Perle 1

TinyPerle is a range of 4 spotlights specially designed to simplify window lighting design and make the light source almost invisible.

TinyPerle is available in four 24VDC versions offering output lumens from 60 to 215 lumens, with CRI 96-98 depending on the colorimetry.

Perle 1 and 2 HD offer variable focal lengths and feature quartz/glass lens groups made by a German optician, Perle 2 has a fixed focal length.

These three models can receive two types of filters, intended to modify their native angle, soften the contours of the flow, and/or to modify their colorimetry. Gamma has a fixed focal length of 35° or 50°.

Different types of supports allow their easy integration: magnetic rail, surface-mounted or recessed support.

ELECTRICAL FEATURES

Voltage	24VDC
Power	1.2W
Regulator	Embedded
Control	1-10V, DALI, DMX….
Class	III

PHYSICAL FEATURES

Length	10 to 13mm depending of the focal
Diameter	9.2mm
Finish	Nickel, black anodized

PHOTOMETRIC FEATURES

CRI / TM30	96/98, rf94
SDCM	2
K / output lumens	2700K / 60lm
	3000K / 65lm
	3500K / 70lm
	4000K / 75lm

OPTICAL FEATURES

Material	Quartz / glass optical unit
Angles	variable focal length from 12° to 30°
Additional optics	2°, 5°, 10°, 20°, 1°x 90°
Beam Direction	H : 360° / V : +/- 40°

CERTIFICATION & GUARANTEE

5 years under normal conditions of use
CE & ETL
IP20
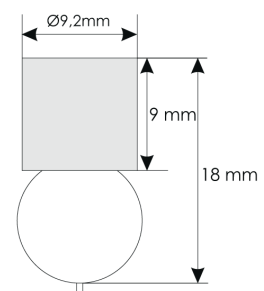
Perle 1

Perle 1

Nickel finish

SLD122	2700K
SLD123	3000K
SLD124	3500K
SLD125	4000K

Black anodized finish

SLD132	2700K
SLD133	3000K
SLD134	3500K
SLD135	4000K

Optional magnetic filters

Nickel finish

SFI129	2º filter designed to soften the edge of the flow, silver finish
SFI121	5º filter
SFI122	10ºfilter
SFI123	20º filter
SFI125	1º x 90º filter

Black anodized finish

SFI139	2º filter designed to soften the edge of the flow, silver finish
SFI131	5º filter
SFI132	10ºfilter
SFI133	20º filter
SFI135	1º x 90º filter

Colorimetric filters

Filters modifying either the X-Y coordinates relative to the blackbody curve or raising or lowering the color temperature.

Power holders

MAGNETIC CONNECTOR FOR TRACK AND WIRE HOLDER

SUP102	Magnetic connector for all Perle projectors, nickel plated

24VDC TRACK

RSS137	Magnetic track 2000 mm
RST131	Magnetic track 100 mm
RST132	Magnetic track 250 mm
RST136	Magnetic track 600 mm

ALUMINIUM PROFILE AND END CAP FOR MAGNETIC TRACK

Aluminium finish

PRS120	Profile for magnetic track, 2,5 m length
ARS121	End caps
ARS122	End caps with cable hole

Black finish

PRS130	Profile for magnetic track, 2,5 m length
ARS131	End caps
ARS132	End caps with cable hole

White finish

PRS140	Profile for magnetic track, 2,5 m length
ARS141	End caps
ARS142	End caps with cable hole

TRACK CONNECTOR

CMR100	Magnetic 24VDC track connector with 1 m cable
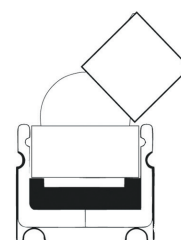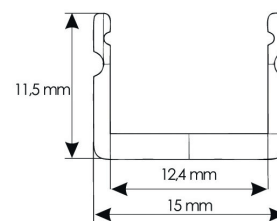
Flexible or rigid cable system

FLEXIBLE CABLES FOR CURVED INSTALLATIONS

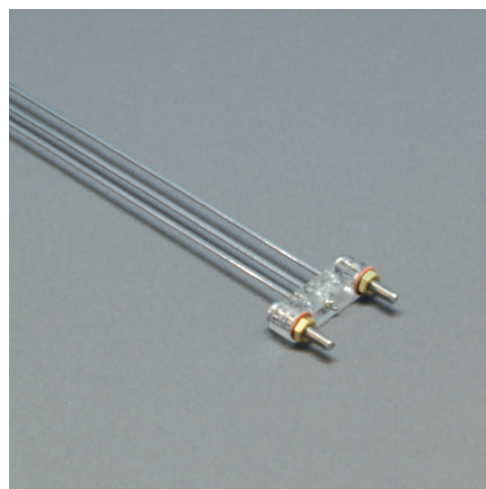|	
SAF010	Flexible cable Ø1mm + cable 1m -100mm - narrow base
SAF110	Flexible cable Ø1mm + cable 1m -100mm - round base
SFS010	Flexible cable Ø1mm, additionnal 100mm

RIGID CABLE FOR INTEGRATION

SAF015	Rigid cable Ø1,5mm + cable 1,5m -1,500mm - narrow base
SAF115	Rigid cable Ø1,5mm + cable 1,5m -1,500mm - round base
SFS015	Rigid cable Ø1,5mm, additionnal 1,500mm

Perle 1

Individual connectors

CONNECTOR TO BE STICKED

SIA120	Glue-on connector, nickel-plated finish
SIA130	Glue-on connector, black finish

SCREW-ON CONNECTOR

SIV120	Screw connector, nickel-plated finish
SIV130	Screw connector, black finish

RECESSED CONNECTOR

SIE120	Recessed connector, nickel-plated finish
SIE130	Recessed connector, black finish
SIE140	Recessed connector, white finish

Connector to be sticked

Screw-on connector

Recessed connector