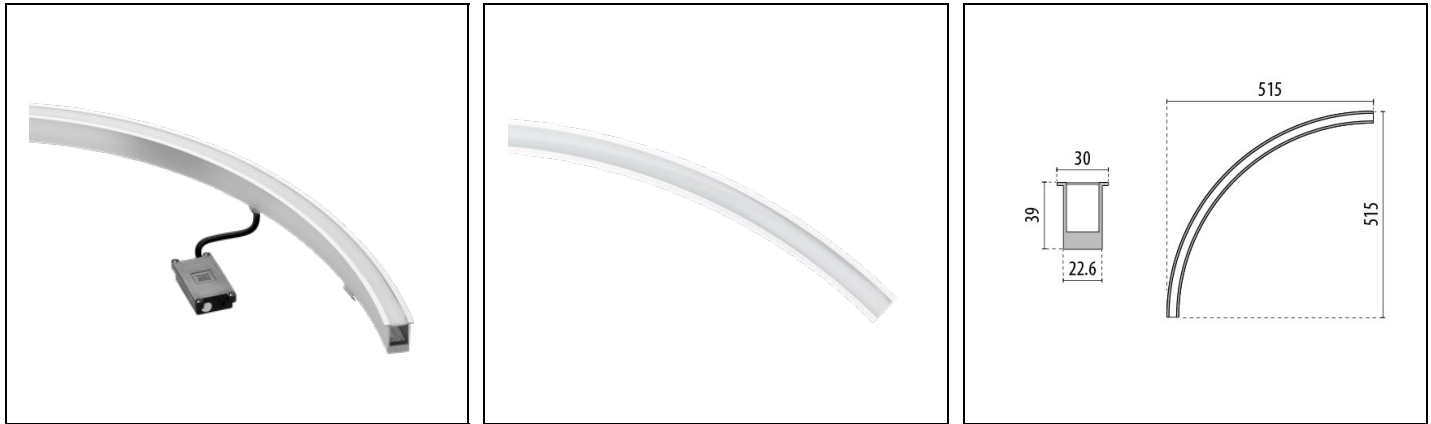


GROOVE 21 R500

Part number 3106628



Description

Series of class III reduced depth in-ground luminaires, comprising:

- Extruded anodised aluminium housing
- IP-67-rated double resin coating - transparent in the lower part to protect the LED from mechanical stresses and to guarantee maximum luminous efficiency - satin finish in the visible part, even in joints proximity, to ensure a homogeneous light distribution over the entire emitting area
- Technopolymer external box for electrical connection suitable for Ø 6 - 9 mm rubber cables. This is connected to the appliance with a 25 cm cable. It allows the appliance to be installed and connected without having to open it
- External power supply 48V has to be ordered separately
- Through-wiring designed
- Two-part fitting, consisting of LED luminaire and stainless steel recess box with anti-deformation cover (included). Tool-free installation of the luminaire in the recess box
- Recessed box to be ordered separately
- RGBW and Tunable White versions to be powered with SELV drivers 48V DC, available as accessories to be ordered separately. Colour management through DMX interface
- DMX signal generator for RGBW and Tunable White versions to be ordered separately
- Continuous mounted options and many other configurations are available at www.light-performer.com
- Design by Artec Studio

To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

Product data

ETIM Group:	EG000027	ETIM Class:	EC000758
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General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	830	Luminaire lumen output [lm]:	255
Luminaire wattage [W]:	8 W	Luminous efficacy [lm/W]:	32
CRI:	90	Colour temperature [K]:	3000
Colour / Finishing:	GR-11 / Anodised grey / Matt	IP degree of protection:	IP67
Impact resistance / impact energy:	IK10 20J xxg	Protection class:	III
Optic:	S/EW - Symmetric Extra-Wide	Net weight [kg]:	0.885
Overall length [mm]:	515	Overall width [mm]:	515
Overall height [mm]:	39		

Mechanical features

Shape:	Rectangular	Housing material:	Aluminium
Diffuser material:	Plastic	Glow wire test [°C]:	650 °C
Static load [kg]:	3000	Shear load [kN]:	5
Resistance to torque [Nm]:	50		

Electrical features

Voltage type:	DC	Power factor / COS Φ:	>0.95
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Installation

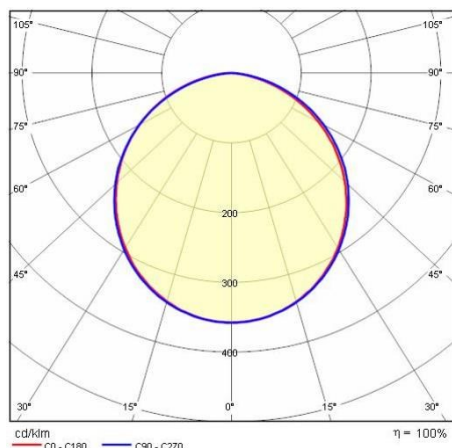
Application area:	Outdoor lighting	Mounting type:	Inground
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	40
Glass temperature [°C]:	35	Ingrounds classification:	A1 A2 A3 A4 A5

Light features

MacAdam:	3	Lumen maintenance:	L80B10@40000h
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Photometric data



Control gear

GROOVE 21



3106660
KIT CONTROLLER 48 V - DALI



310950
Driver - CV 100 W - 48 V kit

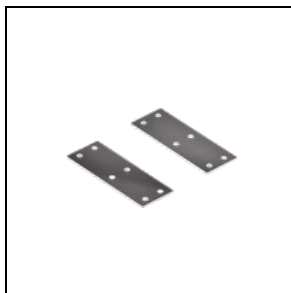


310951
Driver - CV 500 W - 48 V kit

Mandatory accessories

GROOVE 21

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3111705

Shaped joint (n. 2)



3111707

Kit closing cap (n. 2)



3106662

Kit closing cap (n. 2)

GROOVE 21 R500



3106656

Recessed fixing kit GROOVE 21 500

Optional accessories

GROOVE 21



3116962

Two-component epoxy resin - 50 ml



3116961

Injector gun - aspect ratios 1:1/2:1

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