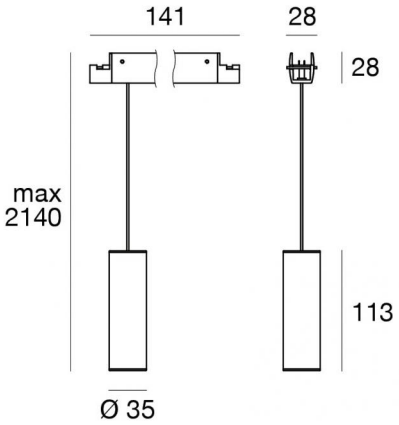
Ink system_P

Systems | 1 x powerLED 6 W DC 24 V | CRI 90
83960W45



Technical data	
Designer	Linea Light
Construction year	2020
Type	Cabled
Installation position	Cable
Installation environment	Indoor
Light Source	LED
Optics	Flood
Light emission direction	downward
Power	6 W
Source lumens	709 lm
Voltage	24V
Frequency	50-60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.310 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb

Finishing casing	
Material	Aluminium
Colour	5G 9005 Black
Processing	Coating

Finishing diffuser	
Material	PMMA
Colour	transparent

Finishing mounting frame	
Material	Aluminium
Colour	5G 9005 Black
Processing	Coating

Electronics

83042
DALI - 0-10V Controller 12~24V DC 180 W

81417
On/Off Driver 220~240V AC 180 W

81416
On/Off Driver 220~240V AC 120 W

81413
On/Off Driver 220~240V AC 120 W

81414
On/Off Driver 220~240V AC 180 W

83041
DALI - 0-10V Controller 12~24V DC 120 W

Ink system_P

Systems | 1 x powerLED 6 W DC 24 V | CRI 90 | Base
83960W45

Single emission systems for indoor application. The warm white LED light source with a flood light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 709 lm, with a 118.2 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a 5g 9005 black finish, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of aluminium, with a 5g 9005 black finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 0.310 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 W.

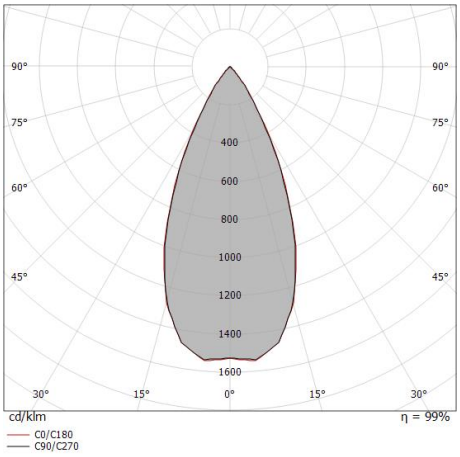
The device features protection class III and can be cable-mounted.

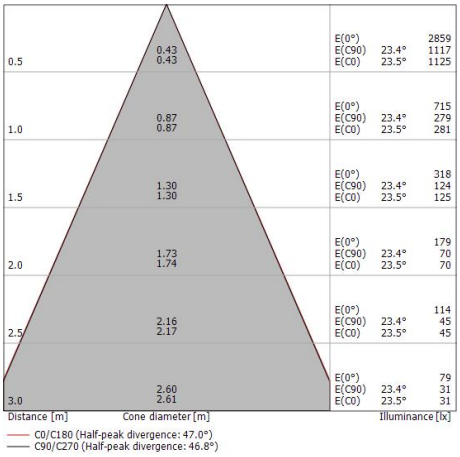
Compliant with the EN 60598-1 standard and its specific provisions.

Illuminotechnical Features	
Light Output Ratio (LOR)	66 %
Source lumens	709 lm
Delivered lumens	468 lm
Consumption	6 W
Luminaire efficacy	78 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25
LED Life / Failure Ratio	
L80 B20 C0 80000h (at Tj 85 Ta 25)	

UGR	
UGR axial	22.1
UGR transversal	22.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Light distribution simmetry	Symmetrical
C0/C180 optics	47°





Ink system_P

Ink system_P | Systems | Accessories
83960W45

Cable
Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

Code
81410

Cable
Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

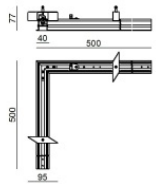
Code
81411

Cable
Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

Code
84016

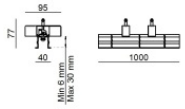
Utensil

Code
81427



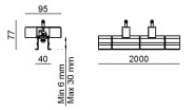
Profile
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code
84015



Profile
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code
84012



Profile
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

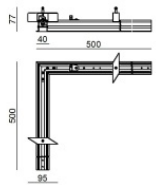
Code
84013

Profile
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code
84014

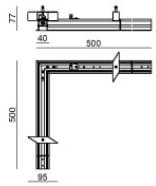
Ink system_P

Ink system_P | Systems | Accessories
83960W45



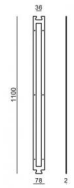
Profile
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code
84073

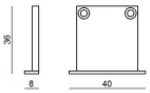


Profile
Material:Aluminium, colour:5G 9005 Black, processing:Coating.

Code
84074



Code
83186



Closing cap
Material:PC, colour:black.

Code
83153