

PRODUCT DESCRIPTION

HR-LINE frosted cover and densely spaced LEDs inside the extrusion will provide an effect of an even line of light. Due to its high integrity and high load bearing capacity, the extrusion is ideal for high-traffic areas such as sidewalks, bike paths, environment friendly.

Patent Number: US 8,267,540 B2



Fixture Certified to NSF 2 standards
when assembled by KLUŠ

Intertek

- Designed to obtain an IP67 waterproof rating
- Designed to reach IK10 degree of protection against mechanical impact
- Resistant to pedestrian and road traffic



FINISH :

Non anodized (raw) 

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Product nr.	
Fixture type	
Company	
Job name	
Date	

TECHNICAL SPECIFICATION

Application

- construction of watertight, ground lighting fixtures inside and outside buildings (walkways, car parks, driveways)

Mounting

- mounted on spacer foam in a prepared gap in the hardened surface (e.g. paving stones)
- the remaining gap is filled with sand

Additional information

- dedicated glands must be used for the correct application of the profile
- water-tight splitters and couplers are used to run the cables powering the light fixture in the ground
- it is extremely important to properly seal HR-LINE components (extrusion, covers, end caps, LEDs) if the fixture are assembled by KLUŠ

- for sealing HR-LINE extrusion we recommend using - DOW CORNING 9186 , transparent Neutral Silicone
- when choosing other sealing materials it is important to know their quality, applications and that they do not conduct electricity
- the quality of HR-LINE extrusion sealing depends solely on the quality and precision of the sealing process as well as the quality of the sealing material
- profile construction makes it durable and sturdy, resistant to standard loads (up to 20 kN)
- space for LED strip: 0.48" / 12.2 mm

Possibility of making a linear fixture with IP67 protection, which means the fixture is dustproof and waterproof. Achieving IP67 is possible with the HR-LINE-2 cover and HR-LINE-STN end caps.

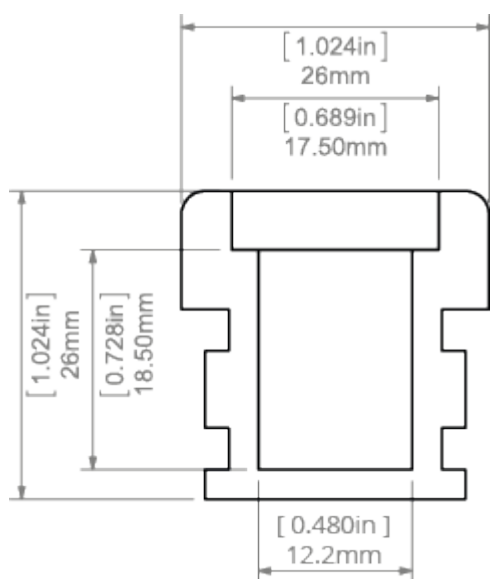
Possibility of making a linear fixture with IK10 degree of protection against mechanical impact, which means that

the fixture can withstand an impact of a 5kg weight dropped from a 40cm height with 20J energy.

IK10 can be obtained with the HR-LINE-2 cover and the HR-LINE-STN end caps.

Turn off LED lights during peak day light hours in outdoor applications to avoid excessive heat buildup which will result in diminished LED life.

TECHNICAL DRAWING



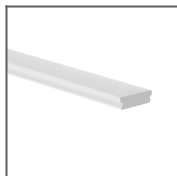
RELATED PRODUCTS

COVERS

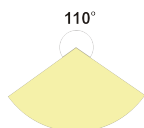
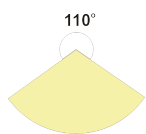
FROSTED COVERS



HR-LINE-2 Cover
Ref: 17151



HR-LINE Cover
frosted
Ref: 1316

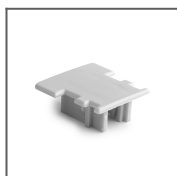


END CAPS

REGULAR END CAPS

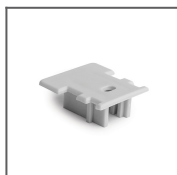


HR-LINE-STN End
cap
Ref: 24199



HR-LINE grey
End cap
Ref: 1384

REGULAR END CAPS WITH HOLE



HR-LINE grey
End cap with
hole
Ref: 1445

ACCESSORIES

SEALING COMPONENTS



Waterproof coupler
Ref: 42702



Waterproof splitter
Ref: 42703

ADDITIONAL ITEMS



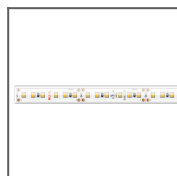
HR-LINE Gland
Ref: 00078

LED TAPES

CRI95+



WP-K-CR-1210-24V
Ref: WP-K-CR-1210-24V

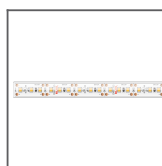


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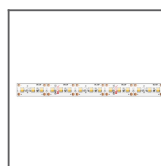
WHITE



WP-K-1210-12V
Ref: WP-K-1210-12



WP-K-1220-12V
Ref: WP-K-1220-12



WP-K-1220-IP65-12V
Ref: WP-K-1220-IP65-12V



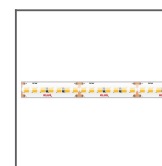
WP-K-1220-24V
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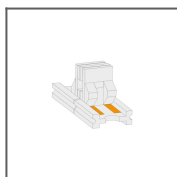


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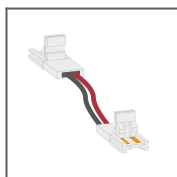


WP-K-1910-HD-IP65-24
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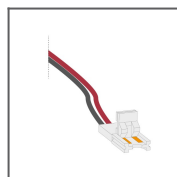
WHITE LED STRIP CONNECTORS



C1-0W
Ref: C1-0W



C2-1.5W
Ref: C2-1.5W



C3-6W
Ref: C3-6W

MARKETING MATERIALS



Presentation set
1
Ref: 90051