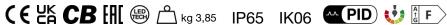
Made in Italy



Kocca 3.1, code: KA31115TF Wall mounted for outdoor applications

03/04/2025 Rev. 10/2024





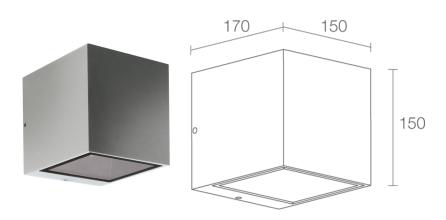












DESCRIPTION

wall mounted for outdoor applications, single beam; surface mounted (wall); Power consumption: 18W; Power supply: 230Vac; Lumen output at source: 1308 lm (3000K, optics version, 18W); Delivered lumen output: 1137 lm (3000K, 30°, 18W); 9 power LEDs, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 7°; CRI Colour Rendering Index: 80; Body material: body in die-cast aluminium; Finishes: grey (RAL 9006); RAL finish on request; Screen material: screen in serigraphed, transparent and tempered extra-clear glass; built-in power supply unit; connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm; Ingress protection: IP65; Impact resistance: IK06; DALI and 0/1-10V versions available on request. Spacer with RAL finish available on request; spacer with RAL finish available on request; 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: 3850 g; Dimensions: 150x150x170 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WD0400F Spacer - 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 supply 230Vac Power supply unit built-in power supply unit LIGHTING CHARACTERISTICS Number and type of LED 9 power LEDs Average LED life 50 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS With mounting plate, screws and plugs Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS IP65 Op	ELECTRICAL CHARACTERISTICS	
Power supply unit LIGHTING CHARACTERISTICS Number and type of LED Average LED life 50 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics 7" Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature Impact resistance Ik06 Energy efficiency class Glow wire test 4960°C Appliance class Walkover no Proveer no Power cables Protection systems PID (Protective Impedance Device) Photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Power consumption	18W
LIGHTING CHARACTERISTICS Number and type of LED Average LED life 50 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection Operating temperature 1806 Coperating temperature 1806 Coperating temperature 1806 Coperating temperature 1806 Coperating temperature 1806 Appliance class Glow wire test Appliance class Class I Walkover no Prover cables Protection systems PID (Protective Impedance Device) Photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 071-10V versions available on request. Spacer with RAL finish	Power supply	230Vac
Number and type of LED 9 power LEDs Average LED life 50 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered Lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body anterial body in die-cast aluminium Screen material body in die-cast aluminium Screen material press protection IP65 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°C Appliance class Lass I Walkover no Drive-over no Protection systems <td>Power supply unit</td> <td>built-in power supply unit</td>	Power supply unit	built-in power supply unit
Average LED life 50 000h L90 B10 (Ta 25°C) LED colour 3000K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection Ingress protection IP65 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°C Appliance class class I Walkover no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 0	LIGHTING CHARACTERISTICS	
LED colour 3000K CRI Colour Rendering Index 80 Binning 1/4 ANSI BIN Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 06,3 mm Protection systems PID	Number and type of LED	9 power LEDs
CRI Colour Rendering Index Binning 1/4 ANSI BIN Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 Operating temperature 120°C - +45°C Impact resistance IK06 Energy efficiency class Glow wire test 960°C Appliance class Lass I Walkover no Power cables Protection systems Protection systems PID (Protective Impedance Device) Photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Average LED life	50 000h L90 B10 (Ta 25°C)
Binning 1/4 ANSI BIN Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class I Operating temperature no no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	LED colour	3000K
Optics 7° Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class Class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	CRI Colour Rendering Index	80
Lumen output at source 1308 Im (3000K, optics version, 18W) Delivered lumen output 1137 Im (3000K, 30°, 18W) MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Binning	1/4 ANSI BIN
Delivered lumen output MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes Mounting Mounting Body material Screen material Screen material Screen material GENERAL CHARACTERISTICS Ingress protection Operating temperature 120°C — +45°C Impact resistance Ik06 Energy efficiency class Giow wire test 960°C Appliance class Walkover no Drive-over Power cables Photobiological safety Photobiological safety Notes 150x150x170 mm 15	Optics	7°
MECHANICAL CHARACTERISTICS Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Lumen output at source	1308 lm (3000K, optics version, 18W)
Dimensions 150x150x170 mm Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class Class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Delivered lumen output	1137 lm (3000K, 30°, 18W)
Weight 3850 g Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	MECHANICAL CHARACTERISTICS	
Finishes grey RAL 9006 Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Dimensions	150x150x170 mm
Mounting with mounting plate, screws and plugs Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class class Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Weight	3850 g
Body material body in die-cast aluminium Screen material screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Finishes	grey RAL 9006
Screen material Screen in serigraphed, transparent, tempered extra-clear glass GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class Class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Mounting	with mounting plate, screws and plugs
GENERAL CHARACTERISTICS Ingress protection IP65 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°C Appliance class Valkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Body material	body in die-cast aluminium
Ingress protection IP65 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°C Appliance class class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	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°C Appliance class class I Walkover no Drive-over no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	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 Connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	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 Protection systems PID (Protective Impedance Device) Photobiological safety Notes PALI and 0/1-10V versions available on request. Spacer with RAL finish	Operating temperature	-20°C — +45°C
Glow wire test Appliance class Valkover no Drive-over Power cables Protection systems Photobiological safety Notes Power seals DALI and 0/1-10V versions available on request. Spacer with RAL finish	Impact resistance	IK06
Appliance class Walkover no Drive-over no Connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PlD (Protective Impedance Device) Photobiological safety Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Energy efficiency class	F (light source) in accordance with EU 2019/2015
Walkover no no Drive-over no no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Glow wire test	960°C
Drive-over no no Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Appliance class	class I
Power cables connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm Protection systems PID (Protective Impedance Device) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Walkover	no
Protection systems PID (Protective Impedance Device) Photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Drive-over	no
Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Power cables	connection box with 0.50 m cable H05RN-F 2x0,75 Ø6,3 mm
Notes DALI and 0/1-10V versions available on request. Spacer with RAL finish	Protection systems	PID (Protective Impedance Device)
	Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
	Notes	



PHOTOMETRIC DATA

T - 7°

		— C0 - C180 Lux max (3000K) cd/Klm max 29537 — C90 - C270
H (m)	Ø (m)	18W
1.00	0.18	31220
2.00	0.35	7805
3.00	0.53	3469
4.00	0.70	1951 300
5.00	0.88	1249 0°

ACCESSORIES

Installation Accessories





WD0400F

Spacer - grey

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