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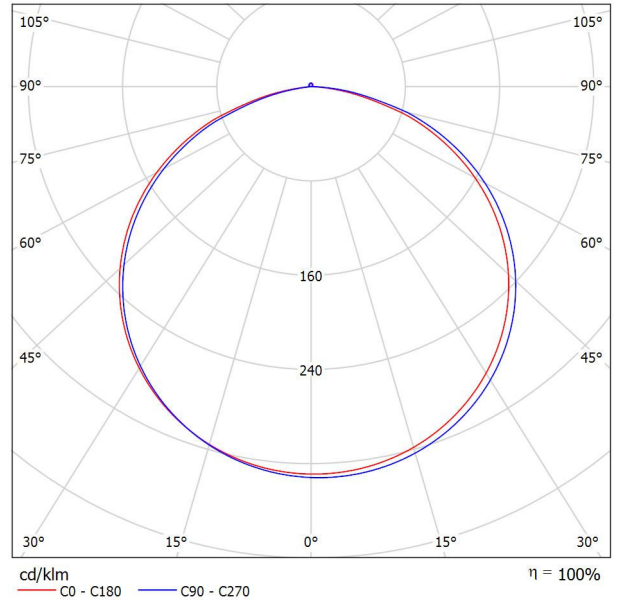
Coydon Lighting UFO LED High Bay light / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 99
CIE flux code: 46 79 96 99 100

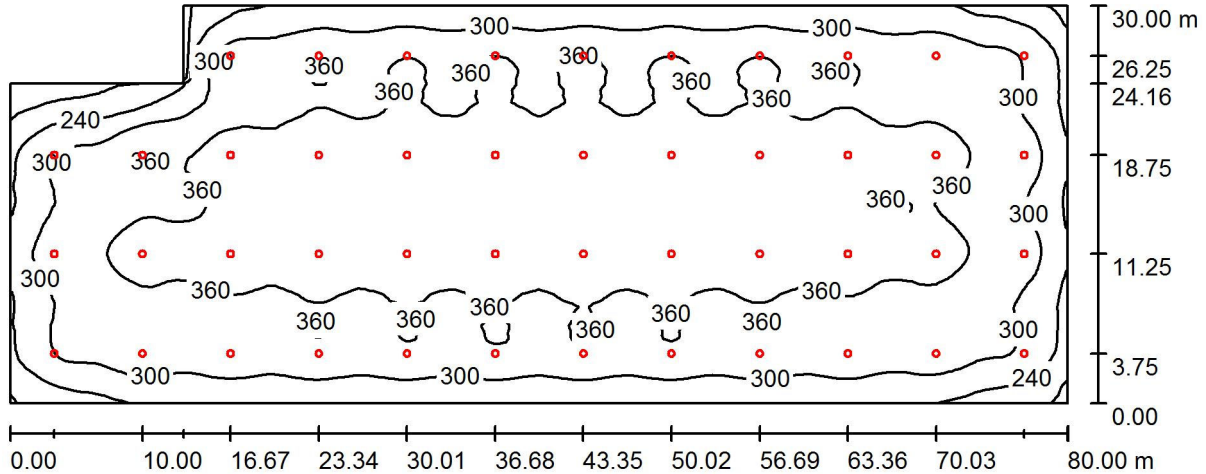
Luminous emittance 1:



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

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Room 1 / Summary



Height of Room: 8.000 m, Mounting Height: 7.000 m, Light loss factor: 0.80

Values in Lux, Scale 1:572

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	338	131	408	0.389
Floor	20	329	154	391	0.467
Ceiling	70	73	49	126	0.672
Walls (6)	50	164	54	274	/

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	46	Coydon Lighting UFO LED High Bay light (1.000)	22039	22040	146.3
Total:			1013803	1013840	6729.8

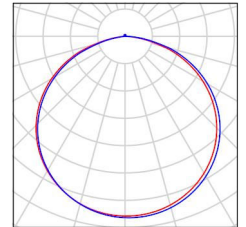
Specific connected load: $2.90 \text{ W/m}^2 = 0.86 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 2323.27 m^2)

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Room 1 / Luminaire parts list

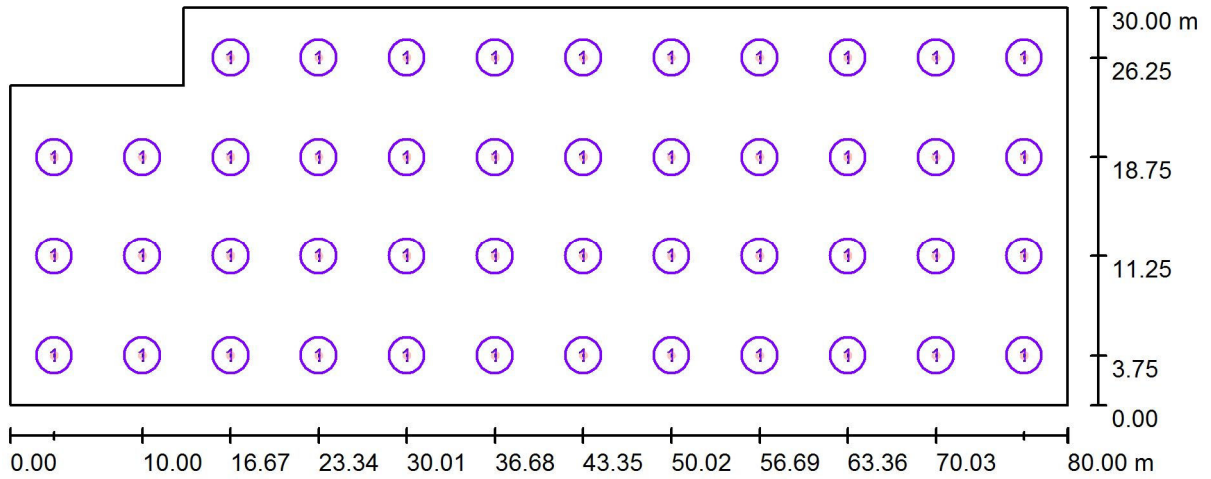
46 Pieces Coydon Lighting UFO LED High Bay light
Article No.:
Luminous flux (Luminaire): 22039 lm
Luminous flux (Lamps): 22040 lm
Luminaire Wattage: 146.3 W
Luminaire classification according to CIE: 99
CIE flux code: 46 79 96 99 100
Fitting: 1 x OSRAM (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



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Room 1 / Luminaires (layout plan)



Scale 1 : 572

Luminaire Parts List

No.	Pieces	Designation
1	46	Coydon Lighting UFO LED High Bay light

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Room 1 / Photometric Results

Total Luminous Flux: 1013803 lm
Total Load: 6729.8 W
Light loss factor: 0.80
Boundary Zone: 0.000 m

Surface	Average illuminances [lx]			Reflection factor [%]	Average luminance [cd/m ²]
	direct	indirect	total		
Workplane	278	60	338	/	/
Floor	268	61	329	20	21
Ceiling	3.31	70	73	70	16
Wall 1	102	63	166	50	26
Wall 2	93	60	153	50	24
Wall 3	111	64	175	50	28
Wall 4	101	65	166	50	26
Wall 5	72	57	129	50	21
Wall 6	105	58	164	50	26

Uniformity on the working plane

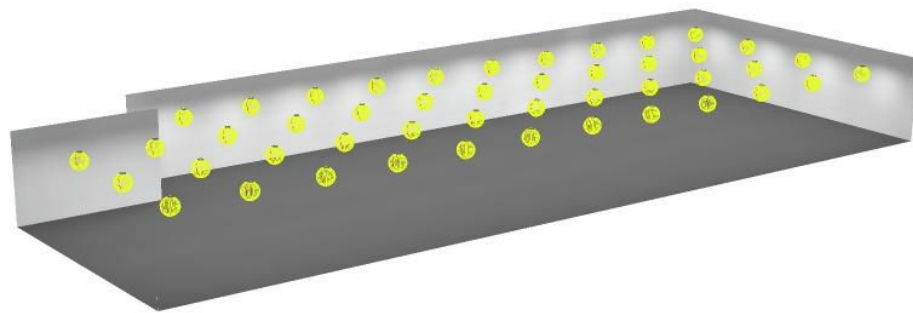
u_0 : 0.389 (1:3)

E_{\min} / E_{\max} : 0.322 (1:3)

Specific connected load: $2.90 \text{ W/m}^2 = 0.86 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 2323.27 m^2)

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Room 1 / 3D Rendering



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Room 1 / False Color Rendering

