

#### DATASHEET

Made in Italy



Pivot Mini 1, code: CP0101000050ST-1

Projectors for outdoor applications

20/05/2024 Rev. 39























#### **DESCRIPTION**

projector for outdoor applications; surface mounted (ceiling, wall, floor); Power consumption: 3,5W; Power supply: 24Vdc; Lumen output at source: 260 lm (3000K, 3.5W, CRI 80); Delivered lumen output: 158 lm (3000K, 15°, 3.5W, CRI 80); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 15°: optical system consisting of a high-efficiency TIR lens; CRI Colour Rendering Index: 80; Body material: body made of ANTICORODAL EN AW 6082 low-copper-content aluminium alloy for excellent resistance to corrosion, made entirely on a CNC lathe; Finishes: cor-ten finish obtained through an initial treatment with a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 1000 hours of salt spray.; RAL finish on request; Screen material: 3-mmthick transparent extra-clear glass with vitrified serigraphy, high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches; Seals: The NBR nitrile rubber O-rings ensure the fixture's IP rating is preserved, guaranteeing continued protection; power supply unit not included; includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Ingress protection: IP66; Impact resistance: IK06; Casambi control using the Casambi app with dedicated electronics; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; Operating temperature: -20°C - +45°C; Glow wire test: 960°; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 135 g; Dimensions: Ø25x49 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WBA02T Standard snoot - cor-ten, WBA03T Asymmetrical snoot - cor-ten; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

# DATASHEET TECHNICAL DATA



Power consumption   3,5W   Power supply   24Vdc   Power supply unit   power supply unit   power supply unit   power supply unit not included		
Power supply unit not included  LIGHTING CHARACTERISTICS  Number and type of LED 1 power LED 4 e60 000h L90 B10 (Ta 25°C)  LED colour 3000K  CRI Colour Rendering Index 80  Binning 2-step MacAdam  Optics 15°  Lumen output at source 260 Im (3000K, 3.5W, CRI 80)  Delivered lumen output 158 Im (3000K, 15°, 3.5W, CRI 80)  MECHANICAL CHARACTERISTICS  Dimensions 025x49 mm  Weight 135 g  Finishes 025x49 mm  Mounting with screws and plugs  Body material body in anticorodal aluminium  Screen material screen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66  Coperating temperature -20°C - 445°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2×0,35/0,75 06,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Dev/ce)  Photobiological safety photobiological safety: risk group 1 according to EN 82471:2006	ELECTRICAL CHARACTERISTICS	
Power supply unit   power supply unit not included	Power consumption	3,5W
Number and type of LED  Average LED life 60 000h L90 B10 (Ta 25°C)  LED colour 3000K  CRI Colour Rendering Index 80  Binning 2-step MacAdam  Optics 15°  Lumen output at source 260 lm (3000K, 15°, 3.5W, CRI 80)  Delivered lumen output 158 lm (3000K, 15°, 3.5W, CRI 80)  MECHANICAL CHARACTERISTICS  Dimensions Ø25x49 mm  Weight 135 g Finishes cor-ten Mounting with screws and plugs  Body material body in anticorodal aluminium  Screen material screen material screen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66 Operating temperature -20°C - +45°C Impact resistance IK06 Energy efficiency class Giow wire test Appliance class Class III  Walkover no Drive-over Power cables includes 5 m neoprene cable, HOSRN-F 2x0,35/0,75 06,3 mm Protection systems IPS (Intelligent Protection Systems); PID (Protective Impedance Device) Photobiological safety: risk group 1 according to EN 62471:2006	Power supply	24Vdc
Number and type of LED Average LED life 60 000h L90 B10 (Ta 25°C)  LED colour 3000K CRI Colour Rendering Index 80 Binning 2-step MacAdam Optics 15°  Lumen output at source 260 Im (3000K, 3.5W, CRI 80)  Delivered lumen output 158 Im (3000K, 15°, 3.5W, CRI 80)  MECHANICAL CHARACTERISTICS  Dimensions 025x49 mm Weight 135 g Finishes cor-ten Mounting Mounting Body material Soreen material soreen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66 Operating temperature -20°C - +45°C Impact resistance IK06 Energy efficiency class Giow wire test Appliance class Class III Walkover no Drive-over no Power cables IPS (Intelligent Protection System); PID (Protective Impedance Device) Photobiological safety	Power supply unit	power supply unit not included
Average LED life 60 000h L90 B10 (Ta 25°C)  LED colour 3000K  CRI Colour Rendering Index 80  Binning 2-step MacAdam  Optics 15°  Lumen output at source 260 Im (3000K, 3.5W, CRI 80)  Delivered lumen output 158 Im (3000K, 15°, 3.5W, CRI 80)  MECHANICAL CHARACTERISTICS  Dimensions 025x49 mm  Weight 135 g  Finishes 00-ten  Mounting with screws and plugs  Body material body in anticorodal aluminium  Screen material screen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66  Operating temperature -20°C - +45°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	LIGHTING CHARACTERISTICS	
LED colour         3000K           CRI Colour Rendering Index         80           Binning         2-step MacAdam           Optics         15°           Lumen output at source         260 Im (3000K, 3.5W, CRI 80)           Delivered lumen output         158 Im (3000K, 15°, 3.5W, CRI 80)           MECHANICAL CHARACTERISTICS           Dimensions         Ø25x49 mm           Weight         135 g           Finishes         cor-ten           Mounting         with screws and plugs           Body material         body in anticorodal aluminium           Screen material         screen in serigraphed, transparent, tempered extra-clear glass           GENERAL CHARACTERISTICS           Ingress protection         IP66           Operating temperature         -20°C - +45°C           Impact resistance         IK06           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Glow wire test         960°           Appliance class         class III           Walkover         no           Drive-over         no           Power cables         includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm           Protection systems         IPS (Intel	Number and type of LED	1 power LED
Binning 2-step MacAdam  Optics 15°  Lumen output at source 260 Im (3000K, 3.5W, CRI 80)  Delivered lumen output 158 Im (3000K, 15°, 3.5W, CRI 80)  MECHANICAL CHARACTERISTICS  Dimensions 025x49 mm  Weight 135 g  Finishes cor-ten with screws and plugs  Body material body in anticorodal aluminium  Screen material screws in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66  Operating temperature -20°C - +45°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Prive-over no  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Average LED life	60 000h L90 B10 (Ta 25°C)
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Optics 15°  Lumen output at source 260 Im (3000K, 3.5W, CRI 80)  Delivered lumen output 158 Im (3000K, 15°, 3.5W, CRI 80)  MECHANICAL CHARACTERISTICS  Dimensions 025x49 mm  Weight 135 g  Finishes cor-ten  Mounting with screws and plugs  Body material body in anticorodal aluminium  Screen material screen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66  Operating temperature -20°C - +45°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 06.3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety	CRI Colour Rendering Index	80
Lumen output at source 260 Im (3000K, 3.5W, CRI 80)  Delivered lumen output 158 Im (3000K, 15°, 3.5W, CRI 80)  MECHANICAL CHARACTERISTICS  Dimensions 025x49 mm  Weight 135 g  Finishes cor-ten  Mounting with screws and plugs  Body material body in anticorodal aluminium  Screen material screen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66  Operating temperature -20°C - +45°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Binning	2-step MacAdam
Delivered lumen output         158 Im (3000K, 15°, 3.5W, CRI 80)           MECHANICAL CHARACTERISTICS           Dimensions         Ø25x49 mm           Weight         135 g           Finishes         cor-ten           Mounting         with screws and plugs           Body material         body in anticorodal aluminium           Screen material         screen in serigraphed, transparent, tempered extra-clear glass           GENERAL CHARACTERISTICS           Ingress protection         IP66           Operating temperature         -20°C - +45°C           Impact resistance         IK06           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Glow wire test         960°           Appliance class         class III           Walkover         no           Drive-over         no           Power cables         includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm           Protection systems         IPS (Intelligent Protection System); PID (Protective Impedance Device)           Photobiological safety         photobiological safety: risk group 1 according to EN 62471:2006	Optics	15°
MECHANICAL CHARACTERISTICS         Dimensions       Ø25x49 mm         Weight       135 g         Finishes       cor-ten         Mounting       with screws and plugs         Body material       body in anticorodal aluminium         Screen material       screen in serigraphed, transparent, tempered extra-clear glass         GENERAL CHARACTERISTICS         Ingress protection       IP66         Operating temperature       -20°C - +45°C         Impact resistance       IK06         Energy efficiency class       F (light source) in accordance with EU 2019/2015         Glow wire test       960°         Appliance class       class III         Walkover       no         Drive-over       no         Power cables       includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm         Protection systems       IPS (Intelligent Protection System); PID (Protective Impedance Device)         Photobiological safety       photobiological safety: risk group 1 according to EN 62471:2006	Lumen output at source	260 lm (3000K, 3.5W, CRI 80)
Dimensions  ### ### ### ### ### ### ### ### ### #	Delivered lumen output	158 lm (3000K, 15°, 3.5W, CRI 80)
Weight 135 g  Finishes cor-ten  Mounting with screws and plugs  Body material body in anticorodal aluminium  Screen material screen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66  Operating temperature -20°C - +45°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	MECHANICAL CHARACTERISTICS	
Finishes cor-ten  Mounting with screws and plugs  Body material body in anticorodal aluminium  Screen material screen in serigraphed, transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66  Operating temperature -20°C - +45°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety	Dimensions	Ø25x49 mm
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Ingress protection IP66 Operating temperature -20°C - +45°C Impact resistance IK06 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960° Appliance class class III Walkover no Drive-over no Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device) Photobiological safety	Body material	body in anticorodal aluminium
Ingress protection IP66  Operating temperature -20°C - +45°C  Impact resistance IK06  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°  Appliance class class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Screen material	screen in serigraphed, transparent, tempered extra-clear glass
Operating temperature  -20°C - +45°C  Impact resistance  IK06  Energy efficiency class  F (light source) in accordance with EU 2019/2015  Glow wire test  960°  Appliance class  Class III  Walkover  no  Drive-over  no  Power cables  includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems  IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety  photobiological safety: risk group 1 according to EN 62471:2006	GENERAL CHARACTERISTICS	
Impact resistance  Energy efficiency class  F (light source) in accordance with EU 2019/2015  Glow wire test  960°  Appliance class  Class III  Walkover  no  Drive-over  no  Power cables  includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems  IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety  photobiological safety: risk group 1 according to EN 62471:2006	Ingress protection	IP66
Energy efficiency class  F (light source) in accordance with EU 2019/2015  Glow wire test  960°  Appliance class  Class III  Walkover  no  Drive-over  no  Power cables  includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems  IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety  photobiological safety: risk group 1 according to EN 62471:2006	Operating temperature	-20°C — +45°C
Glow wire test 960°  Appliance class Class III  Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Impact resistance	IK06
Appliance class  Walkover  no  Drive-over  no  Power cables  includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems  IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety  photobiological safety: risk group 1 according to EN 62471:2006	Energy efficiency class	F (light source) in accordance with EU 2019/2015
Walkover no  Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Glow wire test	960°
Drive-over no  Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Appliance class	class III
Power cables includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Walkover	no
Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Drive-over	no
Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Power cables	includes 5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm
	Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device)
Notes Casambi control using the Casambi app with dedicated electronics	Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
	Notes	Casambi control using the Casambi app with dedicated electronics

## PIVOT MINI 1, CODE: CP0101000050ST-1

## PHOTOMETRIC DATA AND ACCESSORIES



## PHOTOMETRIC DATA

## S - 15° CRI80

		Lux max	(3000K)	cd/Klm max 9136	- C0 - C180
H (m)	Ø (m)	2.5W	3.5W	1+1	H
1.00	0.27	1078	1443	$\times$	XX
2.00	0.54	269	361		
3.00	0.80	120	160	$\triangle$	
4.00	1.07	67	90	30°	30°
5.00	1.34	43	58	0°	

## **ACCESSORIES**

# Anti-glare



WBA02T Standard snoot - cor-ten



WBA03T Asymmetrical snoot - cor-ten

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