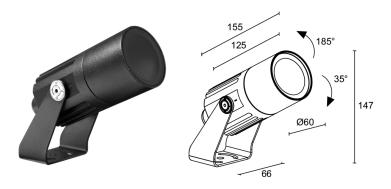


Made in Italy



Flori 1.0, code: FS101005XH Projectors for outdoor applications



DESCRIPTION

projector for outdoor applications; surface mounted (ceiling, wall, ground, spike, strap); Power consumption: 7W; Power supply: 230Vac; Lumen output at source: 657 lm (3000K, CRI 80); Delivered lumen output: 366 lm (3000K, 31°, CRI 80); 1 power LED High Intensity, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 45°x10°; CRI Colour Rendering Index: 80; Body material: body in aluminium; Finishes: anthracite; RAL finish on request; Screen material: screen in serigraphed, transparent and tempered extra-clear glass; built-in power supply unit; includes 1.5 m neoprene cable H05RN-F 3x1.0 Ø7 mm; Ingress protection: IP66; Impact resistance: IK07; version with 24Vdc power supply available on request; 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°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class I; Weight: 800 g; Dimensions: Ø60x154x147 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WB1001H Standard snoot - anthracite, WB1002H Asymmetrical snoot - anthracite, WB1003N Barn doors - black, WHA0005 Honeycomb louvre , WP0100 Spike for in-ground installation, WP1001H Spike with bracket for in-ground installation - h 500 mm - anthracite, WP1002H Spike with bracket for inground installation - h 800 mm - anthracite, WP1003H Arm with bracket for wall-mounted installation - h 420 mm - anthracite, WP1004 Fastener strap - 5 m; 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 7W Power supply 230Vac Power supply unit built-in power supply unit LIGHTING CHARACTERISTICS Inpower LED High Intensity Average LED life 50 000 h 20 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 3-step MacAdam Optics 45°x10° Lumen output at source 660 (m 3000K, S1°, CRI 80) Delivered lumen output 366 (m 3000K, S1°, CRI 80) Delivered lumen output 366 (m 3000K, S1°, CRI 80) Delivered lumen output 860 (m 3000K, S1°, CRI 80) Delivered lumen output 860 (m 3000K, S1°, CRI 80) Delivered lumen output 860 (m 3000K, S1°, CRI 80) Delivered lumen output 860 (m 3000K, S1°, CRI 80) Screen material screen serigraphed, transparent, tempered extra-clear glass Body material body in aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingrass protection Ingrass protection Screen material <th></th> <th></th>		
Power supply230/acPower supply unitbullt-in power supply unitLICHTING CHARACTERISTICSNumber and type of LED1 power LED High IntensityAverage LED life50 000h L90 B10 (Ta 25°C)LED colour3000KCRI Colour Rendering Index80Binning3-step MacAdamOptics45°x 10°Lumen output at source657 Im (3000K, CRI 80)Delivered lumen output369 Im (3000K, CRI 80)Delivered lumen output800 gFinishesanthraciteMountingbody in aluminiumScreen materialscreen in sergaphed, transparent, tempered extra-clear glassGENERAL CHARACTERISTICSFights source) in accordance with EU 2019/2015Impact resistanceFight source) in accordance with EU 2019/2015Glow wire test960°CAppliance classclass 1WalkovernoPower cablesincludes 1.5 m neoprene cable H05RN-F 3x1.0 Q7 rmProtection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Protection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Protection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Protection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)	ELECTRICAL CHARACTERISTICS	
Power supply unit built-in power supply unit LIGHTING CHARACTERISTICS Number and type of LED 1 power LED High Intensity Average LED life 50 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 3-step MacAdam Optics 45°x10° Lumen output at source 657 Im (3000K, CRI 80) Delivered lumen output 366 im (300K, 31°, CRI 80) Delivered lumen output 366 im (300K, 31°, CRI 80) Methyl 360 g Finishes 040x1, 54x147 mm Weight 80 0 g Finishes anttracite Mounting with bracket, screws and plugs Body material body in aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass CHERAL CHARACTERISTICS Impact resistance Ingress protection IP66 Operating temperature -20°C - +45°C Impact resistance K07 Energy efficiency class F (light source) in accordiance with EU 2019/2015 Glow	Power consumption	7W
LIGHTING CHARACTERISTICS Number and type of LED 1 power LED High Intensity Average LED Ife 50 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 3-step MacAdam Optics 45°x 10° Lumen output at source 657 Im (3000K, CRI 80) Delivered lumen output 366 Im (3000K, S1°, CRI 80) Delivered lumen output 366 Im (3000K, 31°, CRI 80) MECHANICAL CHARACTERISTICS 060x154/x147 mm Weight 800 g Finishes anthracite Mounting with bracket, screws and plugs Body material body in aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass CHERAL CHARACTERISTICS Impact resistance Ingress protection IP66 Operating temperature 20°C - 445°C Impact resistance IK07 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class class I Va	Power supply	230Vac
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CRI Colour Rendering Index 80 Binning 3-step MacAdam Optics 45°x10° Lumen output at source 657 Im (3000K, CRI 80) Delivered lumen output 366 Im (3000K, S1°, CRI 80) MECHANICAL CHARACTERISTICS 500 g Dimensions Ø60x154x147 mm Weight 800 g Finishes anthracite Mounting with bracket, screws and plugs Body material body in aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GERERAL CHARACTERISTICS 100° C Impact resistance 100° C Impact resistance 20° C - +45° C Impact resistance 100° C Glow wire test 980° C Appliance class 108 C Walkover no Prive-over no Prive-over no Protection systems IPS (Intelligent Protection System); PID (Protective Impedance Device) Protection systems IPS biological safety: risk group 1 according to EN 62471:2006	Average LED life	50 000h L90 B10 (Ta 25°C)
Binning3-step MacAdamOptics45°x10°Lumen output at source657 Im (3000K, CRI 80)Delivered lumen output366 Im (3000K, S1°, CRI 80)MECHANICAL CHARACTERISTICSDimensions060x154x147 mmWeight800 gFinishesanttraciteMountingwith bracket, screws and plugsBody materialbody in aluminiumScreen materialceren in serigraphed, transparent, tempered extra-clear glassOperating temperature-20°C - +45°CImpact resistanceIK07Entergy efficiency classClight source) in accordance with EU 2019/2015Glow wire test96°CAppliance classclass IWalkovernoPrive-overnoProtection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Protobiological safetyphotobiological safety: risk group 1 according to EN 62471:2005	LED colour	3000K
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Lumen output at source657 Im (3000K, CRI 80)Delivered lumen output366 Im (3000K, 31°, CRI 80)MECHANICAL CHARACTERISTICS060x154x147 mmWeight800 gFinishesanthraciteMountingwith bracket, screws and plugsBody materialbody in aluminiumScreen materialscreen in serigraphed, transparent, tempered extra-clear glassGENERAL CHARACTERISTICSIngress protectionIP66Operating temperature-20°C - ±45°CIngress protectionIK07Energy efficiency classF (light source) in accordance with EU 2019/2015Glow wire test960°CAppliance classclass 1MikovernoDrive-overnoProtection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Binning	3-step MacAdam
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Mountingwith bracket, screws and plugsBody materialbody in aluminiumScreen materialscreen in serigraphed, transparent, tempered extra-clear glassGENERAL CHARACTERISTICSIngress protectionIP66Operating temperature-20°C - +45°CImpact resistanceIK07Energy 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 systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Weight	800 g
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Energy 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 Ø7 mmProtection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Operating temperature	-20°C — +45°C
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Appliance classclass IWalkovernoDrive-overnoPower cablesincludes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mmProtection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Energy efficiency class	F (light source) in accordance with EU 2019/2015
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Drive-overnoPower cablesincludes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mmProtection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Appliance class	class I
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Protection systemsIPS (Intelligent Protection System); PID (Protective Impedance Device)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006	Drive-over	no
Photobiological safety: risk group 1 according to EN 62471:2006	Power cables	includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm
	Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device)
Notes version with 24Vdc power supply available on request	Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
	Notes	version with 24Vdc power supply available on request

FLORI 1.0, CODE: FS101005XH



PHOTOMETRIC DATA



			Lux max (3000K)	cd/KIm max 5479	— C0 - C180 —C90 - C270
H (m)	Ø (m)	Ø (m)	7W	HAM	AN
1.00	0.18	0.82	2537		\mathbb{N}
2.00	0.36	1.64	634	\propto / $+$	tt(X)
3.00	0.54	2.46	282	\times	XX
4.00	0.71	3.28	159	30°	30°
5.00	0.89	4.10	101	0-	

CO C10/



45°x10°

ACCESSORIES

Installation Accessories



WP0100 Spike for in-ground installation



WP1002H Spike with bracket for in-ground installation - h 800 mm - anthracite

Anti-glare



WB1001H Standard snoot - anthracite



WP1001H Spike with bracket for in-ground installation - h 500 mm - anthracite



WP1003H Arm with bracket for wall-mounted installation - h 420 mm - anthracite



WB1002H Asymmetrical snoot - anthracite





WB1003N Barn doors - black



WHA0005 Honeycomb louvre built into the lighting fixture

Order together with the lighting fixture

Other



WP1004 Fastener strap - 5 m

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