

## **indoor basketball court**

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

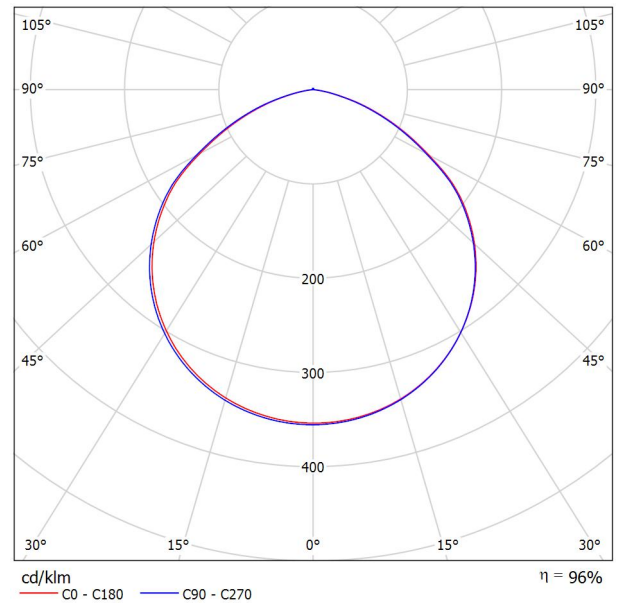
Date: 20.05.2026  
Operator:

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Fax  
e-Mail

## 200W UFO LED High Bay light Coydon Lighting / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:

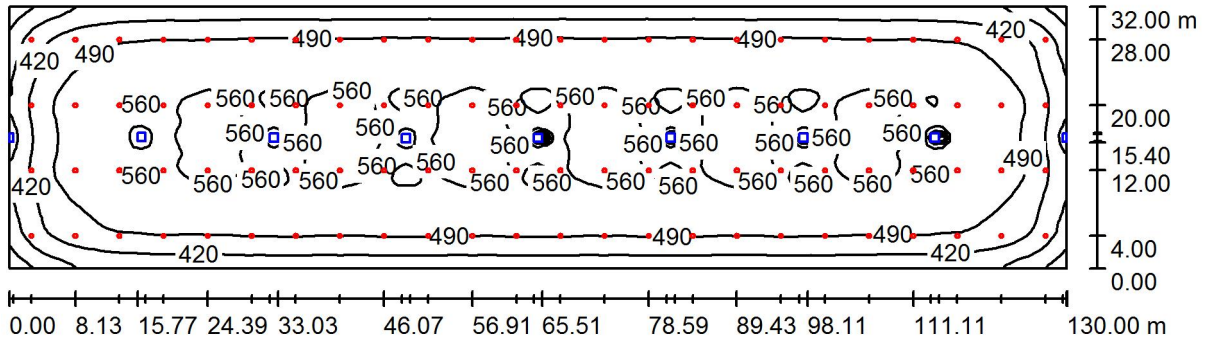


Luminaire classification according to CIE: 100  
CIE flux code: 50 84 98 100 96

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

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**Room 1 / Summary**



Height of Room: 10.000 m, Mounting Height: 9.500 m, Light loss factor: 0.80

Values in Lux, Scale 1:930

Surface	$\rho$ [%]	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	$u_0$
Workplane	/	500	250	578	0.501
Floor	20	488	141	570	0.288
Ceiling	70	101	69	128	0.683
Walls (4)	50	230	60	453	/

**Workplane:**

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

**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	$\Phi$ (Luminaire) [lm]	$\Phi$ (Lamps) [lm]	P [W]
1	96	200W UFO LED High Bay light Coydon Lighting (Type 1)* (1.000)	28675	29775	204.0

\*Modified Technical Specifications

Total: 2752789 Total: 2858400 19584.0

Specific connected load: 4.71 W/m<sup>2</sup> = 0.94 W/m<sup>2</sup>/100 lx (Ground area: 4160.00 m<sup>2</sup>)

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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: 10.000 m  
Ground area: 4160.00 m<sup>2</sup>



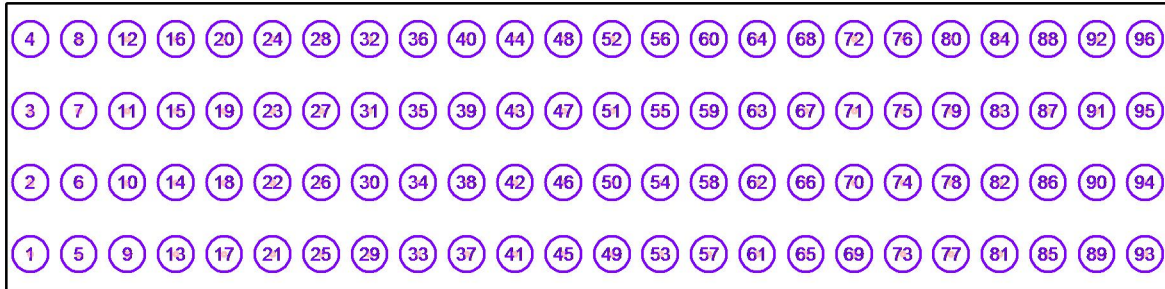
Surface	Rho [%]	from ( [m]   [m] )	towards ( [m]   [m] )	Length [m]
Floor	20	/	/	/
Ceiling	70	/	/	/
Wall 1	50	( 0.000   0.000 )	( 130.000   0.000 )	130.000
Wall 2	50	( 130.000   0.000 )	( 130.000   32.000 )	32.000
Wall 3	50	( 130.000   32.000 )	( 0.000   32.000 )	130.000
Wall 4	50	( 0.000   32.000 )	( 0.000   0.000 )	32.000

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**Room 1 / Luminaires (coordinates list)**

**200W UFO LED High Bay light Coydon Lighting (Type 1)**

28675 lm, 204.0 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	2.710	4.000	9.500	0.0	0.0	90.0
2	2.710	12.000	9.500	0.0	0.0	90.0
3	2.710	20.000	9.500	0.0	0.0	90.0
4	2.710	28.000	9.500	0.0	0.0	90.0
5	8.130	4.000	9.500	0.0	0.0	90.0
6	8.130	12.000	9.500	0.0	0.0	90.0
7	8.130	20.000	9.500	0.0	0.0	90.0
8	8.130	28.000	9.500	0.0	0.0	90.0
9	13.550	4.000	9.500	0.0	0.0	90.0
10	13.550	12.000	9.500	0.0	0.0	90.0
11	13.550	20.000	9.500	0.0	0.0	90.0
12	13.550	28.000	9.500	0.0	0.0	90.0
13	18.970	4.000	9.500	0.0	0.0	90.0
14	18.970	12.000	9.500	0.0	0.0	90.0
15	18.970	20.000	9.500	0.0	0.0	90.0
16	18.970	28.000	9.500	0.0	0.0	90.0
17	24.390	4.000	9.500	0.0	0.0	90.0
18	24.390	12.000	9.500	0.0	0.0	90.0
19	24.390	20.000	9.500	0.0	0.0	90.0
20	24.390	28.000	9.500	0.0	0.0	90.0
21	29.810	4.000	9.500	0.0	0.0	90.0
22	29.810	12.000	9.500	0.0	0.0	90.0
23	29.810	20.000	9.500	0.0	0.0	90.0
24	29.810	28.000	9.500	0.0	0.0	90.0
25	35.230	4.000	9.500	0.0	0.0	90.0
26	35.230	12.000	9.500	0.0	0.0	90.0
27	35.230	20.000	9.500	0.0	0.0	90.0
28	35.230	28.000	9.500	0.0	0.0	90.0

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### Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	40.650	4.000	9.500	0.0	0.0	90.0
30	40.650	12.000	9.500	0.0	0.0	90.0
31	40.650	20.000	9.500	0.0	0.0	90.0
32	40.650	28.000	9.500	0.0	0.0	90.0
33	46.070	4.000	9.500	0.0	0.0	90.0
34	46.070	12.000	9.500	0.0	0.0	90.0
35	46.070	20.000	9.500	0.0	0.0	90.0
36	46.070	28.000	9.500	0.0	0.0	90.0
37	51.490	4.000	9.500	0.0	0.0	90.0
38	51.490	12.000	9.500	0.0	0.0	90.0
39	51.490	20.000	9.500	0.0	0.0	90.0
40	51.490	28.000	9.500	0.0	0.0	90.0
41	56.910	4.000	9.500	0.0	0.0	90.0
42	56.910	12.000	9.500	0.0	0.0	90.0
43	56.910	20.000	9.500	0.0	0.0	90.0
44	56.910	28.000	9.500	0.0	0.0	90.0
45	62.330	4.000	9.500	0.0	0.0	90.0
46	62.330	12.000	9.500	0.0	0.0	90.0
47	62.330	20.000	9.500	0.0	0.0	90.0
48	62.330	28.000	9.500	0.0	0.0	90.0
49	67.750	4.000	9.500	0.0	0.0	90.0
50	67.750	12.000	9.500	0.0	0.0	90.0
51	67.750	20.000	9.500	0.0	0.0	90.0
52	67.750	28.000	9.500	0.0	0.0	90.0
53	73.170	4.000	9.500	0.0	0.0	90.0
54	73.170	12.000	9.500	0.0	0.0	90.0
55	73.170	20.000	9.500	0.0	0.0	90.0
56	73.170	28.000	9.500	0.0	0.0	90.0
57	78.590	4.000	9.500	0.0	0.0	90.0
58	78.590	12.000	9.500	0.0	0.0	90.0
59	78.590	20.000	9.500	0.0	0.0	90.0
60	78.590	28.000	9.500	0.0	0.0	90.0
61	84.010	4.000	9.500	0.0	0.0	90.0
62	84.010	12.000	9.500	0.0	0.0	90.0
63	84.010	20.000	9.500	0.0	0.0	90.0
64	84.010	28.000	9.500	0.0	0.0	90.0
65	89.430	4.000	9.500	0.0	0.0	90.0
66	89.430	12.000	9.500	0.0	0.0	90.0

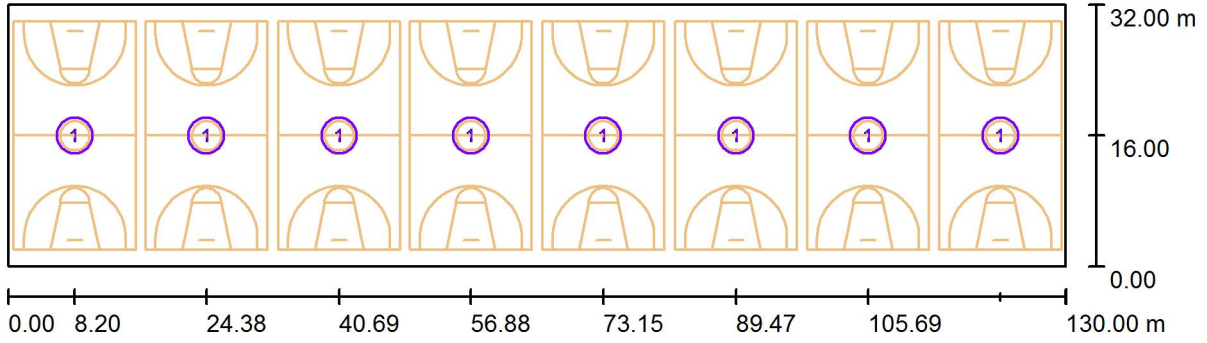
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### Room 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
67	89.430	20.000	9.500	0.0	0.0	90.0
68	89.430	28.000	9.500	0.0	0.0	90.0
69	94.850	4.000	9.500	0.0	0.0	90.0
70	94.850	12.000	9.500	0.0	0.0	90.0
71	94.850	20.000	9.500	0.0	0.0	90.0
72	94.850	28.000	9.500	0.0	0.0	90.0
73	100.270	4.000	9.500	0.0	0.0	90.0
74	100.270	12.000	9.500	0.0	0.0	90.0
75	100.270	20.000	9.500	0.0	0.0	90.0
76	100.270	28.000	9.500	0.0	0.0	90.0
77	105.690	4.000	9.500	0.0	0.0	90.0
78	105.690	12.000	9.500	0.0	0.0	90.0
79	105.690	20.000	9.500	0.0	0.0	90.0
80	105.690	28.000	9.500	0.0	0.0	90.0
81	111.110	4.000	9.500	0.0	0.0	90.0
82	111.110	12.000	9.500	0.0	0.0	90.0
83	111.110	20.000	9.500	0.0	0.0	90.0
84	111.110	28.000	9.500	0.0	0.0	90.0
85	116.530	4.000	9.500	0.0	0.0	90.0
86	116.530	12.000	9.500	0.0	0.0	90.0
87	116.530	20.000	9.500	0.0	0.0	90.0
88	116.530	28.000	9.500	0.0	0.0	90.0
89	121.950	4.000	9.500	0.0	0.0	90.0
90	121.950	12.000	9.500	0.0	0.0	90.0
91	121.950	20.000	9.500	0.0	0.0	90.0
92	121.950	28.000	9.500	0.0	0.0	90.0
93	127.370	4.000	9.500	0.0	0.0	90.0
94	127.370	12.000	9.500	0.0	0.0	90.0
95	127.370	20.000	9.500	0.0	0.0	90.0
96	127.370	28.000	9.500	0.0	0.0	90.0

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**Room 1 / Sport Sites (layout plan)**



Scale 1 : 930

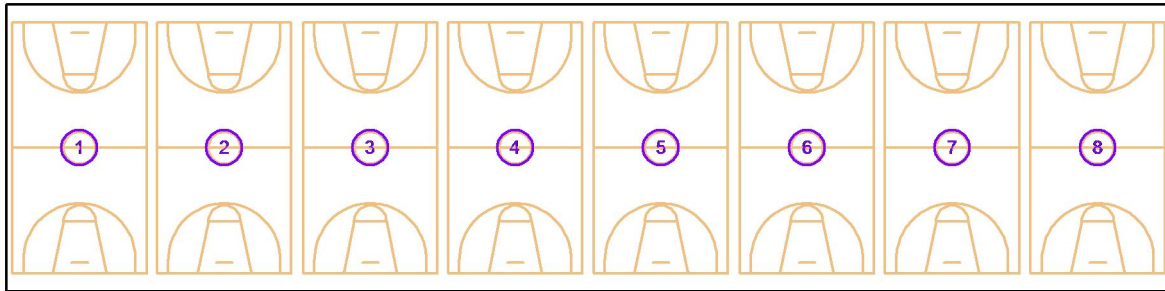
**Sport Site Parts List**

No.	Pieces	Designation
1	8	Basketball

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**Room 1 / Sport Sites (Coordinates List)**

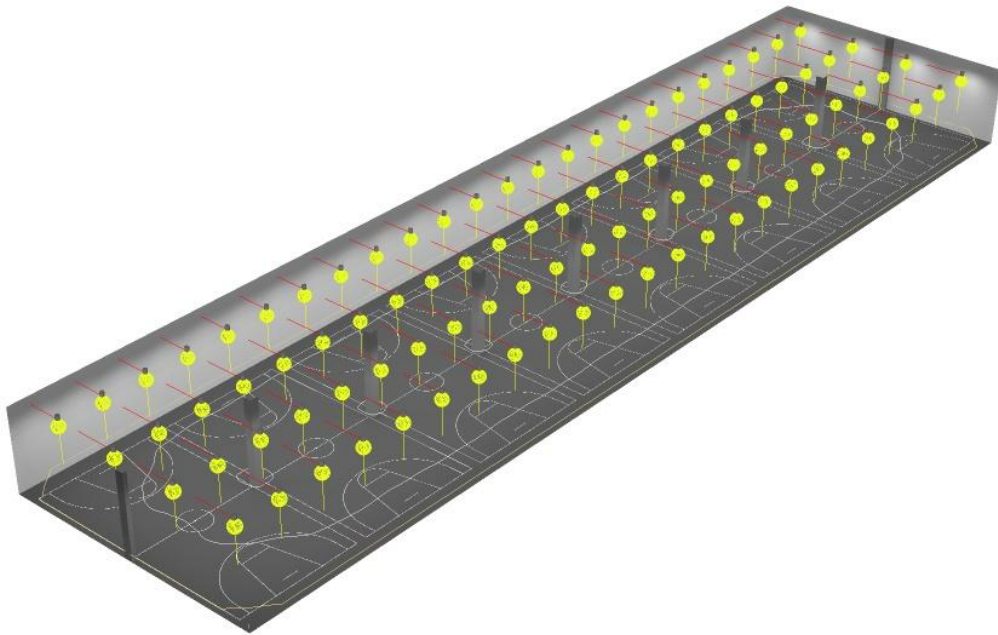
**Basketball**



No.	Position [m]			Size Playing Area [m]		Size Total Area [m]		Rotation [°]		
	X	Y	Z	L	W	L	W	X	Y	Z
1	8.200	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0
2	24.378	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0
3	40.690	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0
4	56.877	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0
5	73.155	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0
6	89.469	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0
7	105.694	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0
8	121.964	16.000	0.000	28.000	15.000	28.000	15.000	0.0	0.0	-90.0

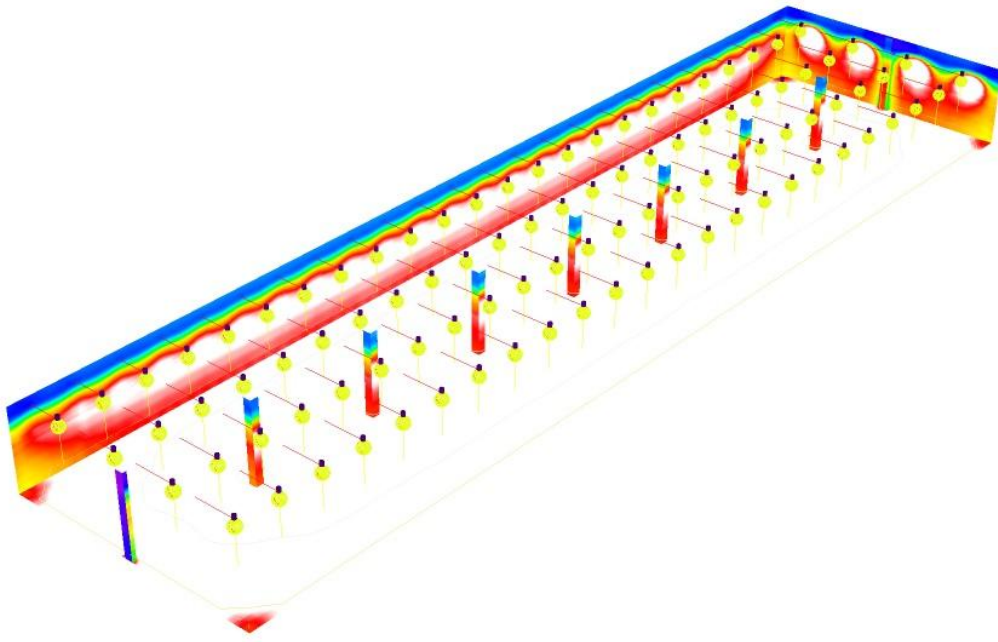
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Room 1 / 3D Rendering



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Room 1 / False Color Rendering



0      37.50      75      112.50      150      187.50      225      262.50      300

lx