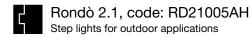




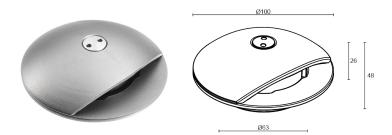
Made in Italy



5/12/2025 Rev. 12/202







#### DESCRIPTION

step light for outdoor applications, single beam; drive-over up to 5000 kg; walkover; recessed (floor); Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 185 lm (3000K); Delivered lumen output: 85 lm (3000K, radial optics); 1 power LED, 1/4 ANSI BIN, 50 000h L95 B10 (Ta 25°C); LED colour: 3000K; Optics: radial: optical system consisting of a high-efficiency TIR lens; Upward flux fraction: 46,15% (radial optics), 30,61% (10°); CRI Colour Rendering Index: 80; Body material: body made of micro-cast AISI 316L stainless steel, produced entirely on a CNC lathe; Finishes: anthracite finish obtained through micro-shot peening, an electrolytic passivation treatment and electropolishing; then painted 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 testing. Paints compliant with the Qualicoat standard used in the automotive sector; RAL finish on request; Screen material: Rilsan® Clear protective screen in clear PA12 polyamide with high mechanical and optical performance; Seals: Oring in 4-mm expanded silicone; power supply unit not included; includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Ingress protection: IP65, IP67; Impact resistance: IK08; 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; Maximum device temperature: 45°C (Ta 25°C); Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 730 g; Dimensions: Ø100x48 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0100 Tool for tamper-resistant screws; 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

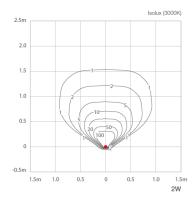


ELECT HICKLE CHARACTERISTICS         2W           Power supply         24Vdc           Power supply unit         power supply unit not included           LIGHTING CHARACTERISTICS         W           Number and type of LED         1 power LED           Average LED life         50 000h L95 B10 (Ta 25°C)           EED colour         3000K           CPI Colour Pendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         85 Im (3000K)           MECHANICAL CHARACTERISTICS         WEINTERISTICS           Dimensions         9100x48 mm           Weight         730 g           Finishes         anthracte           Mounting         with outer casing           Body material         body in AISI 316 Latinless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS         Impact resistance           Ingress protection         IP65, IP67           Operating temperature         20°C – 445°C           Ingress protection         IR0           Maximum device temperature         45°C (Ta 25°C)           Applianc	ELECTRICAL CHARACTERISTICS	
Power supply         24Vdc           Power supply unit         power supply unit not included           LIGHTING CHARACTERISTICS         Tower LED           Average LED life         50 000h L95 B10 (Ta 25°C)           LED colour         3000K           CRI Colour Rendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Deliveed lumen output         85 Im (3000K)           MECHANICAL CHARACTERISTICS         Tower Legal           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan@ Clear           GENERAL CHARACTERISTICS         Impact resistance           Impress protection         [P65, IP67           Operating temperature         20°C – +45°C           Impact resistance         IK08           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         L           Orivie-over         yes	ELECTRICAL CHARACTERISTICS	
Power supply unit         power supply unit not included           LIGHTING CHARACTERISTICS           Number and type of LED         1 power LED           Average LED life         50 000h L95 B10 (Ta 25°C)           LED colour         3000K           CRI Colour Rendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         80 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS         The contract of the co	Power consumption	2W
LIGHTING CHARACTERISTICS           Number and type of LED         1 power LED           Average LED life         50 000h L95 B10 (Ta 26°C)           LED colour         3000K           CRI Colour Rendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 im (3000K)           Delivered lumen output         85 im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         Ø100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         IP65, IP67           Operating temperature         -20°C – +45°C           Impact resistance         IK08           Energy efficiency class         f (light source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         light source) in accordance with EU 2019/2015           Maximum device temperature         up to 5000 kg	Power supply	24Vdc
Number and type of LED         1 power LED           Average LED life         50 000h L95 B10 (Ta 25°C)           LED colour         3000K           CRI Colour Rendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         \$10 (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Weight           Winght         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           CENERAL CHARACTERISTICS           Ingess protection         [P65, IP67           Operating temperature         -20°C - +45°C           Impact resistance         IK08           Energy efficiency class         F (80 trace) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         Lass III           Walkover         yes           Drive-over         up to 50000 kg           Prover cables         includes 1.5 m neo	Power supply unit	power supply unit not included
Average LED life         50 000h L95 B10 (Ta 25°C)           LED colour         3000K           CRI Colour Rendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         85 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         Ø 100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         IP65, IP67           Operating temperature         -20°C - +45°C           Impact resistance         IK08           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Maximum device temperature         yes Cra 25°C)           Walkover         yes           Drive-over         up to 5000 kg           Prover cables         includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm           Prover cables         photobiological safety: risk gro	LIGHTING CHARACTERISTICS	
LED colour         3000K           CRI Colour Rendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         85 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         Ø100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         [P65, IP67           Operating temperature         2°°C − 445°C           Ingress protection         [KB           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         class III           Walkover         yes           Drive-over         up to 5000 kg           Prover cables         includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 06,3 mm           Protection systems         photobiological safety: risk group 1 accordi	Number and type of LED	1 power LED
CRI Colour Rendering Index         80           Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         85 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         Ø100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Bilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         P66, IP67           Operating temperature         -20°C - +45°C           Inspact resistance         IR (ight source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         class III           Valkover         yes           Drive-over         up to 5000 kg           Prover cables         includes 1.5 m neoprene cable, HOSRN-F 2x0,35/0,75 Ø6,3 mm           Protection systems         Photobiological safety: risk group 1 according to EN 62471:2006	Average LED life	50 000h L95 B10 (Ta 25°C)
Binning         1/4 ANSI BIN           Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         85 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         Ø100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         IP65, IP67           Operating temperature         20°C − +45°C           Impact resistance         IK08           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         class III           Walkover         yes           Drive-over         up to 5000 kg           Prover cables         includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 06,3 mm           Protection systems         Photobiological safety: risk group 1 according to EN 62471:2006	LED colour	3000K
Optics         radial           Lumen output at source         185 Im (3000K)           Delivered lumen output         85 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         0100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         IP65, IP67           Operating temperature         -20°C - +45°C           Impact resistance         IK08           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         class III           Walkover         yes           Drive-over         up to 5000 kg           Power cables         includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 06,3 mm           Protection systems         IPS (Intelligent Protection System)           Photobiological safety         photobiological safety: risk group 1 according to EN 62471:2006	CRI Colour Rendering Index	80
Lumen output at source         185 Im (3000K)           Delivered lumen output         85 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         Ø100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         IP65, IP67           Operating temperature         -20°C - +45°C           Impact resistance         IKO8           Energy efficiency class         f (light source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         class III           Walkover         yes           Drive-over         up to 5000 kg           Power cables         includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm           Protection systems         Photobiological safetty: risk group 1 according to EN 62471:2006	Binning	1/4 ANSI BIN
Delivered lumen output         85 Im (3000K, radial optics)           MECHANICAL CHARACTERISTICS           Dimensions         Ø100x48 mm           Weight         730 g           Finishes         anthracite           Mounting         with outer casing           Body material         body in AISI 316L stainless steel           Screen material         screen in Rilsan® Clear           GENERAL CHARACTERISTICS           Ingress protection         IP65, IP67           Operating temperature         -20°C - +45°C           Impact resistance         IK08           Energy efficiency class         F (light source) in accordance with EU 2019/2015           Maximum device temperature         45°C (Ta 25°C)           Appliance class         class III           Walkover         yes           Drive-over         up to 5000 kg           Prover cables         includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm           Protection systems         IPS (Intelligent Protection System)           Photobiological safety         photobiological safety: risk group 1 according to EN 62471:2006	Optics	radial
MECHANICAL CHARACTERISTICSDimensionsØ100x48 mmWeight730 gFinishesanthraciteMountingwith outer casingBody materialbody in AISI 316L stainless steelScreen materialscreen in Rilsan® ClearGENERAL CHARACTERISTICSIngress protectionIP65, IP67Operating temperature-20°C - +45°CImpact resistanceIK08Energy efficiency classF (light source) in accordance with EU 2019/2015Maximum device temperature45°C (Ta 25°C)Appliance classclass IIIWalkoveryesDrive-overup to 5000 kgPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Lumen output at source	185 lm (3000K)
Dimensions Ø100x48 mm  Weight 730 g  Finishes anthracite  Mounting with outer casing  Body material body in AISI 316L stainless steel  Screen material screen in Rilsan® Clear  GENERAL CHARACTERISTICS  Ingress protection IP65, IP67  Operating temperature -20°C - +45°C  Impact resistance IK08  Energy efficiency class F (light source) in accordance with EU 2019/2015  Maximum device temperature 45°C (Ta 25°C)  Appliance class III  Walkover yes  Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety: risk group 1 according to EN 62471:2006	Delivered lumen output	85 lm (3000K, radial optics)
Weight730 gFinishesanthraciteMountingwith outer casingBody materialbody in AISI 316L stainless steelScreen materialscreen in Rilsan® ClearGENERAL CHARACTERISTICSIngress protectionIP65, IP67Operating temperature-20°C - +45°CImpact resistanceIK08Energy efficiency classF (light source) in accordance with EU 2019/2015Maximum device temperature45°C (Ta 25°C)Appliance classclass IIIWalkoveryesDrive-overup to 5000 kgPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safety: risk group 1 according to EN 62471:2006	MECHANICAL CHARACTERISTICS	
Finishes Mounting Mounting With outer casing Body material Body material Screen material Screen material Screen material Beneficiancy Clear  Finishes Impact resistance Impact resistance Impact resistance Impact resistance Impact resistance In (Iii) to source) in accordance with EU 2019/2015 Impact resistance Impact r	Dimensions	Ø100x48 mm
Mounting with outer casing Body material body in AISI 316L stainless steel Screen material screen in Rilsan® Clear  GENERAL CHARACTERISTICS  Ingress protection IP65, IP67 Operating temperature -20°C - +45°C  Impact resistance IK08 Energy efficiency class F (light source) in accordance with EU 2019/2015  Maximum device temperature 45°C (Ta 25°C) Appliance class Class III  Walkover yes  Drive-over up to 5000 kg Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System) Photobiological safety	Weight	730 g
Body materialbody in AISI 316L stainless steelScreen materialscreen in Rilsan® ClearGENERAL CHARACTERISTICSIngress protectionIP65, IP67Operating temperature-20°C - +45°CImpact resistanceIK08Energy efficiency classF (light source) in accordance with EU 2019/2015Maximum device temperature45°C (Ta 25°C)Appliance classclass IIIWalkoveryesDrive-overup to 5000 kgPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Finishes	anthracite
Screen materialscreen in Rilsan® ClearGENERAL CHARACTERISTICSIngress protectionIP65, IP67Operating temperature-20°C - +45°CImpact resistanceIK08Energy efficiency classF (light source) in accordance with EU 2019/2015Maximum device temperature45°C (Ta 25°C)Appliance classclass IIIWalkoveryesDrive-overup to 5000 kgPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Mounting	with outer casing
Ingress protection IP65, IP67  Operating temperature -20°C - +45°C  Impact resistance IK08  Energy efficiency class F (light source) in accordance with EU 2019/2015  Maximum device temperature 45°C (Ta 25°C)  Appliance class class III  Walkover yes  Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Body material	body in AISI 316L stainless steel
Ingress protection IP65, IP67  Operating temperature -20°C - +45°C  Impact resistance IK08  Energy efficiency class F (light source) in accordance with EU 2019/2015  Maximum device temperature 45°C (Ta 25°C)  Appliance class III  Walkover yes  Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Screen material	screen in Rilsan® Clear
Operating temperature Impact resistance Iko8 Energy efficiency class F (light source) in accordance with EU 2019/2015  Maximum device temperature 45°C (Ta 25°C)  Appliance class Ill  Walkover yes  Drive-over Drive-over Power cables Includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems Photobiological safety Photobiological safety Photobiological safety: risk group 1 according to EN 62471:2006	GENERAL CHARACTERISTICS	
Impact resistance IK08  Energy efficiency class F (light source) in accordance with EU 2019/2015  Maximum device temperature 45°C (Ta 25°C)  Appliance class Class III  Walkover yes  Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Ingress protection	IP65, IP67
Energy efficiency class F (light source) in accordance with EU 2019/2015  Maximum device temperature 45°C (Ta 25°C)  Appliance class III  Walkover yes  Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Operating temperature	-20°C — +45°C
Maximum device temperature 45°C (Ta 25°C)  Appliance class  Walkover yes  Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Impact resistance	IK08
Appliance class  Walkover  yes  Drive-over  up to 5000 kg  Power cables  includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems  IPS (Intelligent Protection System)  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 yes  Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Maximum device temperature	45°C (Ta 25°C)
Drive-over up to 5000 kg  Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Appliance class	class III
Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm  Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Walkover	yes
Protection systems IPS (Intelligent Protection System)  Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Drive-over	up to 5000 kg
Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Power cables	includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm
	Protection systems	IPS (Intelligent Protection System)
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

### PHOTOMETRIC DATA AND ACCESSORIES



# PHOTOMETRIC DATA



## **ACCESSORIES**

# Installation Accessories



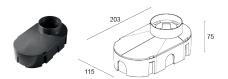


WC0100 Outer casing





WC0103 Outer casing



WC0150 Outer casing

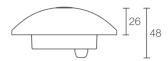
### Other



WE0100 Tool for tamper-resistant screws

### PHOTOMETRIC DATA AND ACCESSORIES





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