Tour_PD

Pendant Luminaires | 648 topLED 114 W DC 24 V
CRI 90
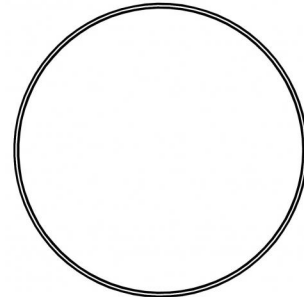**C00416BBWDI**

max 4850

Ø 2450

38
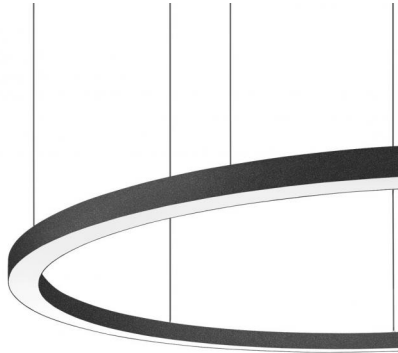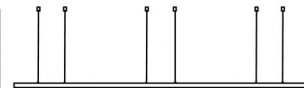
Technical data

Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	114 W DC
Source lumens	14094 lm
Input voltage range	24V
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	4.85 m
Resin potting	No
Type of light emission	Single emission
Net weight	11 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Dot free

Finishing casing

Material	Aluminium 6060
Colour	Black
Processing	Powder coating

Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	opaline

Electronics

99331	On/Off Driver 198~264V AC / 176~275V DC 150 W (1 art.)
99332	1-10V Controller (1 art.)
99722	DALI Controller 90~305V AC / 127~431V DC 120 W (1 art.)
83333	Push and Simply Dim - DALI-2 Controller (1 art.)
C-E400002	Push and Simply Dim - DALI-2 Controller (1 - 2 art.)

Cables Electrification+suspension

Max cable length	4850 mm

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Pendant Luminaires | 648 topLED 114 W DC 24 V | CRI 90 | Base
C00416BBWDI

Single emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 648 topled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 14094 lm, with a 123.6 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a black finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 11 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 114 W. The power supply cable is included and features a 4.85 m length.

The device features protection class III and can be ceiling-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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	53 %
Source lumens	14094 lm
Delivered lumens	7545 lm
Consumption	114 W
Luminaire efficacy	66 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

UGR axial	17.5
UGR transversal	17.9
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	154°
Light distribution simmetry	Symmetrical

cd/klm   η = 100%
— C0/C180
— C90/C270
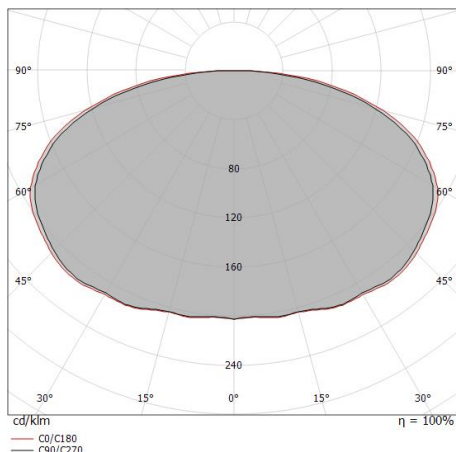
Distance [m]	Cone diameter [m]		Illuminance [lx]	
0.5	4.30 / 4.63	E(0°)		6116
		E(C90)	76.9°	37
		E(C0)	77.8°	31
1.0	8.59 / 9.25	E(0°)		1529
		E(C90)	76.9°	9
		E(C0)	77.8°	8
1.5	12.89 / 13.88	E(0°)		680
		E(C90)	76.9°	4
		E(C0)	77.8°	3
2.0	17.19 / 18.50	E(0°)		382
		E(C90)	76.9°	2
		E(C0)	77.8°	2
2.5	21.49 / 23.13	E(0°)		245
		E(C90)	76.9°	1
		E(C0)	77.8°	1
3.0	25.78 / 27.75	E(0°)		170
		E(C90)	76.9°	1
		E(C0)	77.8°	1

— C0/C180 (Half-peak divergence: 155.6°)
— C90/C270 (Half-peak divergence: 153.8°)

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Tour_PD | Pendant Luminaires | Accessories
C00416BBWDI
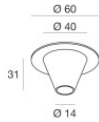
			Code
	Ø 60 / Ø 40 / 31 / Ø 14	Suspensions - Fixing kit Material:Aluminium 6026, colour:Black, processing:Powder coating.	64670
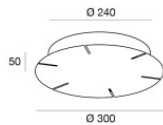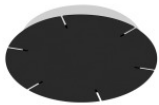
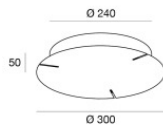|			**Code**
	Ø 240 / 50 / Ø 300	Ceiling rose - 3-wire rosette | 220-240 V AC On-Off Max 150 W Driver included: Yes; Power Supply Management Protocol: On/off; Maximum power: 150W. Material:Iron, colour:Black, processing:Powder coating.	64067
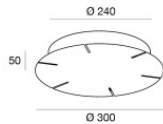
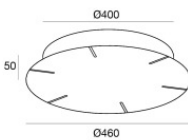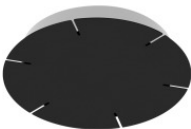|			**Code**
	Ø 240 / 50 / Ø 300	Ceiling rose - 3-wire rosette | 220-240 V AC DALI Push Max 150 W Driver included: Yes; Power Supply Management Protocol: Dali; Maximum power: 150W. Material:Iron, colour:Black, processing:Powder coating.	C-F300029

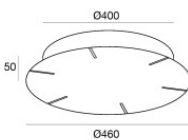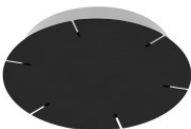|			**Code**
	Ø 240 / 50 / Ø 300	Ceiling rose - 3-wire rosette | 220-240 V AC DALI2 Push Max. 150 W Driver included: Yes; Power Supply Management Protocol: Dali-2; Maximum power: 150W. Material:Aluminium 6060, colour:Black, processing:Powder coating.	C-F300055

			Code
	Ø400 / 50 / Ø460	Ceiling rose - 6-wire rosette | 220-240 V AC On-Off Max 150 W + 150 W + 150 W Driver included: Yes; Power Supply Management Protocol: On/off; Maximum power: 150+150+150W. Material:Iron, colour:Black, processing:Powder coating.	65413

			Code
	Ø400 / 50 / Ø460	Ceiling rose - 6-wire rosette | 220-240 V AC DALI Push Max 150 W + 150 W Driver included: Yes; Power Supply Management Protocol: Dali; Maximum power: 150+150W. Material:Iron, colour:Black, processing:Powder coating.	C-F300035

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