

Luminaire

Code 90847L060
Name BLED IP L60W60 DAM 840 HO

Measur.

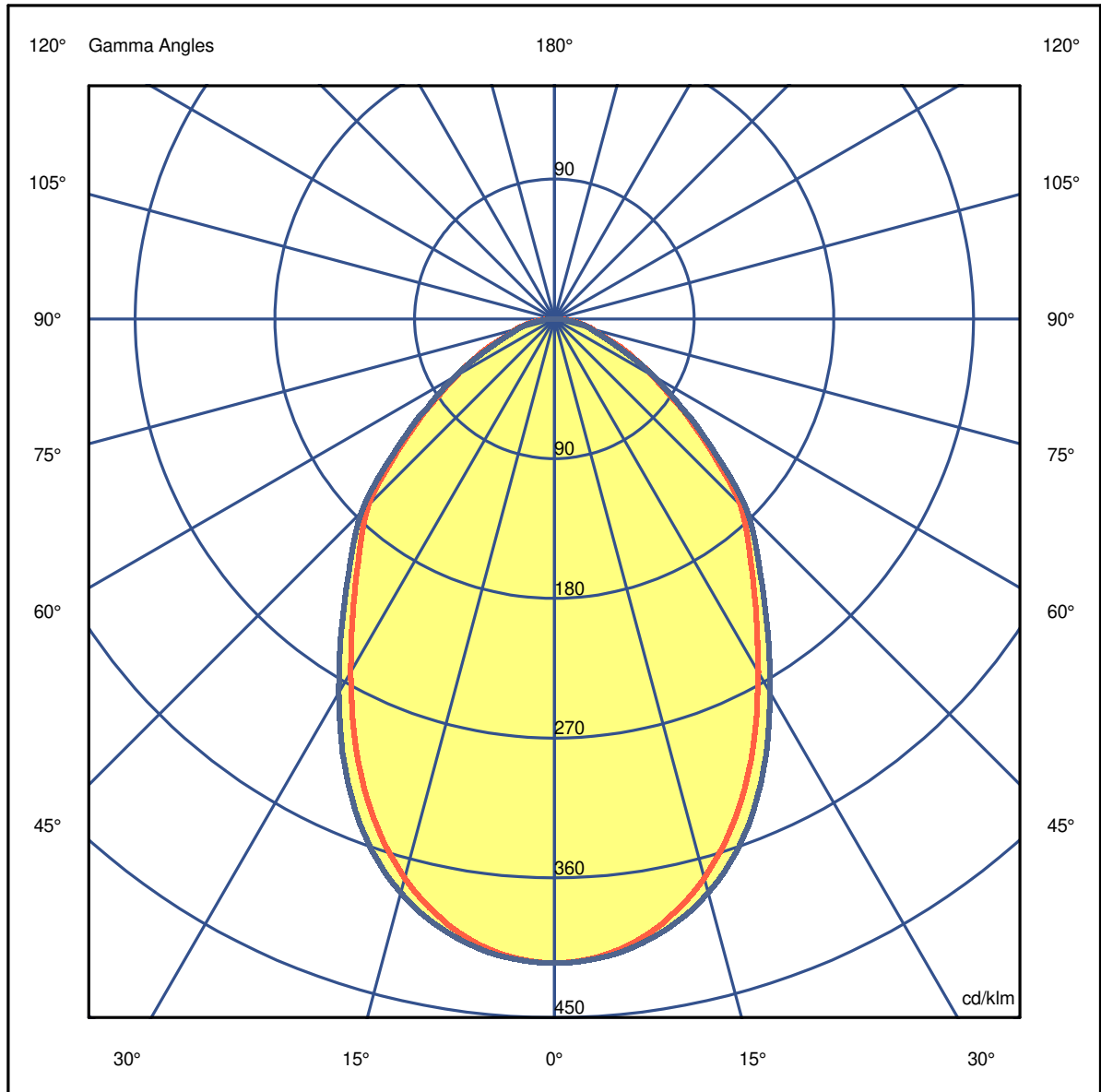
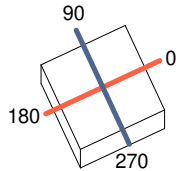
Code 16/8/2023
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Luminaire Flux	5658 lm	Luminaire Power	44.0 W	Efficacy	128.744 lm/W	Efficiency	73.68%
Source Flux	7680 lm	Maximum value	414.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

595mm x 595mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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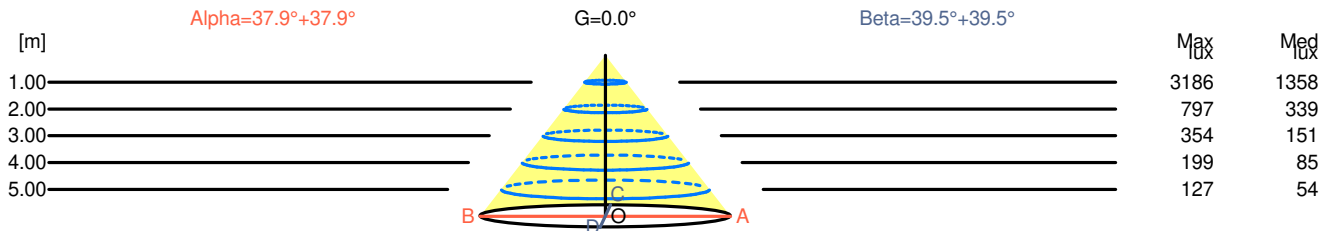
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Width at 50.00 % of Max Intensity

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	0.78	1.56	2.34	3.11	3.89	OC	0.83	1.65	2.48	3.30	4.13
OB	0.78	1.56	2.34	3.11	3.89	OD	0.83	1.65	2.48	3.30	4.13

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3186.43	3148.80	2863.10	2327.04	1735.68	1301.76	761.86	405.50	195.84	76.03
OB	3186.43	3148.80	2863.10	2327.04	1735.68	1301.76	761.86	405.50	195.84	76.03
OC	3186.43	3159.55	2937.60	2449.15	1830.91	1350.91	768.77	378.62	185.09	53.76
OD	3186.43	3159.55	2937.60	2449.15	1830.91	1350.91	768.77	378.62	185.09	53.76



H[m]	D[m]	Max lux	Med lux	Alpha=37.9°+37.9°	G=0.0
1.00	1.56	3186	1358		
2.00	3.11	797	339		
3.00	4.67	354	151		
4.00	6.23	199	85		
5.00	7.79	127	54		

H[m]	D[m]	Max lux	Med lux	Beta=39.5°+39.5°	G=0.0
1.00	1.65	3186	1358		
2.00	3.30	797	339		
3.00	4.95	354	151		
4.00	6.60	199	85		
5.00	8.25	127	54		

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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	16.1	17.2	16.4	17.4	17.7	16.3	17.4	16.6	17.6	17.8
x=2H y=3H	16.8	17.9	17.1	18.1	18.3	16.9	17.9	17.2	18.2	18.4
x=2H y=4H	17.1	18.0	17.4	18.3	18.6	17.1	18.1	17.5	18.4	18.6
x=2H y=6H	17.3	18.2	17.7	18.5	18.8	17.3	18.2	17.6	18.5	18.8
x=2H y=8H	17.4	18.2	17.7	18.5	18.8	17.3	18.2	17.7	18.5	18.8
x=2H y=12H	17.4	18.2	17.8	18.5	18.9	17.3	18.2	17.7	18.5	18.8
x=4H y=2H	16.3	17.2	16.6	17.5	17.8	16.4	17.4	16.8	17.7	17.9
x=4H y=3H	17.1	17.9	17.5	18.2	18.6	17.2	18.0	17.6	18.3	18.6
x=4H y=4H	17.5	18.2	17.9	18.6	18.9	17.5	18.2	17.9	18.6	18.9
x=4H y=6H	17.8	18.5	18.3	18.8	19.2	17.8	18.4	18.2	18.8	19.2
x=4H y=8H	18.0	18.5	18.4	18.9	19.3	17.9	18.4	18.3	18.8	19.2
x=4H y=12H	18.1	18.6	18.5	19.0	19.4	17.9	18.4	18.4	18.8	19.3
x=8H y=4H	17.6	18.1	18.0	18.5	18.9	17.6	18.1	18.0	18.5	19.0
x=8H y=6H	18.0	18.5	18.5	18.9	19.4	18.0	18.4	18.4	18.8	19.3
x=8H y=8H	18.2	18.6	18.7	19.1	19.5	18.1	18.5	18.6	18.9	19.4
x=8H y=12H	18.4	18.7	18.9	19.2	19.7	18.2	18.6	18.7	19.0	19.5
x=12H y=4H	17.6	18.1	18.0	18.5	18.9	17.6	18.1	18.0	18.5	18.9
x=12H y=6H	18.0	18.4	18.5	18.9	19.4	18.0	18.4	18.5	18.8	19.3
x=12H y=8H	18.3	18.6	18.8	19.1	19.6	18.2	18.5	18.6	19.0	19.5

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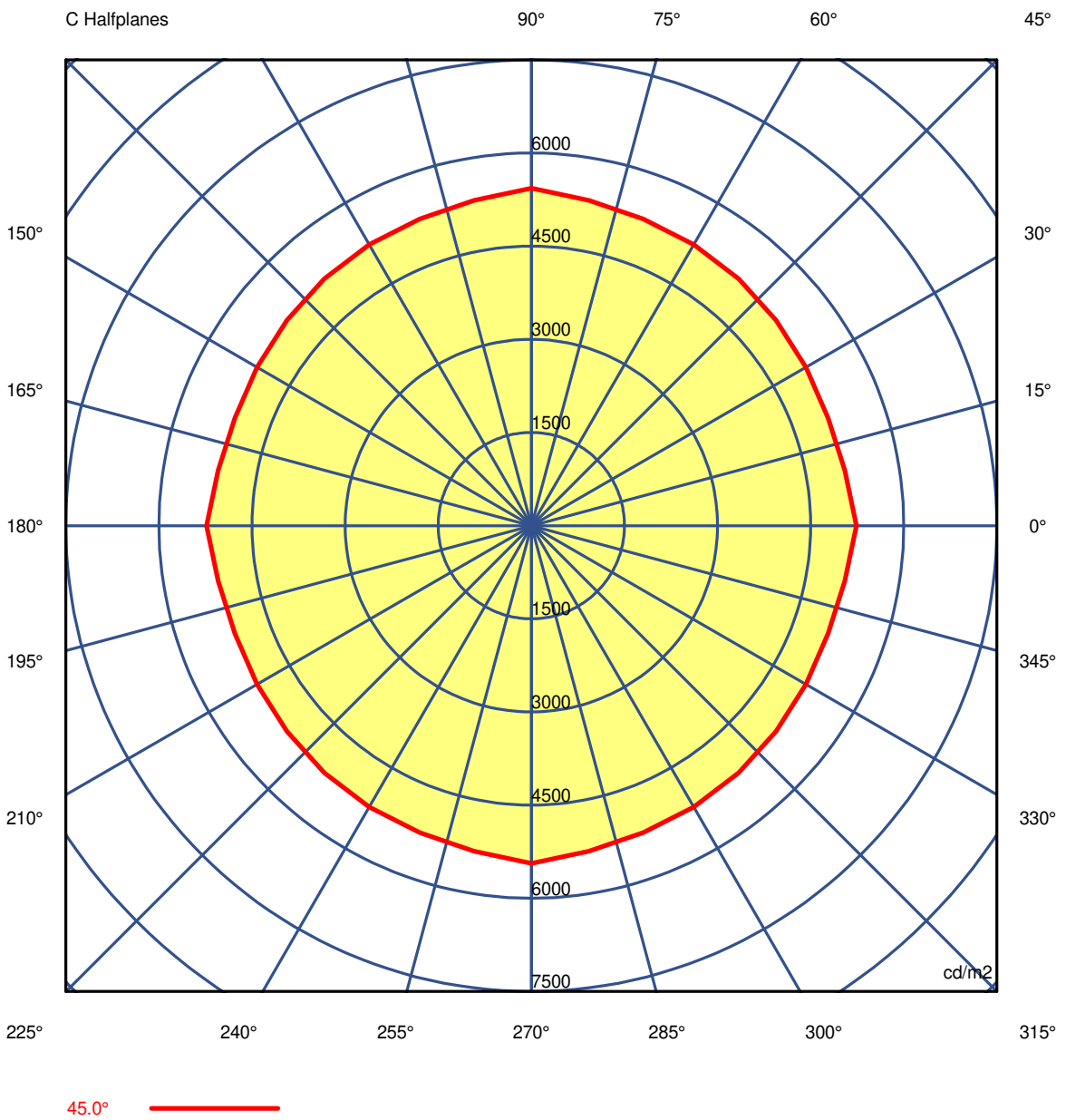
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Source Flux	7680 lm	Maximum value	414.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	7680 lm	Maximum value	414.90 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	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728
G 5.0	10473	10451	10432	10421	10424	10432	10441	10458	10482	10509	10482	10458	10441
G 10.0	10071	10023	9991	9985	9997	10019	10050	10095	10141	10193	10141	10095	10050
G 15.0	9512	9444	9405	9399	9422	9469	9532	9603	9678	9759	9678	9603	9532
G 20.0	8803	8724	8670	8654	8688	8755	8843	8950	9056	9162	9056	8950	8843
G 25.0	7963	7871	7822	7822	7861	7930	8023	8139	8258	8381	8258	8139	8023
G 30.0	7089	6994	6956	6977	7035	7109	7188	7274	7378	7508	7378	7274	7188
G 35.0	6321	6225	6194	6227	6289	6363	6431	6478	6554	6668	6554	6478	6431
G 40.0	5715	5622	5592	5619	5669	5731	5787	5821	5880	5985	5880	5821	5787
G 45.0	5237	5128	5086	5105	5145	5190	5228	5257	5320	5435	5320	5257	5228
G 50.0	4331	4251	4210	4147	4046	4080	4302	4370	4396	4482	4396	4370	4302
G 55.0	3543	3657	3455	2964	2532	2494	2901	3474	3727	3575	3727	3474	2901
G 60.0	2829	2830	2494	2048	2048	2078	2138	2577	2893	2888	2893	2577	2138
G 65.0	2318	2182	1909	1560	1703	1725	1604	1915	2186	2165	2186	1915	1604
G 70.0	1734	1815	1714	1491	1365	1366	1473	1638	1713	1664	1713	1638	1473
G 75.0	1512	1446	1359	1244	1140	1124	1198	1286	1361	1429	1361	1286	1198
G 80.0	1233	1199	1133	1070	1078	1059	1015	1041	1066	1051	1066	1041	1015
G 85.0	948	938	941	898	771	743	814	797	732	670	732	797	814
G 90.0	395	351	316	289	280	280	289	289	285	282	285	289	289

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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	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728
G 5.0	10432	10424	10421	10432	10451	10473	10451	10432	10421	10424	10432	10441	10458
G 10.0	10019	9997	9985	9991	10023	10071	10023	9991	9985	9997	10019	10050	10095
G 15.0	9469	9422	9399	9405	9444	9512	9444	9405	9399	9422	9469	9532	9603
G 20.0	8755	8688	8654	8670	8724	8803	8724	8670	8654	8688	8755	8843	8950
G 25.0	7930	7861	7822	7822	7871	7963	7871	7822	7822	7861	7930	8023	8139
G 30.0	7109	7035	6977	6956	6994	7089	6994	6956	6977	7035	7109	7188	7274
G 35.0	6363	6289	6227	6194	6225	6321	6225	6194	6227	6289	6363	6431	6478
G 40.0	5731	5669	5619	5592	5622	5715	5622	5592	5619	5669	5731	5787	5821
G 45.0	5190	5145	5105	5086	5128	5237	5128	5086	5105	5145	5190	5228	5257
G 50.0	4080	4046	4147	4210	4251	4331	4251	4210	4147	4046	4080	4302	4370
G 55.0	2494	2532	2964	3455	3657	3543	3657	3455	2964	2532	2494	2901	3474
G 60.0	2078	2048	2048	2494	2830	2829	2830	2494	2048	2048	2078	2138	2577
G 65.0	1725	1703	1560	1909	2182	2318	2182	1909	1560	1703	1725	1604	1915
G 70.0	1366	1365	1491	1714	1815	1734	1815	1491	1365	1366	1366	1473	1638
G 75.0	1124	1140	1244	1359	1446	1512	1446	1359	1244	1140	1124	1198	1286
G 80.0	1059	1078	1070	1133	1199	1233	1199	1133	1070	1078	1059	1015	1041
G 85.0	743	771	898	941	938	948	938	898	771	743	743	814	797
G 90.0	280	280	289	316	351	395	351	289	280	280	280	289	289

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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	10728	10728	10728	10728	10728	10728	10728	10728	10728	10728
G 5.0	10482	10509	10482	10458	10441	10432	10424	10421	10432	10451
G 10.0	10141	10193	10141	10095	10050	10019	9997	9985	9991	10023
G 15.0	9678	9759	9678	9603	9532	9469	9422	9399	9405	9444
G 20.0	9056	9162	9056	8950	8843	8755	8688	8654	8670	8724
G 25.0	8258	8381	8258	8139	8023	7930	7861	7822	7822	7871
G 30.0	7378	7508	7378	7274	7188	7109	7035	6977	6956	6994
G 35.0	6554	6668	6554	6478	6431	6363	6289	6227	6194	6225
G 40.0	5880	5985	5880	5821	5787	5731	5669	5619	5592	5622
G 45.0	5320	5435	5320	5257	5228	5190	5145	5105	5086	5128
G 50.0	4396	4482	4396	4370	4302	4080	4046	4147	4210	4251
G 55.0	3727	3575	3727	3474	2901	2494	2532	2964	3455	3657
G 60.0	2893	2888	2893	2577	2138	2078	2048	2048	2494	2830
G 65.0	2186	2165	2186	1915	1604	1725	1703	1560	1909	2182
G 70.0	1713	1664	1713	1638	1473	1366	1365	1491	1714	1815
G 75.0	1361	1429	1361	1286	1198	1124	1140	1244	1359	1446
G 80.0	1066	1051	1066	1041	1015	1059	1078	1070	1133	1199
G 85.0	732	670	732	797	814	743	771	898	941	938
G 90.0	285	282	285	289	289	280	280	289	316	351