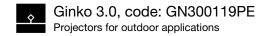




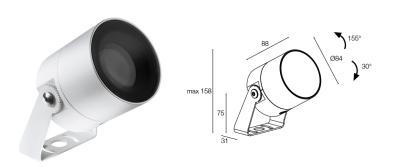
Made in Italy



25/11/2025 Rev. 14/2024







### **DESCRIPTION**

projector for outdoor applications; surface mounted (ceiling, wall, ground, spike); Power consumption: 15W; Power supply: 24Vdc; Lumen output at source: 1343 lm (3000K, 15W, CRI >90); Delivered lumen output: 945 lm (3000K, 42°, 15W, CRI >90); 1 high power density COB LED, 2-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 4000K; Optics: sharp 48°: SHARP optical system consisting of a plano-convex lens for an extremely well-defined light beam, combined with a high-quality technical filter; CRI Colour Rendering Index: >90; Body material: body made of ANTICORODAL 6082 low-copper-content aluminium alloy for excellent resistance to corrosion, made entirely on a CNC lathe. Bracket in AISI 316L stainless steel, tumble finished and painted; Finishes: white 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 1500 hours of salt spray. Paints compliant with the Qualicoat standard used in the automotive sector (RAL 9003); RAL finish on request; Screen material: 4-mm-thick transparent extra-clear glass, with high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches, with RAL 7015 grey vitrified serigraphy around the edge; power supply unit not included; includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP66, IP69; Impact resistance: IK09; 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided; version with bracket in customized height available on request; version in brass available on request; 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; Operating temperature: -20°C - +45°C; Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: 1250 g, stainless steel: 2405 g; Dimensions: Ø84x88 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WB8010E Standard snoot - white, WB8010N Standard snoot - black anodized, WB8020E Asymmetrical snoot white, WP0100 Spike for in-ground installation, WP1004 Fastener strap - 5 m, WP1006E Spike for in-ground installation - h 500 mm - white, WP1007E Spike for in-ground installation - h 800 mm - white, WR8000 Shadow-effect filter; 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



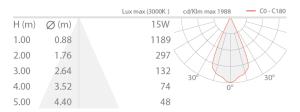
ELECTRICAL CHARACTERISTICS           Power consumption         15W           Power supply unit         power supply unit not included           Power supply unit         power supply unit not included           LOFATING CHARACTERISTICS         Power supply unit not included           LOFING CHARACTERISTICS         50 0000 L95 B10 (Ta 25°C)           LED colour         40000K           CRIL Colour Rendering Index         >90           Binning         2-step MacAdam           Optica         sharp 48°           Lumen output at source         1343 im (3000K, 15W, CRI >90)           Delivered lumen output         945 Im (3000K, 42°, 15W, CRI >90)           MECHANICAL CHARACTERISTICS         White RAL 9003           Weight         1250 g, stainless steel: 2405 g           Finishes         white RAL 9003           Mounting         white RAL 9003           Mounting         white RAL 9003           Mounting         screen in serigraphed-grey and transparent, tempered extra-clear glass           Screen material         screen in serigraphed-grey and transparent, tempered extra-clear glass           GENERAL CHARACTERISTICS         1766, IP69           Operating temperature         -20°C - +45°C           Ingress protection         IR69, IP69		
Power supply         24Vdc           Power supply unit         power supply unit not included           LIGHTING CHARACTERISTICS           Number and type of LED         1 high power density COB LED           Average LED life         50 000h L95 B10 (Ta 25°C)           LED colour         4000K           CRI Colour Rendering Index         >90           Binning         2-step MacAdam           Optics         sharp 48°           Lumen output at source         1343 Im (3000K, 15W, CRI >90)           Delivered lumen output         945 Im (3000K, 15W, CRI >90)           MECHANICAL CHARACTERISTICS         ***           Dimensions         Ø84x88 mm           Weight         1250 g, stainless steel: 2405 g           Finishes         white RAL 9003           Mounting         with bracket, screws and plugs           Body material         body in anticorodal aluminium, AISI 316L stainless steel bracket           Screen material         screen in serigraphed-grey and transparent, tempered extra-clear glass           GENERAL CHARACTERISTICS         ***           Ingress protection         IP66, IP69           Operating temperature         -20°C - 445°C           Impact resistance         IK09           Features         12°K84°, 28°K72° optics and s	ELECTRICAL CHARACTERISTICS	
Power supply unit not included  LIGHTING CHARACTERISTICS  Number and type of LED  Average LED life  50 000h L95 B10 (Ta 25°C)  LED colour  4000K  CRI Colour Rendering Index  90  Sinning  2-step MacAdam  Optics  sharp 48°  Lumen output at source  1343 im (3000K, 15W, CRI >90)  Belivered lumen output  945 lm (3000K, 42°, 15W, CRI >90)  MECHANICAL CHARACTERISTICS  Dimensions  Ø84x88 mm  Weight  1250 g, stainless steel: 2405 g  Finishes  Mounting  with bracket, sorews and plugs  Body material  body in anticorodal aluminium, AISI 316L stainless steel bracket  Screen material  screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection  IR66, IP69  Features  12°X64°, 28°X72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class  Glow wire test  960°C  Appliance class  Class III  Walkover  no  Prover coables  Frotection systems  IPS (Intelligent Protection System)  Protection systems  IPS (Intelligent Protection System)  Protess available on request; casambi app	Power consumption	15W
Number and type of LED  Number and type of LED  Average LED life  50 000h L95 B10 (Ta 25°C)  LED colour  4000K  CRI Colour Rendering Index  990  Binning  2-step MacAdam  Optics sharp 48°  Lumen output at source 1343 Im (3000K, 15W, CRI >90)  Belivered lumen output 945 Im (3000K, 42°, 15W, CRI >90)  MECHANICAL CHARACTERISTICS  Dimansions  Ø84888 mm  Veight 1250 g, stainless steel: 2405 g Finishes white RAL 9003  Mounting  with bracket, screws and plugs  Body in anticorodal aluminium, AISI 316L stainless steel bracket screen material body in anticorodal aluminium, AISI 316L stainless steel bracket screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket screen material Body material Body in anticorodal aluminium, AISI 316L stainless steel bracket screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material Body in anticorodal aluminium, AISI 316L stainless steel bracket Body in anticorodal aluminium, AISI 316L stainless steel bracket Body in anticorodal aluminium, AISI 316L stainless steel bracket Bod	Power supply	24Vdc
Number and type of LED Average LED life 50 000h L95 B10 (Ta 25°C)  LED colour 4000K CRI Colour Rendering Index 98 Binning 2-step MacAdam Optics sharp 48° Clumen output at source 1343 Im (3000K, 15W, CRI >90) Delivered lumen output 945 Im (3000K, 42°, 15W, CRI >90)  MECHANICAL CHARACTERISTICS  Dimensions 084x88 mm Weight 1250 g, stainless steel: 2405 g Finishes white RAL 9003 Body material body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69 Operating temperature 120°C - +45°C Impact resistance IK09 Features 122°A64°, 28°X72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class III Walkover no Drive-over no Power cables IPS (Intelligent Protection System) Photobiological safety Notes Version with bracks the customized height available on request; version in brass available on request; Casambi control using the Casambi app	Power supply unit	power supply unit not included
Average LED life         50 000h L95 B10 (Ta 25°C)           LED colour         4000K           CRI Colour Rendering Index         >90           Binning         2-step MacAdam           Optics         sharp 48°           Lumen output at source         1343 Im (3000K, 15W, CRI >90)           Delivered lumen output         945 Im (3000K, 42°, 15W, CRI >90)           MECHANICAL CHARACTERISTICS           Dimensions           Weight         1250 g, stainless steel: 2405 g           Finishes         white RAL 9003           Mounting         with bracket, screws and plugs           Body material         body in anticorodal aluminium, AISI 316L stainless steel bracket           Screen material         screen in serigraphed-grey and transparent, tempered extra-clear glass           GENERAL CHARACTERISTICS           Ingress protection         IP66, IP69           Operating temperature         -20°C - +45°C           Impact resistance         IK09           Features         1806° using the magnet provided           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Glow wire test         960°C           Appliance class         class III           Walkover         no <t< td=""><td>LIGHTING CHARACTERISTICS</td><td></td></t<>	LIGHTING CHARACTERISTICS	
LED colour  CRI Colour Rendering Index  >90  Binning  2-step MacAdam  Optics  sharp 48°  Lumen output at source 1343 Im (3000K, 15W, CRI >90)  Delivered lumen output 945 Im (3000K, 42°, 15W, CRI >90)  MECHANICAL CHARACTERISTICS  Dimensions  Ø84x88 mm  Weight 1250 g, stainless steel: 2405 g  Finishes white RAL 9003  Mounting with bracket, screws and plugs  Body material body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection  Ip66, IP69  Operating temperature Impact resistance  IK09  Features  12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class Filight source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class III  Walkover no  Drive-over no  Power cables IPS (Intelligent Protection System)  Photobiological safety Notes  Wersion with bracket in customized height available on request; version in brass available on request, casambi app	Number and type of LED	1 high power density COB LED
Binning 2-step MacAdam Optics sharp 48° Lumen output at source 1343 Im (3000K, 15W, CRI >90) Delivered lumen output at source 945 Im (3000K, 15W, CRI >90) MECHANICAL CHARACTERISTICS Dimensions 084x88 mm Weight 1250 g, stainless steel: 2405 g Finishes white RAL 9003 Mounting with bracket, screws and plugs Body material body in anticorodal aluminium, AISI 316L stainless steel bracket screw naterial screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS Ingress protection Ple6, IP69 Operating temperature 2-20°C - +45°C Impact resistance IK09 Features 360° using the magnet provided Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class (class III Valkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 06.3 mm Protection systems IPS (Intelligent Protection System) Photobiological safety in accordance with IEC TR 62778.2014 Notes version with bracket in customized height available on request; version in brass available on request; casambi control using the Casambi app	Average LED life	50 000h L95 B10 (Ta 25°C)
Binning         2-step MacAdam           Optics         sharp 48°           Lumen output at source         1343 lm (3000K, 15W, CRI >90)           Delivered lumen output         945 lm (3000K, 42°, 15W, CRI >90)           MECHANICAL CHARACTERISTICS           Dimensions         Ø84x88 mm           Weight         1250 g, stainless steel: 2405 g           Finishes         white RAL 9003           Mounting         with bracket, screws and plugs           Body material         body in anticorodal aluminium, AISI 316L stainless steel bracket           Screen material         screen in serigraphed-grey and transparent, tempered extra-clear glass           GENERAL CHARACTERISTICS           Ingress protection         IP66, IP69           Operating temperature         -20°C - +45°C           Impact resistance         IK09           Features         12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 36° using the magnet provided           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Glow wire test         960°C           Appliance class         class III           Walkover         no           Drive-over         no           Prover cables         includes 1.5 m neoprene cable H	LED colour	4000K
Optics sharp 48°  Lumen output at source 1343 Im (3000K, 15W, CRI >90)  Delivered lumen output 945 Im (3000K, 42°, 15W, CRI >90)  MECHANICAL CHARACTERISTICS  Dimensions 084x88 mm  Weight 1250 g, stainless steel: 2405 g Finishes white RAL 9003  Mounting with bracket, screws and plugs  Body material body in anticorodal aluminium, AISI 316L stainless steel bracket  Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 380° using the magnet provided  Energy efficiency class flight source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 06.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with bracket in customized height available on request; version in brass available on request; casambi control using the Casambi app	CRI Colour Rendering Index	>90
Lumen output at source 1343 Im (3000K, 15W, CRI >90)  Delivered lumen output 945 Im (3000K, 42°, 15W, CRI >90)  MECHANICAL CHARACTERISTICS  Dimensions 084x88 mm  Weight 1250 g, stainless steel: 2405 g  Finishes white RAL 9003  Mounting with bracket, screws and plugs  Body material body in anticorodal aluminium, AISI 316L stainless steel bracket  Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 1806°C  Appliance class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 06.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 6278:2014  Notes version with bracket in customized height available on request; version in brass available on request, casambi control using the Casambi app	Binning	2-step MacAdam
Delivered lumen output 945 Im (3000K, 42°, 15W, CRI >90)  MECHANICAL CHARACTERISTICS  Dimensions 084x88 mm  Weight 1250 g, stainless steel: 2405 g  Finishes white RAL 9003  Mounting with bracket, screws and plugs  Body material body in anticorodal aluminium, AISI 316L stainless steel bracket  Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 06.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes in brass available on request; Casambi control using the Casambi app	Optics	sharp 48°
MECHANICAL CHARACTERISTICS           Dimensions         Ø84x88 mm           Weight         1250 g, stainless steel: 2405 g           Finishes         white RAL 9003           Mounting         with bracket, screws and plugs           Body material         body in anticorodal aluminium, AISI 316L stainless steel bracket           Screen material         screen in serigraphed-grey and transparent, tempered extra-clear glass           GENERAL CHARACTERISTICS           Ingress protection         IP66, IP69           Operating temperature         -20°C - +45°C           Impact resistance         IK09           Features         12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Glow wire test         960°C           Appliance class         class III           Walkover         no           Drive-over         no           Power cables         includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm           Protection systems         IPS (Intelligent Protection System)           Photobiological safety         in accordance with IEC TR 62778:2014           Notes         version with bracket in customized height available on request; version in bras	Lumen output at source	1343 lm (3000K, 15W, CRI >90)
Dimensions	Delivered lumen output	945 lm (3000K, 42°, 15W, CRI >90)
Weight 1250 g, stainless steel: 2405 g  Finishes white RAL 9003  Mounting with bracket, screws and plugs  Body material body in anticorodal aluminium, AISI 316L stainless steel bracket  Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 06.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; version in	MECHANICAL CHARACTERISTICS	
Finishes white RAL 9003  Mounting with bracket, screws and plugs  Body material body in anticorodal aluminium, AISI 316L stainless steel bracket  Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; versi	Dimensions	Ø84x88 mm
Mounting with bracket, screws and plugs Body material body in anticorodal aluminium, AISI 316L stainless steel bracket Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69 Operating temperature -20°C - +45°C Impact resistance IK09 Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class III Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm Protection systems IPS (Intelligent Protection System) Photobiological safety in accordance with IEC TR 62778:2014 Notes version with bracket in customized height available on request; version in brass available on request; Casambi app	Weight	1250 g, stainless steel: 2405 g
Body material body in anticorodal aluminium, AISI 316L stainless steel bracket  Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Finishes	white RAL 9003
Screen material screen in serigraphed-grey and transparent, tempered extra-clear glass  GENERAL CHARACTERISTICS  Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Mounting	with bracket, screws and plugs
GENERAL CHARACTERISTICS  Ingress protection  IP66, IP69  Operating temperature  -20°C - +45°C  Impact resistance  IK09  Features  12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class  F (light source) in accordance with EU 2019/2015  Glow wire test  960°C  Appliance class  Class III  Walkover  no  Drive-over  no  Power cables  includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems  Protection systems  Photobiological safety  Notes  version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Body material	body in anticorodal aluminium, AISI 316L stainless steel bracket
Ingress protection IP66, IP69  Operating temperature -20°C - +45°C  Impact resistance IK09  Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi app	Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
Operating temperature Impact resistance Ik09 Features Il2°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class III Walkover no Drive-over no Power cables IPS (Intelligent Protection System) Photobiological safety In accordance with IEC TR 62778:2014 Notes  Version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	GENERAL CHARACTERISTICS	
Impact resistance Impact resistance Ik09 Features Icanor 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class Class III  Walkover no  Drive-over no  Power cables Includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety In accordance with IEC TR 62778:2014  Notes Version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Ingress protection	IP66, IP69
Features 12°x64°, 28°x72° optics and shadow-effect filter, adjustable through 360° using the magnet provided  Energy efficiency class F (light source) in accordance with EU 2019/2015  Glow wire test 960°C  Appliance class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Operating temperature	-20°C — +45°C
Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class Class III Walkover no Drive-over no Power cables Protection systems Photobiological safety IPS (Intelligent Protection System) IPS (Intelligent Protection System) In accordance with IEC TR 62778:2014  Notes Version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Impact resistance	IK09
Glow wire test 960°C  Appliance class class III  Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Features	
Appliance class  Walkover  no  Drive-over  no  Power cables  IPS (Intelligent Protection System)  Photobiological safety  Notes  version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Energy efficiency class	F (light source) in accordance with EU 2019/2015
Walkover no  Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Glow wire test	960°C
Drive-over no  Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Appliance class	class III
Power cables includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Walkover	no
Protection systems IPS (Intelligent Protection System)  Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Drive-over	no
Photobiological safety in accordance with IEC TR 62778:2014  Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Power cables	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
Notes version with bracket in customized height available on request; version in brass available on request; Casambi control using the Casambi app	Protection systems	IPS (Intelligent Protection System)
in brass available on request; Casambi control using the Casambi app	Photobiological safety	in accordance with IEC TR 62778:2014
	Notes	in brass available on request; Casambi control using the Casambi app

# PHOTOMETRIC DATA AND ACCESSORIES



## PHOTOMETRIC DATA

P - 48° sharp CRI 80



## **ACCESSORIES**

# Installation Accessories

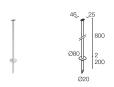






WP0100

Spike for in-ground installation



#### WP1006E

Spike for in-ground installation - h 500 mm - white

#### WP1007E

Spike for in-ground installation - h 800 mm - white

# Anti-glare





#### WB8010E

Standard snoot - white



#### WB8010N

Standard snoot - black anodized



#### WB8020E

Asymmetrical snoot - white

## PHOTOMETRIC DATA AND ACCESSORIES



# **Optical Accessories**



# WR8000

Shadow-effect filter built into the lighting fixture

the shadow-effect filter can be fitted to the 48° sharp optics Order together with the lighting fixture

# Other



# WP1004

Fastener strap - 5 m

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.