

150LmW UFO LED High Bay Lights - Simulation Report

Partner for Contact:
Order No.:
Company:
Customer No.:

Date: 15.04.2018
Operator:

Operator
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Fax
e-Mail Sales@Coydon-Lighting.Com

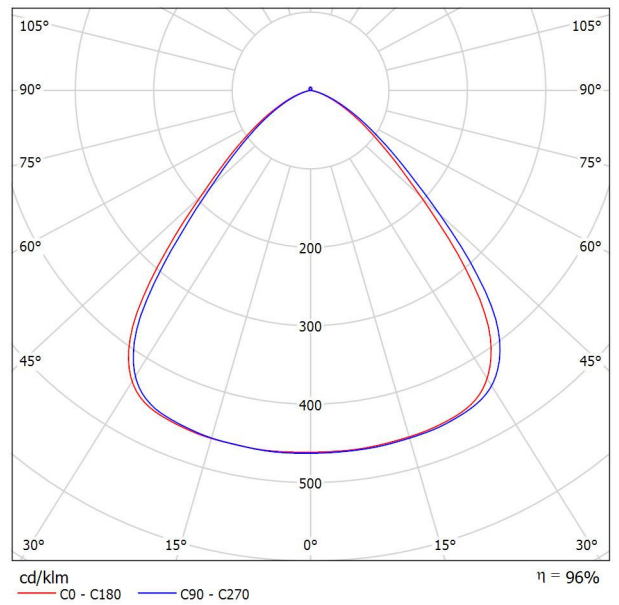
Coydon Lighting KD-HBC-W150 UFO Shape LED High Bay Lights / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 99
CIE flux code: 70 94 99 99 96

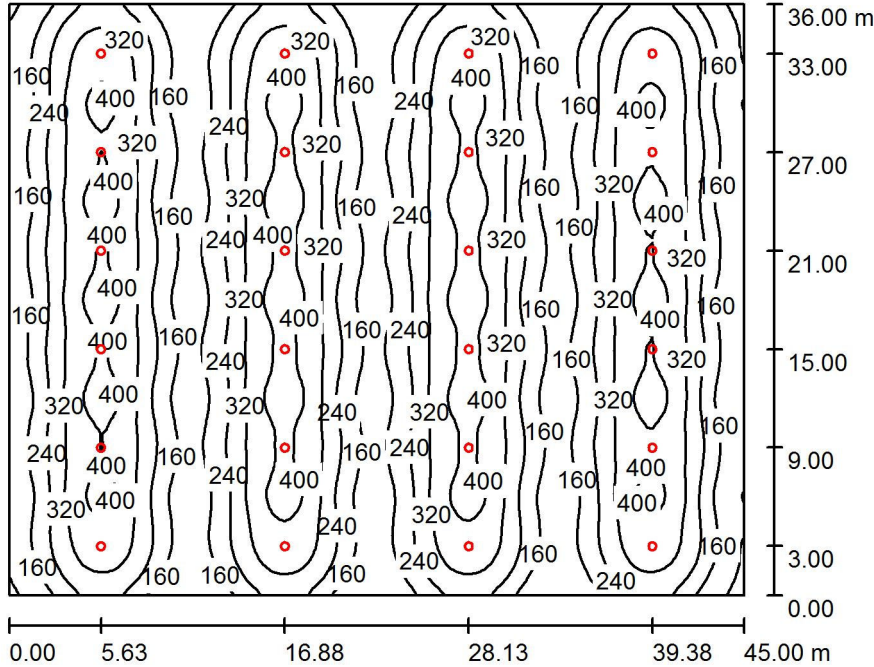
Luminous emittance 1:



Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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Room 1 / Summary



Height of Room: 6.000 m, Mounting Height: 6.000 m, Light loss factor: 0.80

Values in Lux, Scale 1:463

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	264	64	435	0.241
Floor	20	259	76	385	0.295
Ceiling	70	49	32	55	0.651
Walls (4)	50	82	36	214	/

Workplane:

Height: 0.850 m
 Grid: 128 x 128 Points
 Boundary Zone: 0.000 m

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	24	Coydon Lighting KD-HBC-W150 UFO Shape LED High Bay Lights (Type 1)* (1.000)	21092	22076	146.0

*Modified Technical Specifications

Total: 506218 Total: 529824 3504.0

Specific connected load: $2.16 \text{ W/m}^2 = 0.82 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 1620.00 m²)

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Room 1 / Input Protocol

Height of working plane: 0.850 m
 Boundary Zone: 0.000 m

Light loss factor: 0.80

Height of Room: 6.000 m
 Ground area: 1620.00 m²

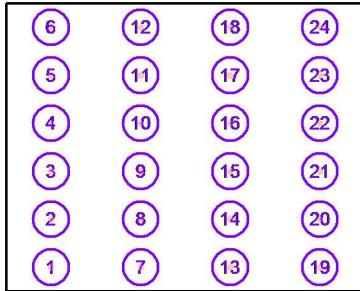


Surface	Rho [%]	from ([m] [m])	towards ([m] [m])	Length [m]
Floor	20	/	/	/
Ceiling	70	/	/	/
Wall 1	50	(0.000 0.000)	(45.000 0.000)	45.000
Wall 2	50	(45.000 0.000)	(45.000 36.000)	36.000
Wall 3	50	(45.000 36.000)	(0.000 36.000)	45.000
Wall 4	50	(0.000 36.000)	(0.000 0.000)	36.000

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Room 1 / Luminaires (coordinates list)

Coydon Lighting KD-HBC-W150 UFO Shape LED High Bay Lights (Type 1)
 21092 lm, 146.0 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	5.630	3.000	6.000	0.0	0.0	90.0
2	5.630	9.000	6.000	0.0	0.0	90.0
3	5.630	15.000	6.000	0.0	0.0	90.0
4	5.630	21.000	6.000	0.0	0.0	90.0
5	5.630	27.000	6.000	0.0	0.0	90.0
6	5.630	33.000	6.000	0.0	0.0	90.0
7	16.880	3.000	6.000	0.0	0.0	90.0
8	16.880	9.000	6.000	0.0	0.0	90.0
9	16.880	15.000	6.000	0.0	0.0	90.0
10	16.880	21.000	6.000	0.0	0.0	90.0
11	16.880	27.000	6.000	0.0	0.0	90.0
12	16.880	33.000	6.000	0.0	0.0	90.0
13	28.130	3.000	6.000	0.0	0.0	90.0
14	28.130	9.000	6.000	0.0	0.0	90.0
15	28.130	15.000	6.000	0.0	0.0	90.0
16	28.130	21.000	6.000	0.0	0.0	90.0
17	28.130	27.000	6.000	0.0	0.0	90.0
18	28.130	33.000	6.000	0.0	0.0	90.0
19	39.380	3.000	6.000	0.0	0.0	90.0
20	39.380	9.000	6.000	0.0	0.0	90.0
21	39.380	15.000	6.000	0.0	0.0	90.0
22	39.380	21.000	6.000	0.0	0.0	90.0
23	39.380	27.000	6.000	0.0	0.0	90.0
24	39.380	33.000	6.000	0.0	0.0	90.0

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Room 1 / 3D Rendering

