PROJECTORS

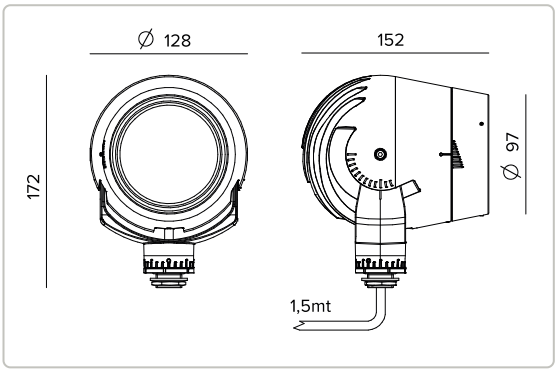
Vader Solo



Code
E012ZM830BT

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 80	Zoom 24°-41°	35.4W 3432-3551lm

POWER SUPPLY CONTROL	COLOUR
1050mA	



The figures on the drawing are expressed in mm.

2.15 IP66 IK09 CE

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

Technical Data

Concept

Adjustable outdoor professional projector equipped with a zoom optic.

Source

High efficiency Chip on Board LED Ra80 (3000K).	
Energy efficiency class	C
Nominal power	35W
Nominal flux	5591lm
Colour rendering index	80
Rf	84
Rg	97
CCT nominal	3000K
Lifetime (L80/B10)	56000h tq +25°C
Lifetime (L90/B10)	56000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
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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

Zoom optic composed of three PMMA elements operating together, a fixed TIR lens and a second adjustable lens. Rotation of 22° using the front sealing ring of the second lens allows for the zoom range between the minimum and maximum beam opening respectively of 24° and 41°. Graduated adjustment scale with 2 steps. Optic group pre-set for the installation of one or more dedicated optical accessories to be ordered separately.

Optic	Zoom
Beam angles	FL-MWFL
Optical efficiency	See photometries
Fixture flux	See photometries
Luminous efficacy	See photometries
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Die-cast aluminium body with 3 layers of protection: anodised, cataphoresis and black paint. The optical unit can be adjusted from -20° a +90° on the vertical plane and 355° on the horizontal plane with the possibility to block the beam. Extra-clear tempered front glass glued flush.

Colour and finish	Black
Dimensions	ØxH 97x152mm
Weight	2.15Kg
Degree of protection	IP66
Mechanical Resistance	IK09

Electrical characteristics

Optional power supply available with ON-OFF, 0-10V dimmable and DALI dimmable 1050mA electronic driver.

Fixture Power	35.4W
Power supply	1050mA
Insulation Class	CLASS 3
Driver included	NO
Ambient temperature	-25°C / +50°C

Installation

The product can be installed combined with one of the various installation accessories, to be ordered separately. Surface installation on bases, stakes, bollards, trees and poles.

Notes

Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

Regulations and Certifications

CE

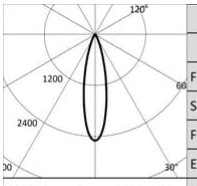
Warranty

5 years.

Photometries

SP / 1050mA

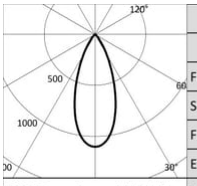
Fixture flux	3551lm
Luminous efficacy	100lm/W
Optical efficiency	63.52%



3000K		H(m)	D(m)	Emax(lx)
Ra80			24°	
Fixture Power	35W	1	0.43	13945
Source Flux	5591lm	2	0.87	3486
Fixture Flux	3551lm	3	1.30	1549
Efficacy	100lm/W	4	1.73	872
TS2031 Imax=2494cd/klm	Imax 13945cd	5	2.16	558

MWFL / 1050mA

Fixture flux	3432lm
Luminous efficacy	97lm/W
Optical efficiency	61.38%



3000K		H(m)	D(m)	Emax(lx)
Ra80			41°	
Fixture Power	35W	1	0.74	6148
Source Flux	5591lm	2	1.48	1537
Fixture Flux	3432lm	3	2.22	683
Efficacy	97lm/W	4	2.97	384
TS2032 Imax=1100cd/klm	Imax 6148cd	5	3.71	246

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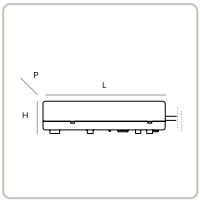
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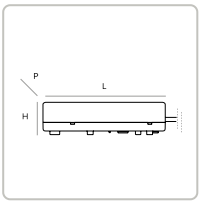
Related codes

Power Supply



CODE	IP	OUTPUT CURRENT	POWER SUPPLY	POWER	LXHXP
A080EL	IP20	1050mA	220-240Vac	40W MAX	129x30x42mm
A081EL	IP67	1050mA	220-240Vac	52W MAX	143x31x80mm

Electronic ON-OFF power supply.



CODE	IP	OUTPUT CURRENT	POWER SUPPLY	POWER	LXHXP
A080DA	IP20	1050mA	220-240Vac	50W MAX	124x22x79mm
A081DA	IP67	1050mA	220-240Vac	70W MAX	143x31x80mm

DALI power supply.

Accessories

Bracket



CODE	COLOUR
A044BT	●

Bracket for surface installation.
Powder coated stainless steel.

Mounting System



CODE	COLOUR
A040BT	●

Round base for surface installation of fixture.
Powder coated aluminium (with a stainless steel fixing bracket).



CODE	COLOUR
A041BT	●

Round base plate.
Powder coated stainless steel.

A041BT - To be completed with A040BT.



CODE	COLOUR	H
A047BT	●	244mm
A048BT	●	844mm

Spike with base for surface installation.

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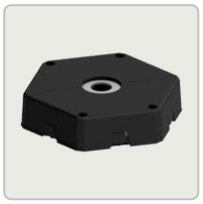
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CODE	COLOUR	H
A050BT	●	208mm
A051BT	●	808mm

Earthspike.



CODE	COLOUR
A042BT	●

Hexagonal base with a hole for projector surface installation.
Powder coated die-cast aluminium covering.
Stainless steel fixing base.



CODE	COLOUR
A043BT	●

Blind hexagonal base.
Powder coated die-cast aluminium covering.
Stainless steel fixing base.



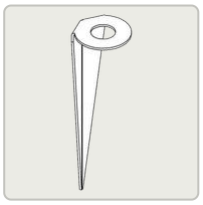
CODE	COLOUR
A052BT	●

Pole attachment for a single projector.
Anodised and powder coated aluminium.
Pole Ø 60mm.



CODE	COLOUR
A053BT	●

Pole attachment for two projectors.
Anodised and powder coated aluminium.
Pole Ø 60mm (+/-2mm).



CODE	COLOUR	H	Ø
1E3785BT	●	232mm	50mm

Earthspike.
Powder coated stainless steel.

Bracket



CODE	COLOUR
A049BT	●

Bracket for installation on trees.
To be completed with accessory strap A023.
Powder coated stainless steel.

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Mounting System



CODE	L
A023	2000mm

Strap for tree bracket (tree installation).



CODE	COLOUR
A045BT	●

Multiple base for surface installation of 2 projectors.
Powder coated stainless steel.



CODE	COLOUR
A046BT	●

Multiple base for surface installation of 3 projectors.
Powder coated stainless steel.

Screen



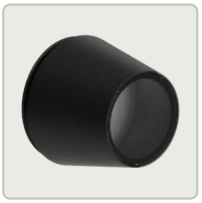
CODE	COLOUR
A036BT	●

Cylindrical screen.
Powder coated aluminium.
Short version.



CODE	COLOUR
A037BT	●

Asymmetric screen.
Powder coated aluminium.



CODE	COLOUR
A038BT	●

Cylindrical screen.
Powder coated aluminium.
Long version with prismatic glass.

Filter



CODE	COLOUR
A039BT	●

Blade of light filter.
Refractive glass filter with blade of light effect.
Completed with powder coated aluminum alloy holder ring.

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Connector



CODE

1E2493

Linear connection box IP68.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.

Tool



CODE

1E3305

Tightening wrench for the connector kit.

Control systems



CODE

1E3048

IP67 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=108x28x65mm.



CODE

1E4369

IP67 Extender for wireless control of LED driver with dimming DALI 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.
IP67 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 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=148x40x150mm.

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