

Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90 83971W30



Type Cabled Installation position Cable Installation environment Indoor Light Source LED Circuit structure topLED Optics Medium Flood Light emission direction downward Nominal power 14 W DC Source lumens 1282 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 Driver included No C.V C.C. Converter Converter 24V included Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No	Technical data	
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Installation position Cable Installation environment Light Source Circuit structure Optics Medium Flood downward Nominal power 14 W DC Source lumens 1282 Im Input voltage range 24 V Frequency 50-60 Hz CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. Safety class IP IP40 Glow wire test Direct mounting on normally flammable surfaces CE Pres Direct mounting Directional Directional Directional Tilting No Walk-over No Cable included No Resin potting No Single emission Net weight Ivaluar Indoor LED Medium Flood Advium Flo	Construction year	
Installation environment Light Source LED Circuit structure Optics Medium Flood Light emission direction Mominal power 14 W DC Source lumens 1282 Im Input voltage range 24 V Frequency 50-60 Hz CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. Safety class 1P IP40 Glow wire test Direct mounting on normally flammable surfaces CE Tyes Driver included No C.V C.C. Converter Converter 24V included Dimmable article Directional No Tilting No Walk-over No Cable included No Resin potting No Type of light emission Net weight Odwnward Identify Surface IED Medium Flood Me	Type	Cabled
Light Source LED Circuit structure topLED Optics Medium Flood Light emission direction downward Nominal power 14 W DC Source lumens 1282 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 Direct included No Directional No Valley P2P Directional No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge pro	Installation position	Cable
Circuit structure topLED Optics Medium Flood Light emission direction downward Nominal power 14 W DC Source lumens 1282 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 Direct mounting on normally flammable surfaces Yes Diriver included No C.V C.C. Converter Converter Converter 24V included Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Net weight Cable including protection No Single emission Net weight Cable included O.410 Kg Electrostatic discharge protection No	Installation environment	Indoor
Optics Medium Flood Light emission direction downward Nominal power 14 W DC Source lumens 1282 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 Direct mounting on normally flammable surfaces Yes Diriver included No C.V C.C. Converter Converter Converter 24V included Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Net weight Electrostatic discharge protection No	Light Source	LED
Light emission direction Nominal power Source lumens 1282 Im Input voltage range 24 V Frequency 50-60 Hz CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. Safety class IP IP40 Glow wire test 650° Direct mounting on normally flammable surfaces Yes CE Yes Driver included No C.V C.C. Converter Directional No Tilting No Walk-over No Cable included No Type of light emission Net weight Lagar August	Circuit structure	topLED
Nominal power	Optics	Medium Flood
Source lumens 1282 lm 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-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Light emission direction	downward
Input voltage range	Nominal power	14 W DC
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-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Source lumens	1282 lm
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-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Input voltage range	24 V
Colour rendering index C.C. / C.V. Safety class 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-2 - P2P Directional No Tilting No Walk-over No Drive-over Cable included No Type of light emission Net weight Electrostatic discharge protection No CV CV CV CV CV CV CV CV CV C	Frequency	50-60 Hz
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-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	CCT / Tone	3000 K
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-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Colour rendering index	90 Ra
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-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight Converted No Electrostatic discharge protection No	C.C. / C.V.	CV
Glow wire test 650° Direct mounting on normally flammable surfaces Yes CE Yes Driver included No C.V C.C. Converter Converter Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight O.410 Kg Electrostatic discharge protection No	Safety class	3
Direct mounting on normally flammable surfaces CE Yes Driver included No C.V C.C. Converter Dimmable article Directional No Tilting No Walk-over No Drive-over No Cable included No Type of light emission Net weight Electrostatic discharge protection Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	IP	IP40
CE Yes Driver included No C.V C.C. Converter Converter 24V included Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Glow wire test	650°
Driver included C.V C.C. Converter Converter 24V included Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting Type of light emission Net weight Electrostatic discharge protection No Converter 24V included No No Tolling No Type of light emission No No No No No No No No No	Direct mounting on normally flammable surfaces	Yes
C.V C.C. Converter Converter 24V included Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Net weight DALI-2 - P2P No No No No No No No No No N	CE	Yes
C.V C.C. Converter included Dimmable article DALI-2 - P2P Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Driver included	No
Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	C.V C.C. Converter	
Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Dimmable article	DALI-2 - P2P
Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Directional	No
Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Tilting	No
Cable included No Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Walk-over	No
Resin potting No Type of light emission Single emission Net weight 0.410 Kg Electrostatic discharge protection No	Drive-over	No
Type of light emission Net weight Electrostatic discharge protection Single emission 0.410 Kg No	Cable included	No
Net weight 0.410 Kg Electrostatic discharge protection No	Resin potting	No
Electrostatic discharge protection No	Type of light emission	Single emission
	Net weight	0.410 Kg
Surge protection No	Electrostatic discharge protection	No
	Surge protection	No







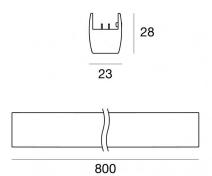












Finishing casin	g	
Material	Aluminium	
Processing	Coating	
Einiching diffus		

Finishing diffuser	
Material	PMMA
Colour	transparent

Electronics



On/Off Driver 220~240V AC 120 W (1 - 8 art.)



81417

On/Off Driver 220~240V AC 180 W (1 - 12 art.)



84018 DALI - DALI-2 - P2P Controller 24V DC 150 W (1 - 10



Systems - Lines | 36 topLED 14 W DC 24 V | CRI 90 | Base **83971W30**

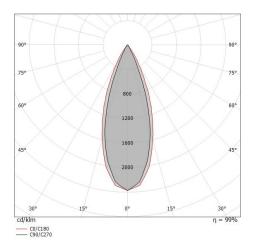
Single emission systems or lines for indoor application. The warm white LED light source with a medium flood light distribution is composed of 36 topled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1282 lm, with a 91.6 lm/W nominal luminous efficacy.

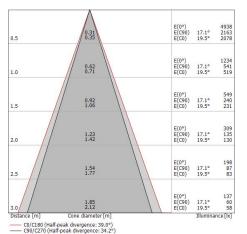
The device body is made of aluminium, processed by means of coating; the diffuser is made of pmma. The ingress protection degree is IP40; the total weight is of 0.410 kg.

The total absorbed power is 14 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)	40 %
Source lumens	1282 lm
Delivered lumens	520 lm
Consumption	14 W
Luminaire efficacy	37 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

L70 B20 C0 72500h (at Tj 115 Ta 25)

UGR	
UGR axial	3.8
UGR transversal	10.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C90/C270 optics	34°
C0/C180 optics	39°
Light distribution simmetry	Symmetrical 2 assis



Ink system_L UGR | Lines | Accessories 83971W30

	81 🖂 💮 1000	Profile - Kit 5 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.	Code 81426
1	8 1000	Profile - Kit 2 x Material:Aluminium, colour:5G 9005 Black, processing:Coating.	Code 81430
	83 119	Cable cover Material:PC, processing:Coating.	Code 81424
	24 m 18 19	Junction Type linear. Material:PC, processing:Coating.	Code 81418
	24 048 19 18	Junction - Electrified black L connector Type linear. Material:PC, processing:Coating.	Code 81419
	48 24 71	Junction Type linear. Material:PC, processing:Coating.	Code 81420
	39 18	Closing cap - Electrified black closing plug Material:PC, processing:Coating.	Code 81421
11	25 P	Profile Material:Aluminium, processing:Coating.	Code 84010



Ink system_L UGR | Lines | Accessories 83971W30

	25 2 4 37 9 1200 12	Profile Material:Aluminium, processing:Coating.	Code 84011
	14 • <u> </u>	Bracket - 2X installation position: wall lights, ceiling. Material:Aluminium, processing:Coating.	Finish Code 84017
	61 28	Cable cover - 2X Material:Iron, processing:Coating.	Code 81422
360°	97 <u>129</u> <u>76</u> <u>164</u>	Cable cover - 2X Material:Rubber, colour:black.	Code 81423
	max 2000	Cables for suspension Material:Aluminium, processing:Coating.	Code 81425
	30 10 10 10 10 10 10 10 10 10 1	Template	Code 83186
	2 38 200	Tool	Code 81427
	max 2000 1 28 10 23	Cables for suspension Material:Aluminium, processing:Coating.	Code 83426



Ink system_L UGR | Lines | Accessories 83971W30

Track Length: 1000mm. Material:Aluminium, processing:Coating.	Finish	Code 83432
Track Length: 2000mm. Material:Aluminium, processing:Coating.	Finish	Code 83434
Junction Material:Aluminium, processing:Coating.	Finish	Code 83436
Junction Material:Aluminium, processing:Coating.	Finish	Code 83438
Junction Material:Aluminium, processing:Coating.	Finish	Code 83440
Junction		Code 83442
Cables for suspension Material:Aluminium, processing:Coating.		Code 83443
Cable Length 1000 mm; colors: black.		Code 83445



Ink system_L UGR | Lines | Accessories 83971W30

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Code

Length 1000 mm; colors: black.

gland: no; colors: black - red.

83446





Cable

Code 84016

Type of cable power cable; Length 1000 mm; insulation double; section 1.5 mm²; cable





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 5000 mm; insulation double; section 1.5 mm²; cable gland: no; colors: black - red.

Code

81410