CE

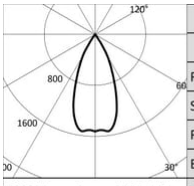
Warranty

5 years.

Photometries

1050mA

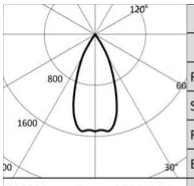
Fixture Power	36.1W
Nominal flux	4505lm
Fixture flux	3915lm
Luminous efficacy	108lm/W



2700K		H(m)	D(m)	Emax(lx)
Ra90			45°	
Fixture Power	36W	1	0.84	6849
Source Flux	4505lm	2	1.67	1712
Fixture Flux	3915lm	3	2.51	761
Efficacy	108lm/W	4	3.35	428
TS2017 Imax=1528cd/klm	Imax 6884cd	5	4.18	274

1400mA

Fixture Power	49.5W
Nominal flux	5733lm
Fixture flux	4982lm
Luminous efficacy	101lm/W



2700K		H(m)	D(m)	Emax(lx)
Ra90			45°	
Fixture Power	50W	1	0.84	8716
Source Flux	5733lm	2	1.67	2179
Fixture Flux	4982lm	3	2.51	968
Efficacy	101lm/W	4	3.35	545
TS2017 Imax=1528cd/klm	Imax 8760cd	5	4.18	349

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Related codes

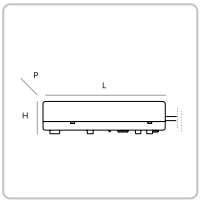
Mounting System



CODE	COLOUR	DRIVER	OUTPUT CURRENT	POWER SUPPLY
A075ELDB	●	ON-OFF	1050mA	220-240Vac
A075DADB	●	DALI	1050mA	220-240Vac
A075CADB	●	CASAMBI	1050mA	220-240Vac
A076ELDB	●	ON-OFF	1400mA	220-240Vac
A076DADB	●	DALI	1400mA	220-240Vac
A076CADB	●	CASAMBI	1400mA	220-240Vac

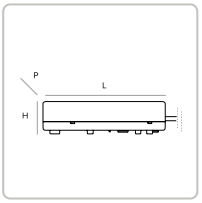
Surface mounting base with integrated driver.

Power Supply



CODE	IP	OUTPUT CURRENT	POWER SUPPLY	POWER	LXHXP
1T3781	IP20	1050mA	110-240Vac	max 42W	160x35x83mm
1T9513EL	IP20	1400mA	220-240Vac	60W	130x30x43mm

Electronic ON-OFF power supply.



CODE	IP	OUTPUT CURRENT	POWER SUPPLY	POWER	LXHXP
1T3783	IP20	1050mA	110-240Vac	max 42W	160x35x83mm
1T9513DA	IP20	1400mA	220-240Vac	60W	129x30x76mm

DALI power supply.

Mounting System



CODE	COLOUR
A071DB	●

Surface mounting base.



CODE	COLOUR
A072DB	●

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

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Accessories

Filter



CODE	Ø
1T3141	80mm

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.



CODE	Ø
1T3140	80mm

Flat glass micro prismatic refractive diffusive filter.
This softens the luminous effect.

No for DBS version.

Grid



CODE	Ø
1T3423	80mm

Anti-glare louver.
Black painted metal honeycomb structure.

No for DBS version.

Zoom



CODE	Ø
1T3432	80mm

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.

Cut-off



CODE	Ø
1T3142	80mm

Cut-off Tube.
Allows for the beam to be focused while removing the fall-off component.

No for DBS version.

Screen

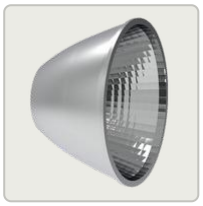


CODE	Ø
1T3143	80mm

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.

Optic



CODE	OPTIC	Ø
A057SPR	SP 14°	80mm
A057MFR	FL 25°	80mm
A057MWR	MWFL 45°	80mm

Interchangeable anodised reflective aluminium reflectors.
Available in Spot, Flood and Medium Wide Flood beams.

Not compatible with DBS version and NSP optics.

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.

Control systems



CODE

1T5349

IP20 wireless control unit with DALI interface.
It generates a local DALI2 bus, enhabling 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, maning 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

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.
LxHxP=102x25x36mm.



CODE

2T0131

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

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.
LxHxP=130x22x30mm.