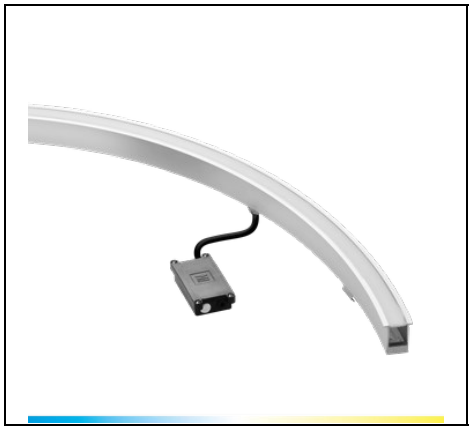
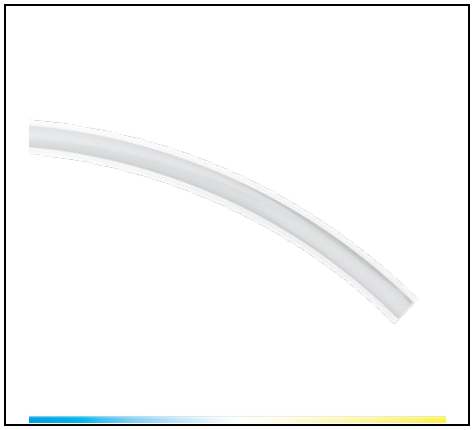
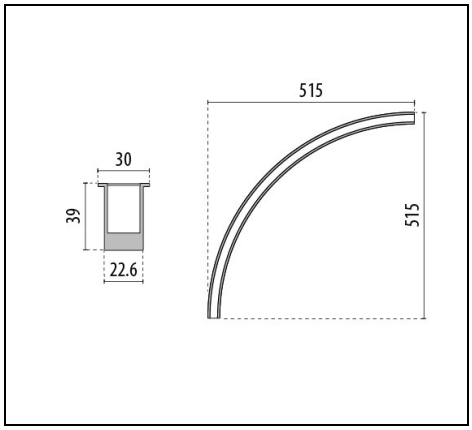
date: 23/10/2026

GROOVE 21 R500

Part number 3106640







IP 67 | IK 10 | CLASS III | ≤-40°C | CRI 90 | TW

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 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

info.it@pil.lighting
www.performanceinlighting.com

Product data

ETIM Group:	EG000027	**ETIM Class:**	EC000758

General information

Lampholder:	LED	**Light source:**	LED
Luminaire wattage [W]:	12.5 W	**CRI:**	90
Colour temperature [K]:	tw 2800-4800	**Colour / Finishing:**	GR-11 / Anodised grey / Matt
IP degree of protection:	IP67	**Impact resistance / impact energy:**	IK10 20J xx9
Protection class:	III	**Optic:**	S/EW - Symmetric Extra-Wide
Net weight [kg]:	0.887	**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

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@38000h

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Control gear

GROOVE 21

3106661

KIT CONTROLLER 48 V - DMX

310950

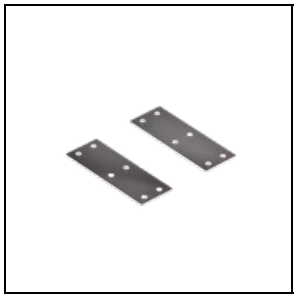
Driver - CV 100 W - 48 V kit

310951

Driver - CV 500 W - 48 V kit

Mandatory accessories

GROOVE 21



3111705

Shaped joint (n. 2)

3111707

Kit closing cap (n. 2)

3106662

Kit closing cap (n. 2)

GROOVE 21 R500

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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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