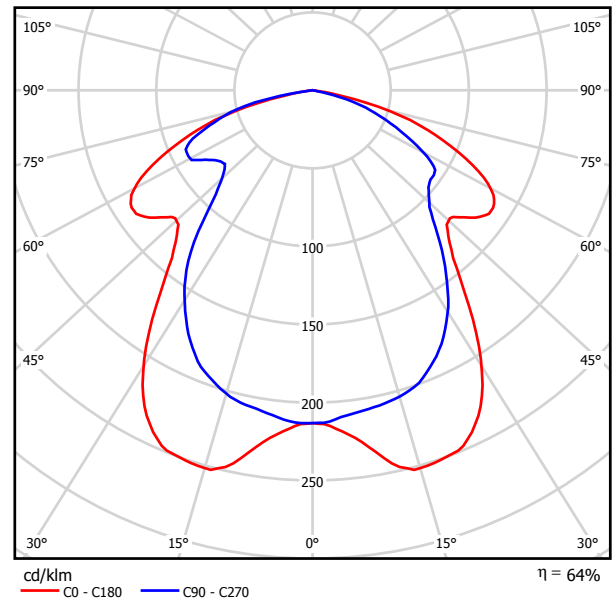


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OMS Downlight 201 2x13W / Karta danych oprawy



Wylot światła 1:



Klasyfikacja oświetleń CIE: 100
Kod Flux CIE: 52 84 100 93 64

powodu braku właściwości symetrycznych nie można przedstawić tabeli UGR dla tego oprawy.

DOWNLIGHT 2xx

Description

The Downlight 2xx range of light fixtures is intended for installation into various types of ceilings. Its main characteristics are simple installation and low fixture profile. Downlight 2xx light fixtures offer rich accessories, numerous types of optical systems, as well as version with higher ingress protection.

Construction

Body: galvanised sheet steel

Reflectors: aluminium with various types of surface finishes – polished, matt, facet, asymmetrical

Reflector cover: hardened glass – sandblasted (2x2 range), pure (2x5 range) or patterned (242 range)

Ring: sheet steel, electrostatic powder coat finish RAL 9003 (signal white), other finish types RAL 9006 (white aluminium), chrome or gold available on request

Installation plate: galvanised sheet steel, holders to prevent conductors from loosening off the connecting box, two rubber reducing adapters for the conductors (through wiring possible)

Ceiling attachment of the fixture is done using two metal springs, adjustable for various ceiling widths. The cover glass (2x2 range) and grid (2x4 range) are attached to the light fixture using three springs; the decorative glass (2x3 range) and cover glass (2x5 range) are attached to the ring using three decorative springs; the cover glass (242 range) is attached at three points of fixation. All these attachment methods allow fast and tool-free lamp replacement.

Wiring

Light fixtures can be equipped with:

- conventional control gears, standard class EEI=B2, class EEI=B1 is available on request, light fixtures are not standardly compensated
- electronic control gears, standard class EEI=A2
- dimmable electronic control gears, class EEI=A1 (electronic control gears can be controlled with analogue, digital or DALI signal)

Other components:

- lamps: TC-D/TC-DEL and TC-T/TC-TEL compact fluorescent lamps (lamps must be ordered separately)
- solid copper internal conductors, PVC insulated (heat resistant up to 90°C) with 0.5 mm² cross-section
- a screwless three or five pole terminal allows to connect conductors up to 2.5 mm² in cross-section
- an emergency version of the light fixture with autonomous operation of 1 or 3 hours is available on request, the emergency unit is placed on a special installation plate apart from the light fixture

Accessories

- a wide range of decorative elements and types of glass (detailed)

description in Downlight and Tubus Accessories chapters)

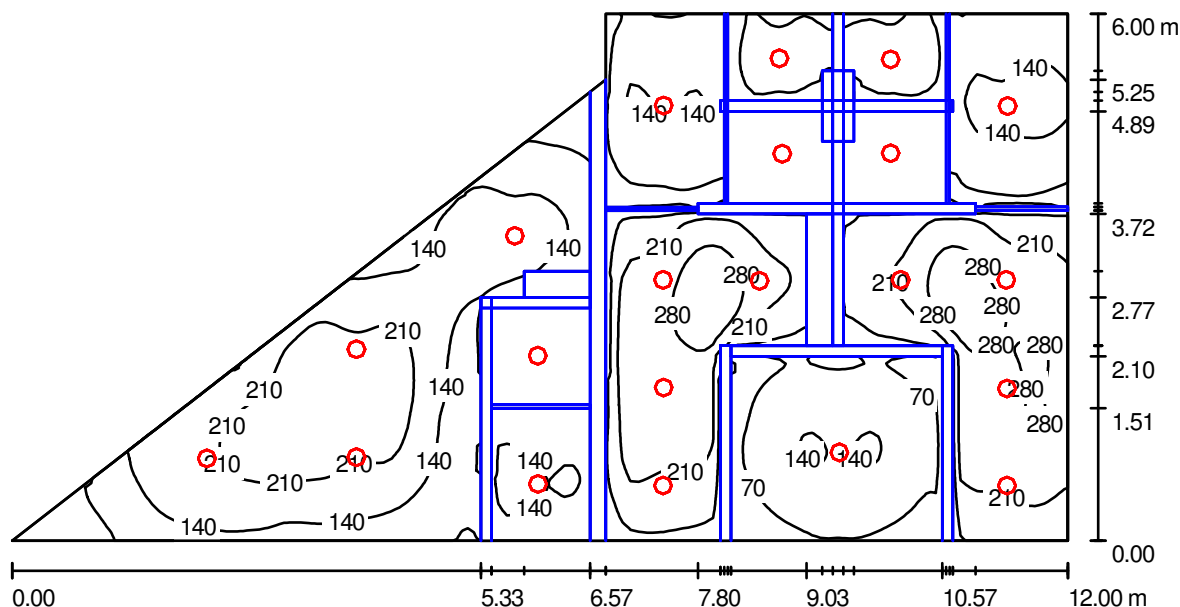
- an independent metal box for separate placement of control gear apart from the light fixture (separate box version)
- standard equipment: light fixtures are delivered with screwless connection boxes; on request, they can be delivered with one or two connectors allowing fast electrical connection: 3-pole connectors Wieland gesis GST 18i3, Wago Winsta 770, AAG Stucchi 1601A/1602A

basic optic

Circular recessed compact fluorescent downlight luminaire with simple design, equipped with polish, matt or faceted reflector, ideal for providing necessary and ambient lighting in hotels, reception areas, corridors, toilets and many other commercial, retail and leisure applications. This downlight variants provides clear-design lighting solutions with highest possible luminaire efficiency.

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piętro / Podsumowanie



Wysokość pomieszczenia: 2.500 m, Wysokość montażu: 2.500 m,
Współczynnik konserwacji: 0.77

Wartości Lux, Skala 1:86

Powierzchnia	ρ [%]	E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m
Płaszczyzna pracy	/	164	17	326	0.102
Podłoga	20	95	6.70	198	0.071
Sufit	70	29	9.16	60	0.317
Ściany (5)	50	80	7.44	337	/

Płaszczyzna pracy:

Wysokość: 0.850 m
Siatka: 128 x 128 Punkty
Margines: 0.000 m

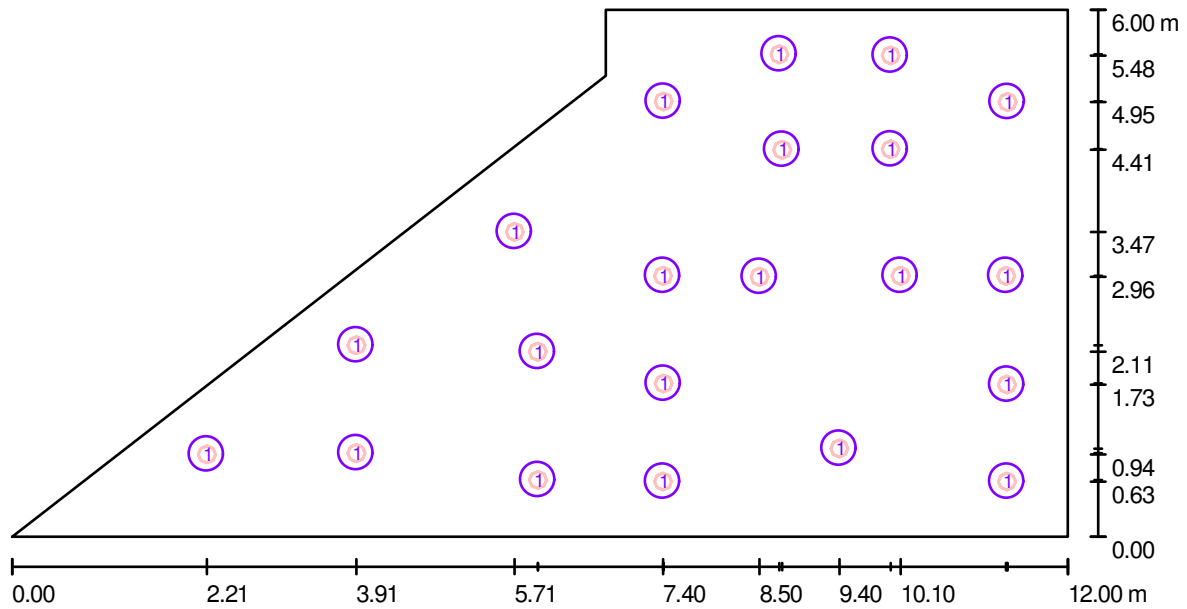
Wykaz opraw

Nr.	Ilość	Etykieta (Czynnik korekcyjny)	Φ [lm]	P [W]
1	21	OMS Downlight 201 2x13W (1.000)	1800	24.0
			W sumie: 37800	504.0

Specyfikacja mocy przyłączeniowej: $10.24 \text{ W/m}^2 = 6.24 \text{ W/m}^2/100 \text{ lx}$ (Powierzchnia podstawowa: 49.22 m^2)

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piętro / Oprawy (plan rozmieszczenia)



Skala 1 : 86

Wykaz opraw

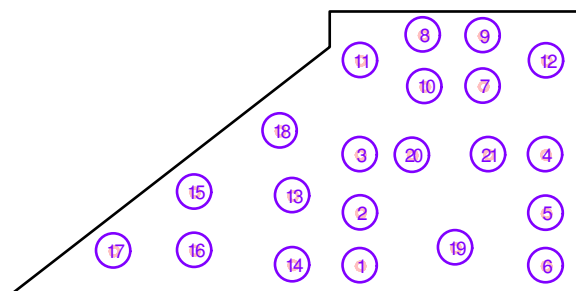
Nr.	Ilość	Etykieta
1	21	OMS Downlight 201 2x13W

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piętro / Oprawy (lista współrzędnych)

OMS Downlight 201 2x13W

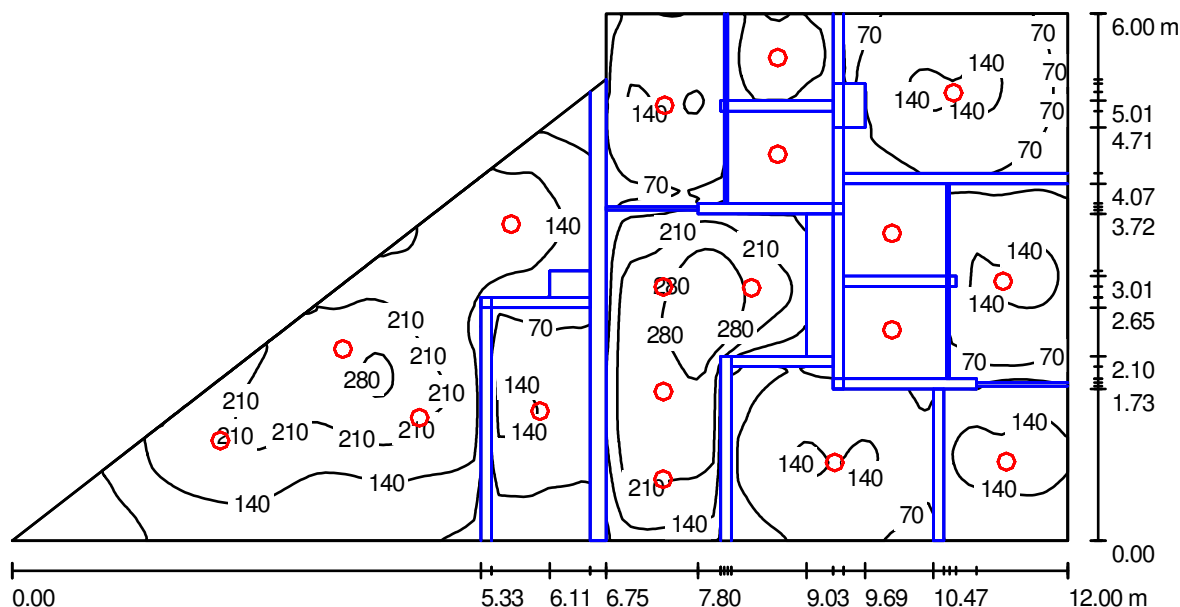
1800 lm, 24.0 W, 1 x 2 x TC-DEL 13W (Czynnik korekcyjny 1.000).



Nr.	Pozycja [m]			Rotacja [°]		
	X	Y	Z	X	Y	Z
1	7.400	0.628	2.500	0.0	0.0	0.0
2	7.406	1.744	2.500	0.0	0.0	0.0
3	7.400	2.971	2.500	0.0	0.0	0.0
4	11.300	2.971	2.500	0.0	0.0	0.0
5	11.310	1.733	2.500	0.0	0.0	0.0
6	11.310	0.628	2.500	0.0	0.0	0.0
7	9.987	4.413	2.500	0.0	0.0	0.0
8	8.723	5.494	2.500	0.0	0.0	0.0
9	9.987	5.481	2.500	0.0	0.0	0.0
10	8.755	4.407	2.500	0.0	0.0	0.0
11	7.406	4.957	2.500	0.0	0.0	0.0
12	11.316	4.950	2.500	0.0	0.0	0.0
13	5.976	2.106	2.500	0.0	0.0	0.0
14	5.979	0.646	2.500	0.0	0.0	0.0
15	3.915	2.181	2.500	0.0	0.0	0.0
16	3.915	0.950	2.500	0.0	0.0	0.0
17	2.214	0.937	2.500	0.0	0.0	0.0
18	5.714	3.471	2.500	0.0	0.0	0.0
19	9.404	1.004	2.500	0.0	0.0	0.0
20	8.497	2.959	2.500	0.0	0.0	0.0
21	10.100	2.971	2.500	0.0	0.0	0.0

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Wysokość pomieszczenia: 2.500 m, Wysokość montażu: 2.500 m,
Współczynnik konserwacji: 0.77

Wartości Lux, Skala 1:86

Powierzchnia	ρ [%]	E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m
Płaszczyzna pracy	/	142	23	341	0.161
Podłoga	20	83	4.57	196	0.055
Sufit	70	25	5.94	55	0.241
Ściany (5)	50	63	5.47	368	/

Płaszczyzna pracy:

Wysokość: 0.850 m
Siatka: 128 x 128 Punkty
Margines: 0.000 m

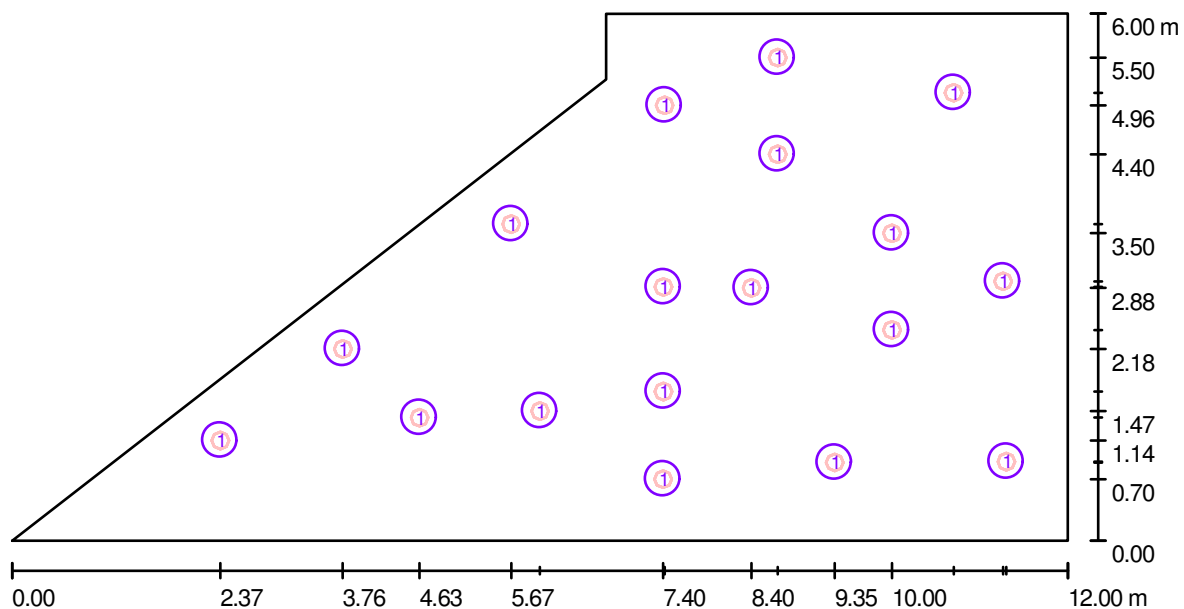
Wykaz opraw

Nr.	Ilość	Etykieta (Czynnik korekcyjny)	Φ [lm]	P [W]
1	18	OMS Downlight 201 2x13W (1.000)	1800	24.0
			W sumie: 32400	432.0

Specyfikacja mocy przyłączeniowej: $8.78 \text{ W/m}^2 = 6.18 \text{ W/m}^2/100 \text{ lx}$ (Powierzchnia podstawowa: 49.22 m^2)

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Skala 1 : 86

Wykaz opraw

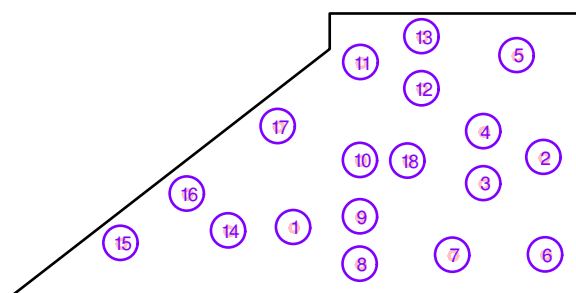
Nr.	Ilość	Etykieta
1	18	OMS Downlight 201 2x13W

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parter / Oprawy (lista współrzędnych)

OMS Downlight 201 2x13W

1800 lm, 24.0 W, 1 x 2 x TC-DEL 13W (Czynnik korekcyjny 1.000).



Nr.	Pozycja [m]			Rotacja [°]		
	X	Y	Z	X	Y	Z
1	6.000	1.475	2.500	0.0	0.0	0.0
2	11.263	2.954	2.500	0.0	0.0	0.0
3	10.000	2.400	2.500	0.0	0.0	0.0
4	10.000	3.500	2.500	0.0	0.0	0.0
5	10.700	5.100	2.500	0.0	0.0	0.0
6	11.300	0.900	2.500	0.0	0.0	0.0
7	9.349	0.890	2.500	0.0	0.0	0.0
8	7.400	0.700	2.500	0.0	0.0	0.0
9	7.403	1.699	2.500	0.0	0.0	0.0
10	7.403	2.889	2.500	0.0	0.0	0.0
11	7.416	4.957	2.500	0.0	0.0	0.0
12	8.700	4.400	2.500	0.0	0.0	0.0
13	8.700	5.500	2.500	0.0	0.0	0.0
14	4.631	1.401	2.500	0.0	0.0	0.0
15	2.367	1.140	2.500	0.0	0.0	0.0
16	3.759	2.182	2.500	0.0	0.0	0.0
17	5.673	3.605	2.500	0.0	0.0	0.0
18	8.403	2.877	2.500	0.0	0.0	0.0