



Made in Italy



Lyss 1.0, code: LY1010FYF Projectors for outdoor applications

31/03/2025 Rev. 13/2024



















DESCRIPTION

projector for outdoor applications; surface mounted (windowsill, arch); Power consumption: 5W; Power supply: 230Vac; Lumen output at source: 347 lm (3000K, 5W); Delivered lumen output: 109 lm (3000K, 20°x180°, 5W); 2 power LEDs, 1/4 ANSI BIN, 50 000h L95 B10 (Ta 25°C); LED colour: 2700K; Optics: satin 20°x180°: optical system consisting of satin TIR lens combined with a shielding element to obtain a soft and aberration-free semicircular light beam; CRI Colour Rendering Index: 80; Body material: body made of low-copper-content die-cast aluminium alloy EN AB 47100 for excellent resistance to corrosion; Finishes: grey 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. Paints compliant with the Qualicoat standard used in the automotive sector (RAL 9006); RAL finish on request; Screen material; screen made of 4-mm curved extra-clear glass, printed inside with ceramic paint and serigraphed, with excellent resistance to scratches; built-in power supply unit; includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm; Ingress protection: IP65; Impact resistance: IK05; Protection systems: 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°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class I; Weight: 790 g; Dimensions: 130x92x54 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0301 Outer casing, WD0500F Connection housing - grey; 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



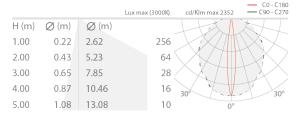
Power consumption SW 230Vac Power supply unit Dever supply s		
Power supply 230Vac Power supply unit built-in power supply unit LIGHTING CHARACTERISTICS Number and type of LED 2 power LEDs Average LED life 50 000h L95 B10 (Ta 25°C) LED colour 2700K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics satin 20"x180° Lumen output at source 347 Im (3000K, 5W) Delivered lumen output 109 im (3000K, 20"x180", 5W) MECHANICAL CHARACTERISTICS Dimensions Dimensions 130x92x54 mm Weight 780 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class	ELECTRICAL CHARACTERISTICS	
Power supply unit built-in power supply unit	Power consumption	5W
Number and type of LED Average LED life 50 000h L95 B10 (Ta 26°C) LED colour 2700K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics satin 20°x180° Lumen output at source 347 Im (3000K, 20°x180°, 5W) Delivered lumen output 109 Im (3000K, 20°x180°, 5W) MECHANICAL CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting Body material Socreen material Socreen material Socreen material Socreen material Socreen material Socreen material Body and crease aluminium Screen material Socreen material Finishes GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test Walkover no Drive-over no Power cables Finctuctive Impedance Device)	Power supply	230Vac
Number and type of LED 2 power LEDs Average LED life 50 000h L95 B10 (Ta 25°C) LED colour 2700K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics satin 20°x180° Lumen output at source 347 Im (3000K, 5W) Delivered lumen output 199 Im (3000K, 20°x180°, 5W) MECHANICAL CHARACTERISTICS TSOME THE CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS IP65 Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no	Power supply unit	built-in power supply unit
Average LED life 50 000h L95 B10 (Ta 25°C) LED colour 2700K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics satin 20"x180° Lumen output at source 347 Im (3000K, 5W) Delivered lumen output 109 Im (3000K, 20"x180", 5W) MECHANICAL CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection Ingress protection IP65 Operating temperature -20"C - +45"C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960"C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 07 mm	LIGHTING CHARACTERISTICS	
LED colour 2700K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics satin 20°x180° Lumen output at source 347 Im (3000K, 5W) Delivered lumen output 109 Im (3000K, 20°x180°, 5W) MECHANICAL CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 07 mm Protection systems <td>Number and type of LED</td> <td>2 power LEDs</td>	Number and type of LED	2 power LEDs
CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics satin 20°x180° Lumen output at source 347 Im (3000K, 5W) Delivered lumen output 109 Im (3000K, 20°x180°, 5W) MECHANICAL CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS IP65 Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 07 mm Protection systems PID (Protective Impedance Device)	Average LED life	50 000h L95 B10 (Ta 25°C)
Binning 1/4 ANSI BIN Optics satin 20°x180° Lumen output at source 347 Im (3000K, 5W) Delivered lumen output 109 Im (3000K, 20°x180°, 5W) MECHANICAL CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 07 mm PlD (Protective Impedance Device)	LED colour	2700K
Coptics satin 20°x180° Lumen output at source 347 lm (3000K, 5W) Delivered lumen output 109 lm (3000K, 20°x180°, 5W) MECHANICAL CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 07 mm Protection systems PID (Protective Impedance Device)	CRI Colour Rendering Index	80
Lumen output at source347 Im (3000K, 5W)Delivered lumen output109 Im (3000K, 20°x180°, 5W)MECHANICAL CHARACTERISTICSDimensions130x92x54 mmWeight790 gFinishesgrey RAL 9006Mountingwith adjustable mounting plateBody materialbody in die-cast aluminiumScreen materialscreen in serigraphed extra-clear glassGENERAL CHARACTERISTICSIngress protectionIP65Operating temperature-20°C - +45°CImpact resistanceIK05Impact resistanceIK05Glow wire test960°CAppliance classclass IWalkovernoDrive-overnoPower cablesincludes 1.5 m neoprene cable H05RN-F 3x1,0 07 mmProtection systemsPID (Protective Impedance Device)	Binning	1/4 ANSI BIN
Delivered lumen output 109 Im (3000K, 20°x180°, 5W) MECHANICAL CHARACTERISTICS Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 07 mm Protection systems PID (Protective Impedance Device)	Optics	satin 20°x180°
MECHANICAL CHARACTERISTICSDimensions130x92x54 mmWeight790 gFinishesgrey RAL 9006Mountingwith adjustable mounting plateBody materialbody in die-cast alluminiumScreen materialscreen in serigraphed extra-clear glassGENERAL CHARACTERISTICSIngress protectionIP65Operating temperature-20°C - +45°CImpact resistanceIK05Energy efficiency classF (light source) in accordance with EU 2019/2015Glow wire test960°CAppliance classclass IWalkovernoDrive-overnoPower cablesincludes 1.5 m neoprene cable H05RN-F 3x1,0 07 mmProtection systemsPID (Protective Impedance Device)	Lumen output at source	347 lm (3000K, 5W)
Dimensions 130x92x54 mm Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test Appliance class Class I Walkover no Drive-over no Power cables PID (Protective Impedance Device)	Delivered lumen output	109 lm (3000K, 20°x180°, 5W)
Weight 790 g Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	MECHANICAL CHARACTERISTICS	
Finishes grey RAL 9006 Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Dimensions	130x92x54 mm
Mounting with adjustable mounting plate Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Weight	790 g
Body material body in die-cast aluminium Screen material screen in serigraphed extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables PID (Protective Impedance Device)	Finishes	grey RAL 9006
Screen material GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class Class I Walkover no Drive-over Power cables Protection systems Screen in serigraphed extra-clear glass IR05 IP65 Class I Modes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm PID (Protective Impedance Device)	Mounting	with adjustable mounting plate
Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Body material	body in die-cast aluminium
Ingress protection IP65 Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Screen material	screen in serigraphed extra-clear glass
Operating temperature -20°C - +45°C Impact resistance IK05 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class Class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	GENERAL CHARACTERISTICS	
Impact resistance Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class Class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Ingress protection	IP65
Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Operating temperature	-20°C — +45°C
Glow wire test 960°C Appliance class class Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Impact resistance	IK05
Appliance class Walkover no Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	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 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Glow wire test	960°C
Drive-over no Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Appliance class	class I
Power cables includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm Protection systems PID (Protective Impedance Device)	Walkover	no
Protection systems PID (Protective Impedance Device)	Drive-over	no
	Power cables	includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm
Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	Protection systems	PID (Protective Impedance Device)
	Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006

PHOTOMETRIC DATA AND ACCESSORIES



PHOTOMETRIC DATA





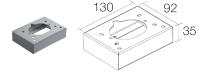
ACCESSORIES

Installation Accessories



WC0301 Outer casing

Other



WD0500F

Connection housing - grey

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