

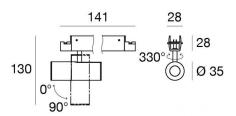
Systems - Lines | 1 x powerLED 6 W DC 24 V CRI 90

83956W30









Construction year Zo20 Type Cabled Installation position Cable Installation environment Light Source LED Circuit structure Optics Medium Flood Light emission direction Mominal power GWDC Source lumens To9 Im Input voltage range 24 V Frequency 50-60 Hz CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. CV Safety class IP IP40 Glow wire test Direct mounting on normally flammable surfaces CE Driver included No C.V C.C. Converter Dimmable article Dimmable article Directional Swivelling Total angle (vertical plane) Tilting Yes Total endscharge protection No Cye Kg Res	Technical data	
Type Cabled Installation position Cable Installation position Cable Installation environment Indoor Light Source LED Circuit structure powerLED Optics Medium Flood Light emission direction downward Nominal power 6 W DC Source lumens 709 Im Input voltage range 24 V 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 C.V C.C. Converter Converter 24V included Dimmable article DALI - 1-10V - PUSH DIM Directional Swivelling total angle (vertical plane) 330 ° Tilting Yes total angle (horizontal plane) 90 ° Walk-over No Drive-over No Cable included No Type of light emission Net weight 0.28 Kg Electrostatic discharge protection No	Designer	Linea Light
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total angle (horizontal plane) Walk-over No Drive-over No Cable included Resin potting No Type of light emission Net weight Drive-over No No No No No No No No No N	total angle (vertical plane)	330 °
Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.28 Kg Electrostatic discharge protection No	Tilting	Yes
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Cable included No Resin potting No Type of light emission Single emission Net weight 0.28 Kg Electrostatic discharge protection No	Walk-over	No
Resin potting No Type of light emission Net weight 0.28 Kg Electrostatic discharge protection No	Drive-over	No
Type of light emission Net weight 0.28 Kg Electrostatic discharge protection No	Cable included	No
Net weight 0.28 Kg Electrostatic discharge protection No	Resin potting	No
Electrostatic discharge protection No	Type of light emission	Single emission
Electrostatic discharge protection No	Net weight	0.28 Kg
Surge protection No	Electrostatic discharge protection	-
	Surge protection	No

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



81416 On/Off Driver 220, 240V AC, 120 V

On/Off Driver 220~240V AC 120 W (1 - 20 art.)



81417

On/Off Driver 220~240V AC 180 W (1 - 30 art.)



83042

1-10V - Push and Simply Dim - DALI-2 Controller (1 - 24 art.)

Honey comb

Optics technology



Systems - Lines | 1 x powerLED 6 W DC 24 V | CRI 90 | Base **83956W30**

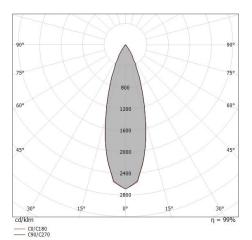
Single emission systems or lines for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 709 lm, with a 118.2 lm/W nominal luminous efficacy.

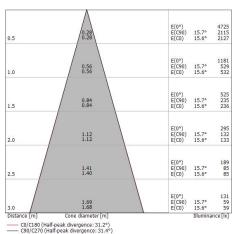
The device body is made of aluminium and features a 5g 9005 black finish, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of aluminium, with a 5g 9005 black finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 0.28 kg.

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.





Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features	
Light Output Ratio (LOR)	62 %
Source lumens	709 lm
Delivered lumens	440 lm
Consumption	6 W
Luminaire efficacy	73 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	-20 / +50°C

LED Life / Failure Ratio

L80 B20 C0 80000h (at Tj 85 Ta 25)

UGR	
UGR axial	17.1
UGR transversal	16.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL		
C0/C180 optics	31°	
Light distribution simmetry	Symmetrical	



linealight.com

Ink system_SP | Lines | Accessories 83956W30

	9 1 200 38 200	Tool	Code 81427
4	11 (see sk) (/ 18 1000	Cable Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.	Code 84016
4	11 (SEE SE) 10000	Cable Type of cable power cable; Length 10000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.	Code 81411
4	11 (82.26) (2.26) 18 5000	Cable Type of cable power cable; Length 5000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.	Code 81410
	95 77 A0 Min 6 1000 Max 30	Profile - L. 1000mm Material:Aluminium, processing:Coating.	Code 84012
	95 77 A0 A A A A A A A A A A A A A A A A A	Profile - L. 2000mm Material:Aluminium, processing:Coating.	Code 84013
	95 77 Min 6 3000 Max 30	Profile - L. 3000mm Material:Aluminium, processing:Coating.	Code 84014
	77 40 500 95	Profile - Recessed corner Material:Aluminium, processing:Coating.	Code 84015



Ink system_SP | Lines | Accessories 83956W30

	500 77	Profile - Recessed corner - IN Material:Aluminium, processing:Coating.	Code 84073
	95 140 500 77 500 77	Profile - Recessed corner - OUT Material:Aluminium, processing:Coating.	Code 84074
2 2	36 5 40	Closing cap - 2X Material:PC, colour:black.	Code 83153
	80 E	Template	Code 83186