

CERS-P 100.RGBW.1/DALI



Description

- prestigious pendant luminaire with ring design
- for homogeneous RGBW controlled direct illumination and sophisticated architectural lighting
- outstanding ease of maintenance
- no UV and thermal emissions
- high-quality aluminium housing
- one-piece ring diffuser made from opal acrylic glass
- wire-rope suspension 4-fold with height adjustment (length: 3000 mm) and ceiling canopy
- transparent connecting cable (5-core, pre-fabricated), ceiling canopy made from aluminium in the same colour as the luminaire
- ballast (LED converter DALI Device Type 6, control via DALI-DT6 4-channel) integrated in ceiling canopy

Notes

Light distribution curve only valid for 1/8 segment of the luminaire. Please use the 3D model via Relux or Dialux for light planning.

Standard options



Special options



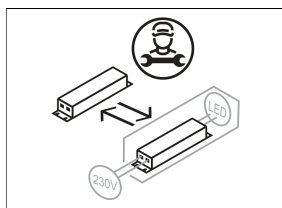
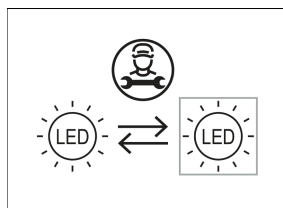
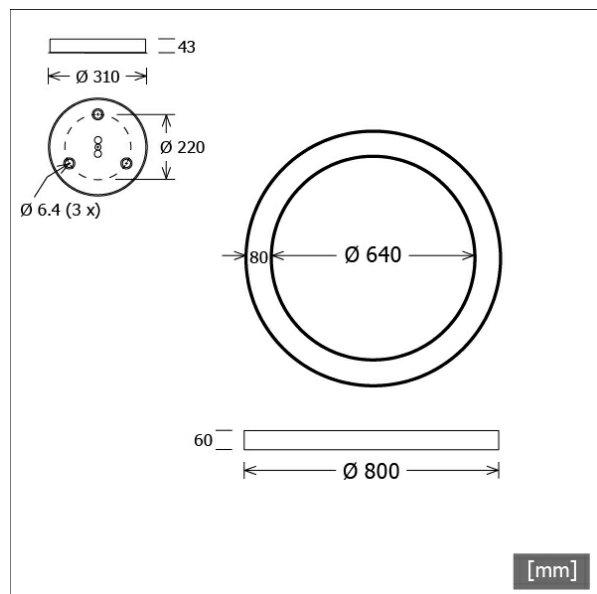
Lighting data / Norms

Lamps	LED Band RGBW / CRI 90
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	19.0 W
Luminaire luminous flux	max. 500 lm
System efficiency	8.94 lm/W
UGR class	≤16
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

Dimensions / Weights

Outer diameter	800 mm
Inner diameter	640 mm
Height	60 mm
Net weight	6.50 kg
Gross weight	7.70 kg

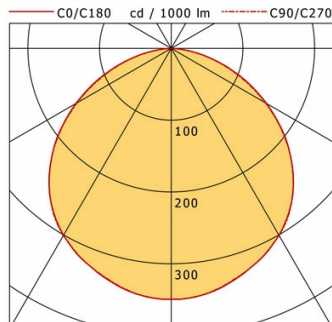
Colours	Article no.	EAN
silver	667408	4043544767233
black	667409	4043544767240
white	667410	4043544767257



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Cerchio Small (RGBW Red, 1xLED 2W RGBW 21lm)



	C0	C90	C180	C270
0°	349	349	349	349
15°	335	334	335	334
30°	301	301	301	301
45°	240	240	240	240
60°	154	152	154	152
75°	63	61	63	61
90°	0	0	0	0
cd / 1000 lm				

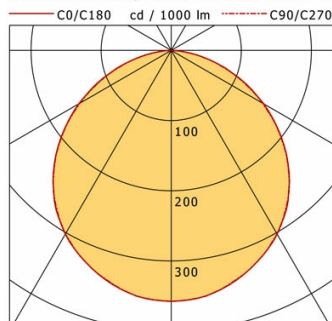
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	9.07	9.00	0.8
6.0	18.14	18.00	0.2
9.0	27.21	27.00	0.1
12.0	36.28	36.00	0.1
15.0	45.35	45.00	0.0

η	LED
Efficiency	11 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	2 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	12.0
UGR C90/C270	11.9
CIE Flux Codes	48 80 96 100 100
Ra/CRI	---

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Cerchio Small (RGBW Green, 1xLED 2W RGBW 61lm)



	C0	C90	C180	C270
0°	358	358	358	358
15°	342	341	342	341
30°	302	302	302	302
45°	237	236	237	236
60°	153	151	153	151
75°	63	63	63	63
90°	0	0	0	0
cd / 1000 lm				

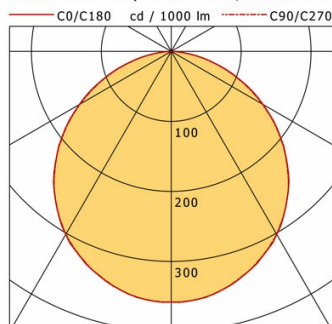
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.72	8.67	2.4
6.0	17.45	17.34	0.6
9.0	26.17	26.02	0.3
12.0	34.89	34.69	0.2
15.0	43.62	43.36	0.1

η	LED
Efficiency	31 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	2 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.7
UGR C90/C270	15.6
CIE Flux Codes	48 80 96 100 100
Ra/CRI	---

LTS

CERS-P 100.RGBW.1/DALI

Cerchio Small (RGBW Blue, 1xLED 2W RGBW 23lm)



	C0	C90	C180	C270
0°	358	358	358	358
15°	343	343	343	343
30°	302	302	302	302
45°	236	235	236	235
60°	152	151	152	151
75°	63	62	63	62
90°	0	0	0	0
cd / 1000 lm				

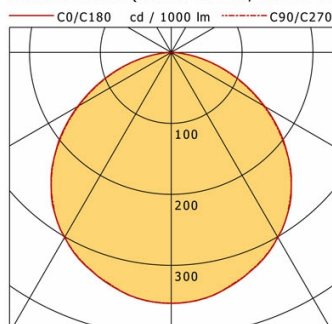
Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.69	8.63	0.9
6.0	17.39	17.26	0.2
9.0	26.08	25.89	0.1
12.0	34.78	34.52	0.1
15.0	43.47	43.15	0.0

η	LED
Efficiency	12 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	2 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	12.3
UGR C90/C270	12.2
CIE Flux Codes	48 80 96 100 100
Ra/CRI	---

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Cerchio Small (RGBW White, 1xLED 3W RGBW 62lm)



	C0	C90	C180	C270
0°	354	354	354	354
15°	338	337	338	337
30°	300	301	300	301
45°	239	238	239	238
60°	153	150	153	150
75°	63	62	63	62
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]		Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane	
3.0	8.91	8.81	2.4
6.0	17.83	17.63	0.6
9.0	26.74	26.44	0.3
12.0	35.65	35.26	0.2
15.0	44.57	44.07	0.1

η	LED
Efficiency	21 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	3 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	15.8
UGR C90/C270	15.6
CIE Flux Codes	48 80 96 100 100
Ra/CRI	---

LTS