

Project 1

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

Date: 28.11.2024
Operator:

Operator
Telephone
Fax
e-Mail

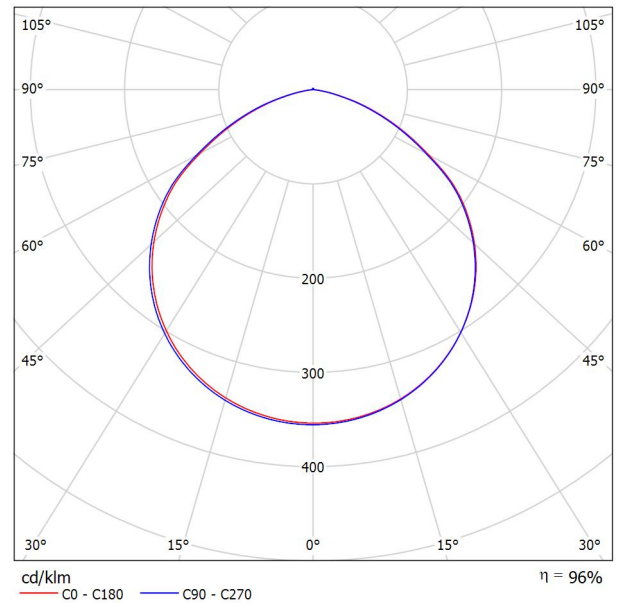
Coydon Lighting UFO LED High Bay light / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 50 84 98 100 96

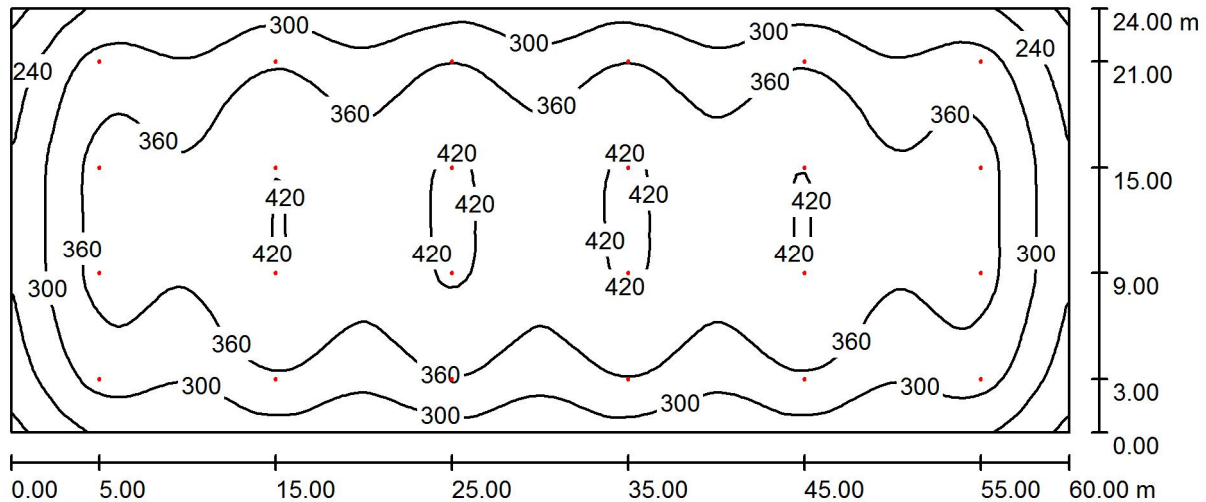
Luminous emittance 1:



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

Operator
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Fax
e-Mail

Room 1 / Summary



Height of Room: 9.000 m, Mounting Height: 8.500 m, Light loss factor: 0.80

Values in Lux, Scale 1:429

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	346	168	430	0.487
Floor	20	337	191	409	0.567
Ceiling	70	74	55	150	0.739
Walls (4)	50	169	59	351	/

Workplane:

Height: 0.850 m
Grid: 128 x 64 Points
Boundary Zone: 0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.489, Ceiling / Working Plane: 0.214.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	24	Coydon Lighting UFO LED High Bay light (Type 1)* (1.000)	28675	29775	204.0

*Modified Technical Specifications

Total: 688197 Total: 714600 4896.0

Specific connected load: $3.40 \text{ W/m}^2 = 0.98 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 1440.00 m^2)

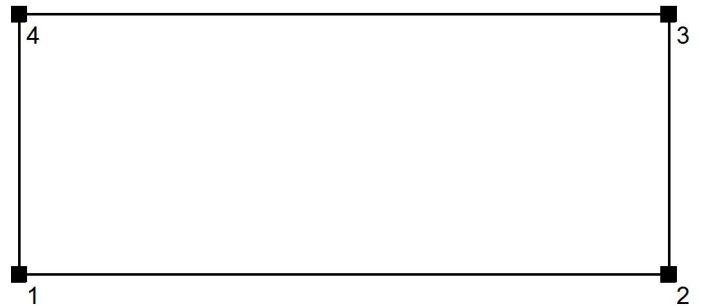
Operator
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Room 1 / Input Protocol

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

Light loss factor: 0.80

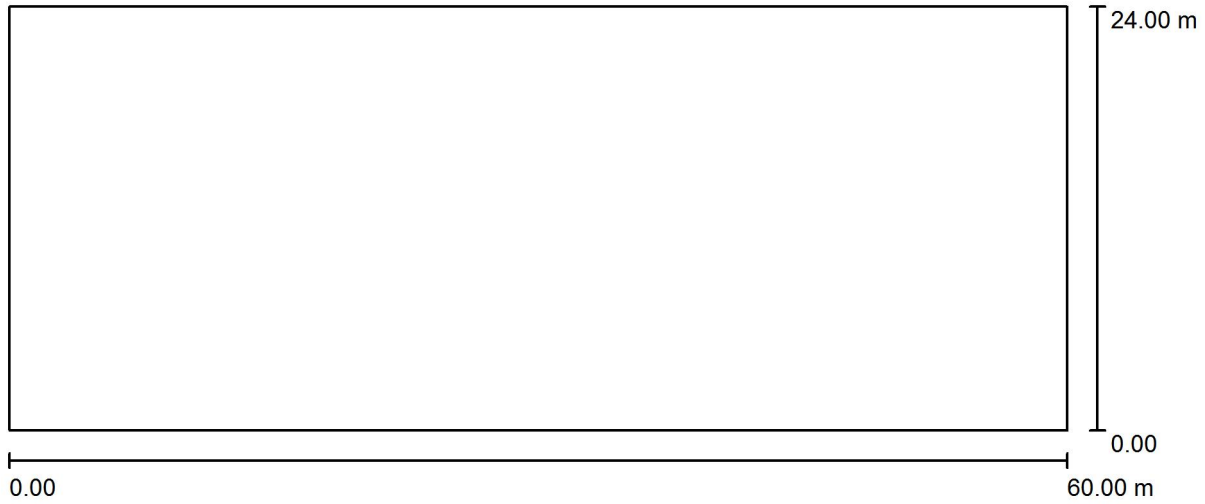
Height of Room: 9.000 m
Ground area: 1440.00 m²



Surface	Rho [%]	from ([m] [m])	towards ([m] [m])	Length [m]
Floor	20	/	/	/
Ceiling	70	/	/	/
Wall 1	50	(0.000 0.000)	(60.000 0.000)	60.000
Wall 2	50	(60.000 0.000)	(60.000 24.000)	24.000
Wall 3	50	(60.000 24.000)	(0.000 24.000)	60.000
Wall 4	50	(0.000 24.000)	(0.000 0.000)	24.000

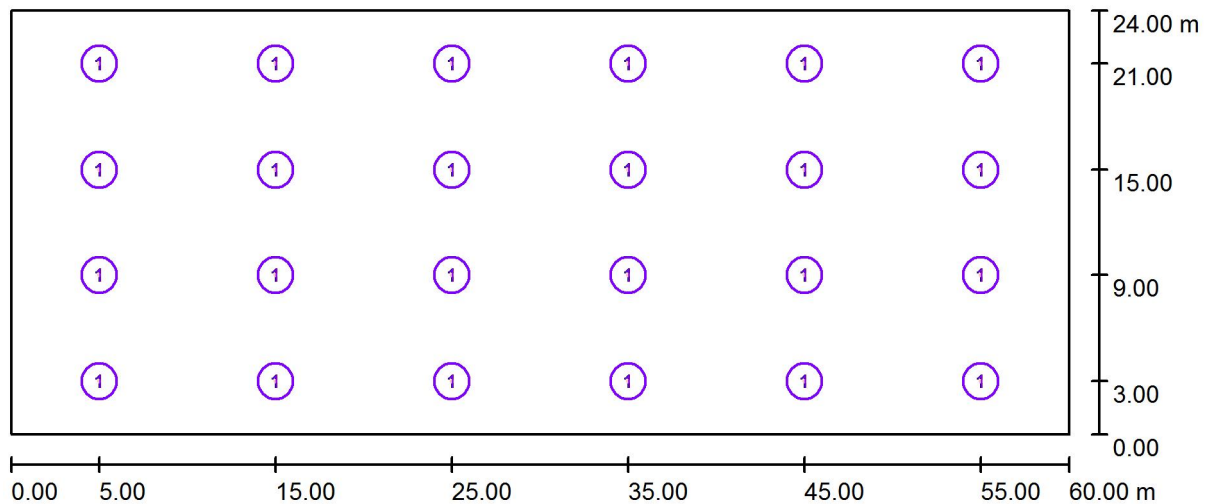
Operator
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Room 1 / Floor plan



Scale 1 : 429

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Room 1 / Luminaires (layout plan)

Scale 1 : 429

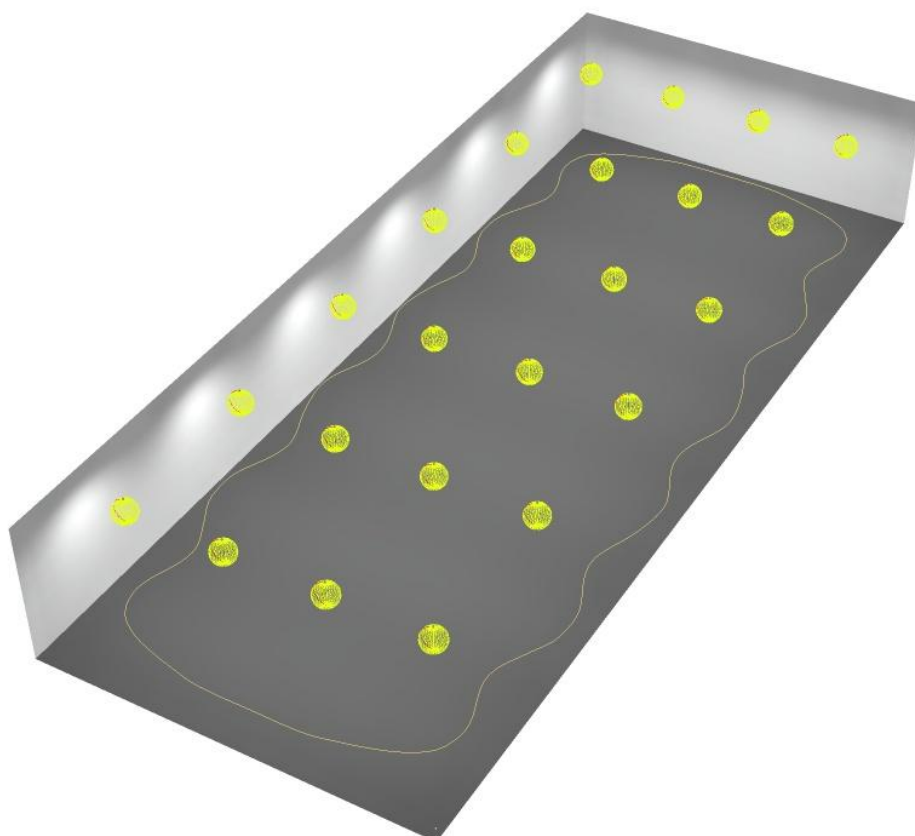
Luminaire Parts List

No.	Pieces	Designation
1	24	Coydon Lighting UFO LED High Bay light (Type 1)*

*Modified Technical Specifications

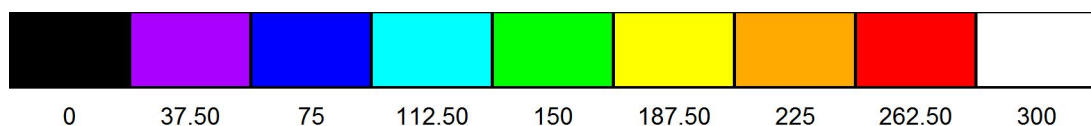
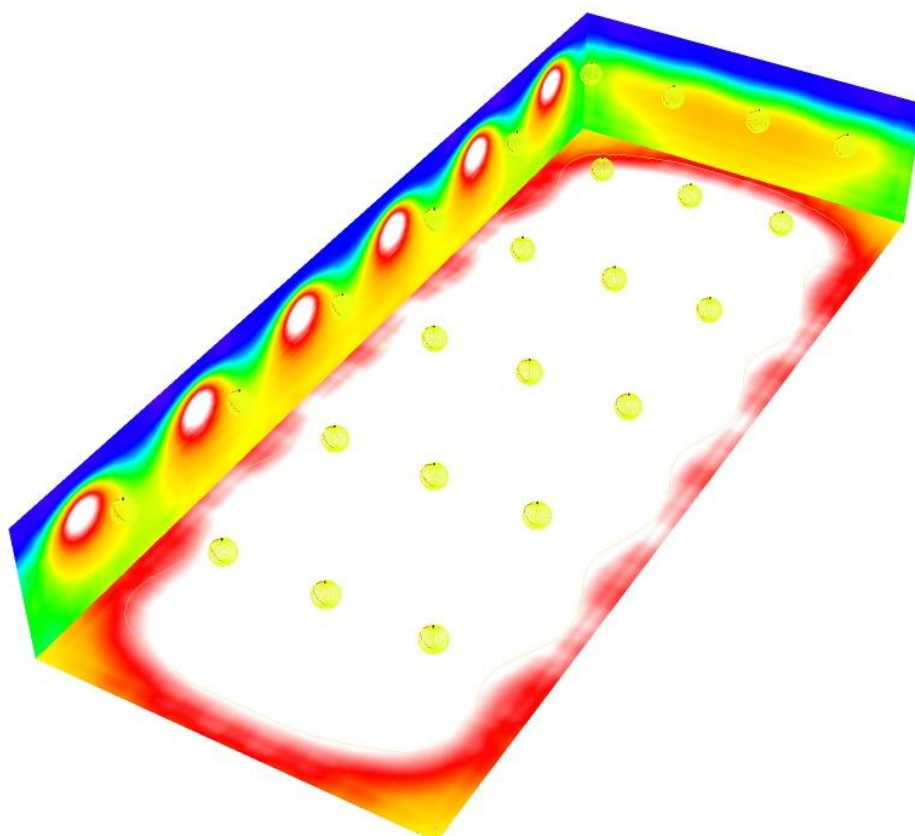
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Room 1 / 3D Rendering



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e-Mail

Room 1 / False Color Rendering



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