Archiline_FJ

Lines | 220-240 V
18 x powerLEDs 36.5 W DC - 41 W AC | CRI 80
82307W15

Technical data

Type	Frameless
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Spot
Light emission direction	upward
Nominal power	36.5 W DC
Total Power	41 W
Source lumens	5436 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP67
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI
Directional	No
Tilting	Yes
total angle (horizontal plane)	15 °
total angle (vertical plane)	0 °
Walk-over	Yes
Drive-over	5000 Kg
Cable included	Yes
Cable length	0.2 m
Resin potting	No
Type of light emission	Single emission
Net weight	4.8 Kg
Electrostatic discharge protection	4 KV
Surge protection	6 KV
Product technological characteristics	Acquastop - TVS

Finishing casing

Material	Aluminium 6060
Colour	Anodised Black
Processing	15 μm Anodizing

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

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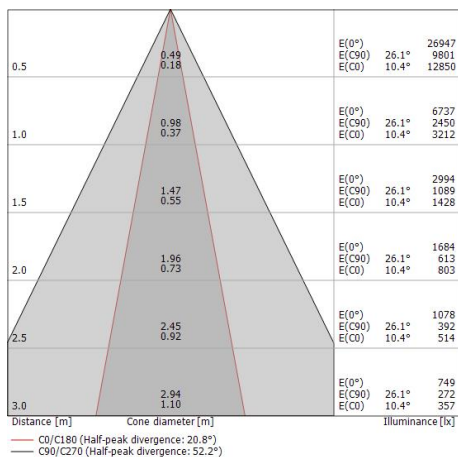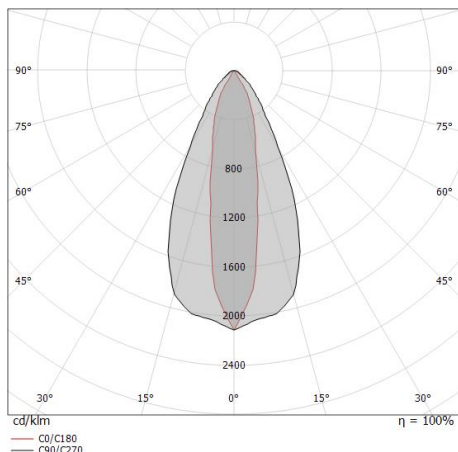Lines | 220-240 V | 18 x powerLEDs 36.5 W DC - 41 W AC | CRI 80 | Base
82307W15

Single emission lines for outdoor application. The warm white LED light source with a spot light distribution is composed of 18 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 5436 lm, with a 148.9 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised black finish, processed by means of 15 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 4.8 kg.

The total absorbed power is 41 W. The power supply cable is included and features a 0.2 m length.

The device features protection class I and can be floor-mounted with an outer casing, code 98726(for concrete or masonry).

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

Energy efficiency class

This product contains 4 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	58 %
Source lumens	5436 lm
Delivered lumens	3185 lm
Consumption	41 W
Luminaire efficacy	77 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	20.7
UGR transversal	9.6
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	52°
C0/C180 optics	21°
Light distribution simmetry	Symmetrical 2 assis

cd/klm   η = 100%
— C0/C180
— C90/C270

E(0°)		26947
E(C90)	26.1°	9801
E(C0)	10.4°	12850
E(0°)		6737
E(C90)	26.1°	2450
E(C0)	10.4°	3212
E(0°)		2994
E(C90)	26.1°	1089
E(C0)	10.4°	1428
E(0°)		1684
E(C90)	26.1°	613
E(C0)	10.4°	803
E(0°)		1078
E(C90)	26.1°	392
E(C0)	10.4°	514
E(0°)		749
E(C90)	26.1°	272
E(C0)	10.4°	357

Distance [m]   Cone diameter [m]   Illuminance [lx]
— C0/C180 (Half-peak divergence: 20.8°)
— C90/C270 (Half-peak divergence: 52.2°)

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Archiline_FJ | Lines | Accessories
82307W15

		Finish	**Code**
Outer casing			98726

Outer casing

installation position: floor; type of installation: masonry L=1001mm, H=140mm, D=75mm.
Material:Aluminium 6060, colour:Anodised Black, processing:15 µm Anodizing.

Cable and connector
Length 5000 mm.

Code
99822

Cable and connector
Length 1000 mm.

Code
99823

Cable and connector
Length 5000 mm.

Code
99824

Cable and connector
Length 10000 mm.

Code
99825

Cable and connector
Length 1000 mm.

Code
99826

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