

Luminaire

Code 90839L060
Name CLOUD L60W60 DAM 840 HO

Measurem.

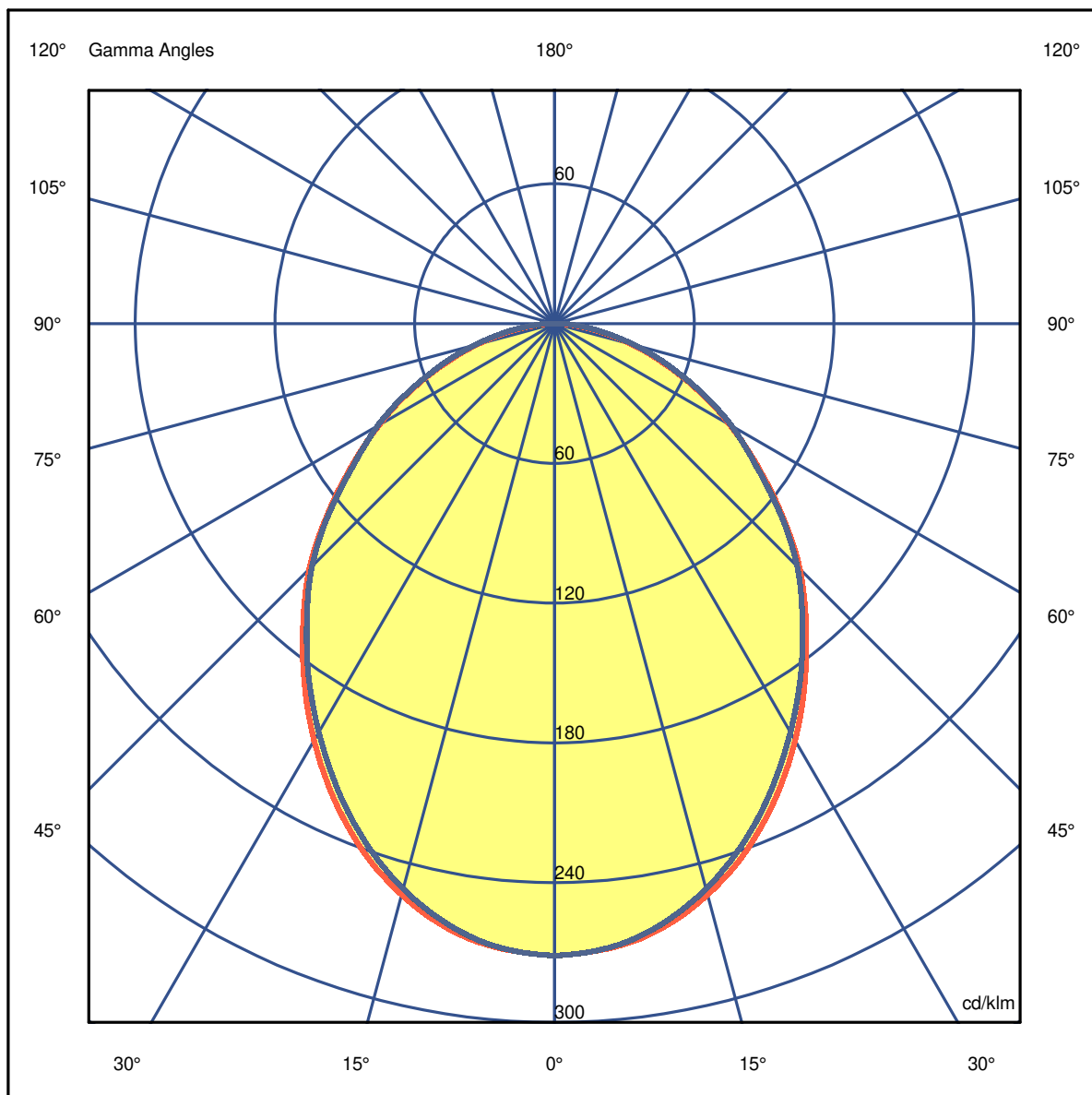
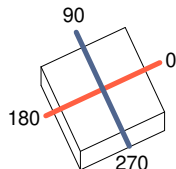
Code 17/8/2023
Name CLOUD L60W60 DAM 840 HO

Luminaire Flux	5381 lm	Luminaire Power	46.6 W	Efficacy	115.397 lm/W	Efficiency	64.06%
Source Flux	8400 lm	Maximum value	271.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

597mm x 597mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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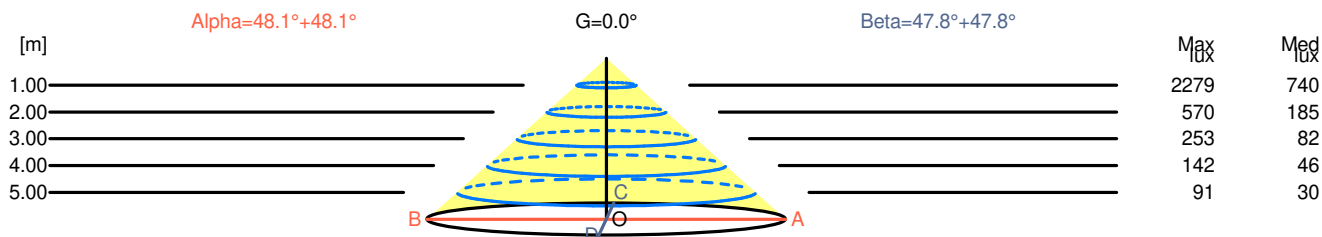
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.11	2.23	3.34	4.46	5.57	OC	1.10	2.21	3.31	4.42	5.52
OB	1.11	2.23	3.34	4.46	5.57	OD	1.10	2.21	3.31	4.42	5.52

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2278.92	2261.28	2131.92	1886.64	1574.16	1250.76	892.92	573.72	287.28	64.68
OB	2278.92	2261.28	2131.92	1886.64	1574.16	1250.76	892.92	573.72	287.28	64.68
OC	2278.92	2258.76	2110.08	1852.20	1547.28	1237.32	882.84	580.44	299.88	86.52
OD	2278.92	2258.76	2110.08	1852.20	1547.28	1237.32	882.84	580.44	299.88	86.52



H[m]	D[m]	Max lux	Med lux	Alpha=48.1°+48.1°	G=0.0	
1.00	2.23	2279	740			
2.00	4.46	570	185			
3.00	6.69	253	82			
4.00	8.92	142	46			
5.00	11.15	91	30			

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0	
1.00	2.21	2279	740			
2.00	4.42	570	185			
3.00	6.62	253	82			
4.00	8.83	142	46			
5.00	11.04	91	30			

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UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.9	18.2	17.2	18.4	18.6	16.9	18.1	17.2	18.4	18.6
x=2H y=3H	18.1	19.2	18.4	19.5	19.7	18.1	19.2	18.4	19.5	19.7
x=2H y=4H	18.5	19.5	18.8	19.8	20.1	18.5	19.6	18.8	19.8	20.1
x=2H y=6H	18.7	19.7	19.1	20.0	20.3	18.8	19.8	19.1	20.1	20.4
x=2H y=8H	18.8	19.7	19.1	20.0	20.4	18.8	19.8	19.2	20.1	20.4
x=2H y=12H	18.8	19.7	19.2	20.0	20.4	18.9	19.8	19.3	20.1	20.5
x=4H y=2H	17.4	18.4	17.7	18.7	19.0	17.4	18.4	17.7	18.7	19.0
x=4H y=3H	18.7	19.6	19.1	20.0	20.3	18.7	19.7	19.1	20.0	20.3
x=4H y=4H	19.2	20.0	19.6	20.4	20.7	19.3	20.1	19.7	20.4	20.8
x=4H y=6H	19.6	20.3	20.0	20.7	21.0	19.6	20.3	20.0	20.7	21.1
x=4H y=8H	19.6	20.3	20.1	20.7	21.1	19.7	20.4	20.2	20.8	21.2
x=4H y=12H	19.7	20.3	20.1	20.7	21.1	19.8	20.4	20.3	20.8	21.2
x=8H y=4H	19.4	20.1	19.8	20.4	20.9	19.4	20.1	19.9	20.5	20.9
x=8H y=6H	19.8	20.4	20.3	20.8	21.3	19.9	20.4	20.4	20.9	21.3
x=8H y=8H	20.0	20.4	20.4	20.9	21.3	20.1	20.5	20.5	21.0	21.4
x=8H y=12H	20.0	20.4	20.5	20.9	21.4	20.2	20.6	20.7	21.0	21.5
x=12H y=4H	19.4	20.0	19.9	20.4	20.8	19.4	20.0	19.9	20.4	20.9
x=12H y=6H	19.9	20.3	20.3	20.8	21.2	19.9	20.4	20.4	20.8	21.3
x=12H y=8H	20.0	20.4	20.5	20.9	21.4	20.1	20.5	20.6	21.0	21.5

Luminaire

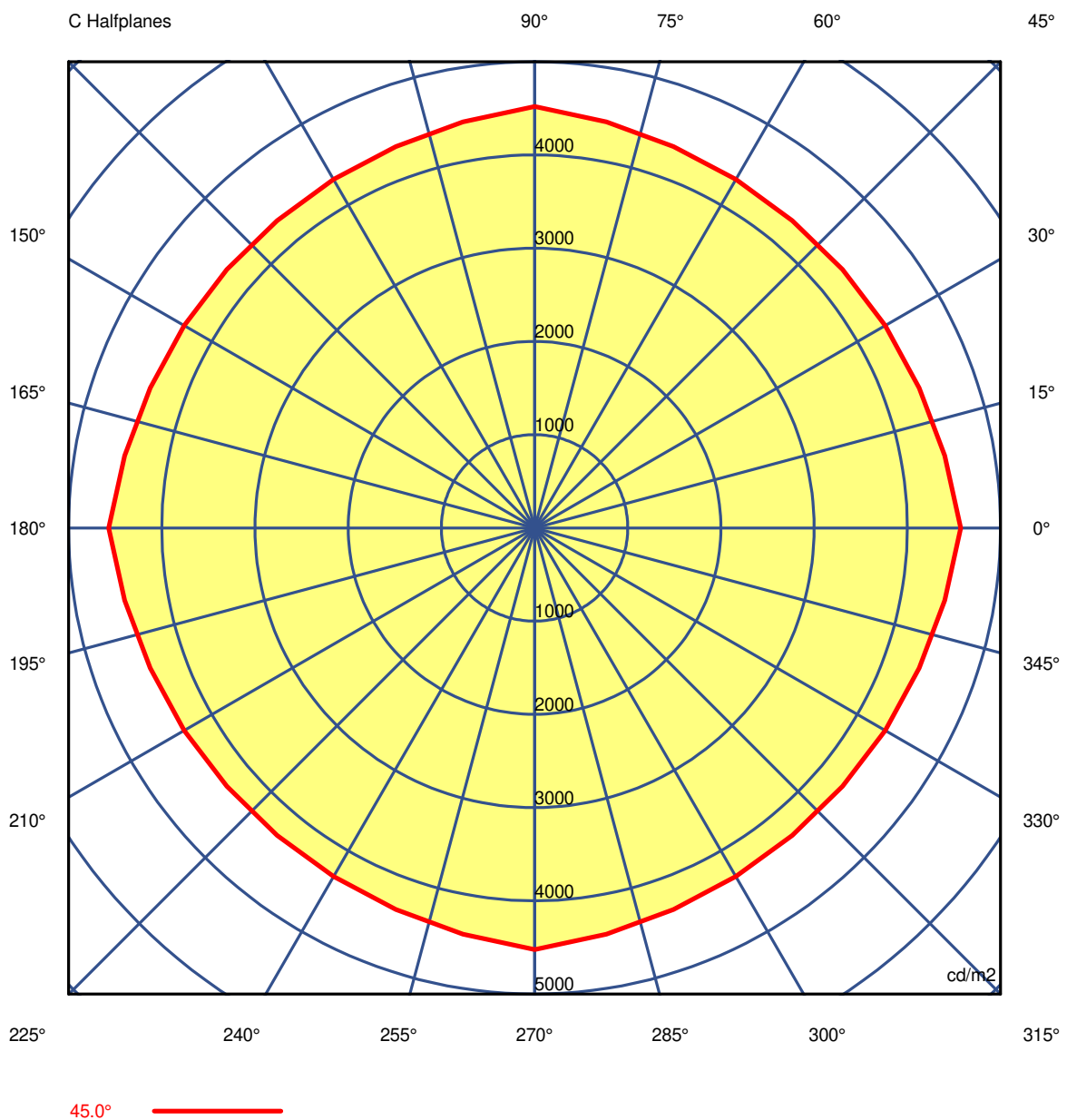
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Luminaire Flux	5381 lm	Luminaire Power	46.6 W	Efficacy	115.397 lm/W	Efficiency	64.06%
Source Flux	8400 lm	Maximum value	271.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	5381 lm	Luminaire Power	46.6 W	Efficacy	115.397 lm/W	Efficiency	64.06%						
Source Flux	8400 lm	Maximum value	271.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical						
Luminance cd/m2													
Table 1/3													
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917
G 5.0	6786	6770	6757	6746	6740	6739	6741	6750	6762	6778	6762	6750	6741
G 10.0	6623	6589	6561	6539	6523	6516	6520	6529	6550	6581	6550	6529	6520
G 15.0	6400	6352	6313	6282	6257	6245	6248	6260	6290	6335	6290	6260	6248
G 20.0	6144	6078	6024	5980	5950	5936	5938	5954	5993	6049	5993	5954	5938
G 25.0	5843	5764	5702	5654	5616	5599	5603	5623	5669	5737	5669	5623	5603
G 30.0	5526	5434	5365	5316	5281	5266	5270	5290	5341	5417	5341	5290	5270
G 35.0	5198	5101	5033	4989	4954	4937	4941	4967	5025	5110	5025	4967	4941
G 40.0	4878	4778	4708	4663	4632	4616	4622	4655	4717	4806	4717	4655	4622
G 45.0	4572	4467	4391	4342	4312	4302	4316	4355	4424	4523	4424	4355	4316
G 50.0	4181	4087	4013	3949	3895	3892	3937	3982	4046	4145	4046	3982	3937
G 55.0	3784	3732	3626	3490	3418	3407	3463	3601	3705	3741	3705	3601	3463
G 60.0	3408	3312	3193	3084	3056	3042	3058	3196	3340	3439	3340	3196	3058
G 65.0	3000	2899	2778	2672	2665	2676	2700	2798	2909	3035	2909	2798	2700
G 70.0	2526	2441	2360	2285	2245	2261	2317	2375	2470	2606	2470	2375	2317
G 75.0	2042	1954	1872	1805	1786	1801	1836	1894	1989	2131	1989	1894	1836
G 80.0	1425	1345	1291	1262	1264	1287	1318	1361	1443	1580	1443	1361	1318
G 85.0	753	704	680	676	686	714	763	836	911	1007	911	836	763
G 90.0	146	132	136	150	159	177	214	270	320	380	320	270	214

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Source Flux	8400 lm		Maximum value		271.30 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917	
G 5.0	6739	6740	6746	6757	6770	6786	6770	6757	6746	6740	6739	6741	6750	
G 10.0	6516	6523	6539	6561	6589	6623	6589	6561	6539	6523	6516	6520	6529	
G 15.0	6245	6257	6282	6313	6352	6400	6352	6313	6282	6257	6245	6248	6260	
G 20.0	5936	5950	5980	6024	6078	6144	6078	6024	5980	5950	5936	5938	5954	
G 25.0	5599	5616	5654	5702	5764	5843	5764	5702	5654	5616	5599	5603	5623	
G 30.0	5266	5281	5316	5365	5434	5526	5434	5365	5316	5281	5266	5270	5290	
G 35.0	4937	4954	4989	5033	5101	5198	5101	5033	4989	4954	4937	4941	4967	
G 40.0	4616	4632	4663	4708	4778	4878	4778	4708	4663	4632	4616	4622	4655	
G 45.0	4302	4312	4342	4391	4467	4572	4467	4391	4342	4312	4302	4316	4355	
G 50.0	3892	3895	3949	4013	4087	4181	4087	4013	3949	3895	3892	3937	3982	
G 55.0	3407	3418	3490	3626	3732	3784	3732	3626	3490	3418	3407	3463	3601	
G 60.0	3042	3056	3084	3193	3312	3408	3312	3193	3084	3056	3042	3058	3196	
G 65.0	2676	2665	2672	2778	2899	3000	2899	2778	2672	2665	2676	2700	2798	
G 70.0	2261	2245	2285	2360	2441	2526	2441	2360	2285	2245	2261	2317	2375	
G 75.0	1801	1786	1805	1872	1954	2042	1954	1872	1805	1786	1801	1836	1894	
G 80.0	1287	1264	1262	1291	1345	1425	1345	1291	1262	1264	1287	1318	1361	
G 85.0	714	686	676	680	704	753	704	680	676	686	714	763	836	
G 90.0	177	159	150	136	132	146	132	136	150	159	177	214	270	

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Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	6917	6917	6917	6917	6917	6917	6917	6917	6917	6917
G 5.0	6762	6778	6762	6750	6741	6739	6740	6746	6757	6770
G 10.0	6550	6581	6550	6529	6520	6516	6523	6539	6561	6589
G 15.0	6290	6335	6290	6260	6248	6245	6257	6282	6313	6352
G 20.0	5993	6049	5993	5954	5938	5936	5950	5980	6024	6078
G 25.0	5669	5737	5669	5623	5603	5599	5616	5654	5702	5764
G 30.0	5341	5417	5341	5290	5270	5266	5281	5316	5365	5434
G 35.0	5025	5110	5025	4967	4941	4937	4954	4989	5033	5101
G 40.0	4717	4806	4717	4655	4622	4616	4632	4663	4708	4778
G 45.0	4424	4523	4424	4355	4316	4302	4312	4342	4391	4467
G 50.0	4046	4145	4046	3982	3937	3892	3895	3949	4013	4087
G 55.0	3705	3741	3705	3601	3463	3407	3418	3490	3626	3732
G 60.0	3340	3439	3340	3196	3058	3042	3056	3084	3193	3312
G 65.0	2909	3035	2909	2798	2700	2676	2665	2672	2778	2899
G 70.0	2470	2606	2470	2375	2317	2261	2245	2285	2360	2441
G 75.0	1989	2131	1989	1894	1836	1801	1786	1805	1872	1954
G 80.0	1443	1580	1443	1361	1318	1287	1264	1262	1291	1345
G 85.0	911	1007	911	836	763	714	686	676	680	704
G 90.0	320	380	320	270	214	177	159	150	136	132