Profile HR-OPTI

Ref. A01844



KEY FEATURES

- For installation on facades
- Designed for IP68 and IK10 protection ratings
- Corrosion resistance at high salinity
- Corresponds to the width of the HR-MAX facade system
- Adjustable lighting angle

APPLICATION

decorative lighting

MOUNTING

to the surface, using dedicated accessories

ADDITIONAL INFORMATION

- possibility to fasten the lighting fixture with the back or side to the mounting surface
- possibility of smooth transition from a facade into an in-ground lighting fixture
- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŚ

Standard lengths of KLUŚ profiles and covers: 1000 mm (tolerance ± 1.5 mm) and 2005 mm / 3010 mm (tolerance + 5 mm); for selected covers: 6050 mm, 10050 mm (tolerance + 5 mm)

IK10

IP PROTECTION RATING

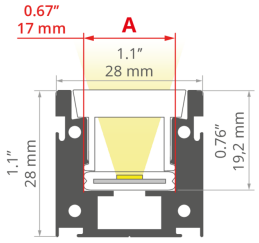
IP20 | IP65 | IP67 | IP68

MOUNTING METHOD

Wall mounted

For ground

TECHNICAL DRAWING



AVAILABLE COLOURS

LENGTH	REF
1000 mm	A01844A_1
2005 mm	A01844A_2
3010 mm	A01844A_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Color	silver anodized
Possible fixture IP	20, 65, 67, 68
Possible fixture shapes	linear
Profile cross-section	rectangular
Width	28 mm
Height	28 mm
LED gluing width A	17 mm
Max. number of LED strips A (8 mm wide)	1
Width of the glow	22 mm
Max power of a single KLUŚ LED strip	15.3 W/m
Lighting angle adjustment from	0
Lighting angle adjustment up to	240
Corrosion resistance at high salinity	yes
Impact protection IK10	yes
Possibility of obtaining a line of light	yes
Building type	Outdoor, Commercial, Retail, HoReCa object
Facility zone	outdoor spaces, fascade lighting, parking / garage / driveway
The cover is cut to the length of the profile	yes
Wire out back of extrusion	yes

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
			55 %	frosted	B17152F
Cover HR-21	- For indoor and outdoor applications - UV resistant	PMMA	92 %	semi-transparent	B17152T

LINE OF LIGHT TABLE

LED TAPE	HR-21 FROSTED
KWP-14KCB-1000-24	(1)
KWP-14KHD-0430-24	(1)
KWP-14KHD-0830-24	(1)
KWP-14KHD-1260-24	(1)

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Description

✓ - Line of Light for a number (X) of rows - Pixel free imaging
X - Visible Dotting from Diodes
HL - Centered Line of Light - Concentrated in middle
HL (X) - Centered Line of Light for a number (X) of rows - Concentrated in middle

Line of Light Guide



Clean Line of Light (Pixel free imaging)



Centered Line of Light



Visible Dotting from Diodes

RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
End cap HR-OPTI-STN		stainless steel	gray	C28019N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Mounting bracket HR-OPTI-45	- Mounting with angle adjustment function	stainless steel	steel	C28091N00
Mounting bracket HR-OPTI-75	- Mounting with angle adjustment function	stainless steel	steel	C28092N00
Mounting bracket HR-OPTI-90	- Mounting with angle adjustment function	stainless steel	steel	C28093N00
Mounting bracket HR-OPTI-105	- Mounting with angle adjustment function	stainless steel	steel	C28094N00
Mounting bracket HR-OPTI-155	- Mounting with angle adjustment function	stainless steel	steel	C28095N00
Mounting bracket HR-OPTI-60	- Aesthetic installation of linear fixtures	stainless steel	steel	C28090N00

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape KWP-14KVHE-0480-24	- universal for basic applications - easy snap-in installation - high efficacy - High Efficacy	65	4.8 W/m	KWP-14KVHE27-0480-24 KWP-14KVHE30-0480-24 KWP-14KVHE35-0480-24 KWP-14KVHE40-0480-24 KWP-14KVHE50-0480-24
LED tape KWP-14KVHE-0960-24	- universal for basic applications - easy snap-in installation - high efficacy - High Efficacy	65	9.6 W/m	KWP-14KVHE40-0960-24

RELATED ACCESSORIES > RELATED LED > WHITE MONO

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape KWP-14K-0360-24 3.6 W/m, IP65 NEW		65	3.6 W/m	KWP-14K27-0360-24 KWP-14K30-0360-24 KWP-14K35-0360-24 KWP-14K40-0360-24 KWP-14K50-0360-24
LED tape KWP-14KHD-0430-24 4.3 W/m, IP65 NEW		65	4.3 W/m	KWP-14KHD18-0430-24 KWP-14KHD27-0430-24 KWP-14KHD30-0430-24 KWP-14KHD35-0430-24 KWP-14KHD40-0430-24 KWP-14KHD50-0430-24
LED tape KWP-14K-0480-24	- universal for basic applications - easy snap-in installation	65	4.8 W/m	KWP-14K27-0480-24 KWP-14K30-0480-24 KWP-14K50-0480-24
LED tape KWP-14KHD-0480-24	- universal for basic applications - easy snap-in installation - high LED density	65	4.8 W/m	KWP-14KHD27-0480-24 KWP-14KHD40-0480-24
LED tape KWP-14K-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-14K30-0500-24 KWP-14K40-0500-24
LED tape KWP-14K-0720-24 7.2 W/m, IP65 NEW		65	7.2 W/m	KWP-14K27-0720-24 KWP-14K30-0720-24 KWP-14K35-0720-24 KWP-14K40-0720-24 KWP-14K50-0720-24
LED tape KWP-14KHD-0830-24 8.3 W/m, IP65 NEW		65	8.3 W/m	KWP-14KHD27-0830-24 KWP-14KHD30-0830-24 KWP-14KHD35-0830-24 KWP-14KHD40-0830-24 KWP-14KHD50-0830-24
LED tape KWP-14K-0960-24	- universal for basic applications - easy snap-in installation	65	9.6 W/m	KWP-14K40-0960-24
LED tape KWP-14KHD-0960-24	- universal for basic applications - easy snap-in installation - high LED density	65	9.6 W/m	KWP-14KHD40-0960-24
LED tape KWP-14K-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-14K30-1000-24 KWP-14K40-1000-24
LED tape KWP-14KCB-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-14KCB27-1000-24 KWP-14KCB30-1000-24 KWP-14KCB40-1000-24 KWP-14KCB50-1000-24

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NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape KWP-14K-1080-24 10.8 W/m, IP65 NEW		65	10.8 W/m	KWP-14K27-1080-24 KWP-14K30-1080-24 KWP-14K35-1080-24 KWP-14K40-1080-24 KWP-14K50-1080-24
LED tape KWP-14KHD-1260-24 12.6 W/m, IP65 NEW	- high LED density - high efficacy - For indoor and outdoor applications	65	12.6 W/m	KWP-14KHD27-1260-24 KWP-14KHD30-1260-24 KWP-14KHD35-1260-24 KWP-14KHD40-1260-24 KWP-14KHD50-1260-24
LED tape KWP-14K-1440-24	- universal for basic applications - easy snap-in installation	65	14.4 W/m	KWP-14K27-1440-24 KWP-14K40-1440-24