

Luminaire

Code 90847L120

Name BLED IP L12W30 DAM 830 HO

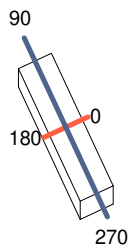
Measurem.

Code 16/8/2023

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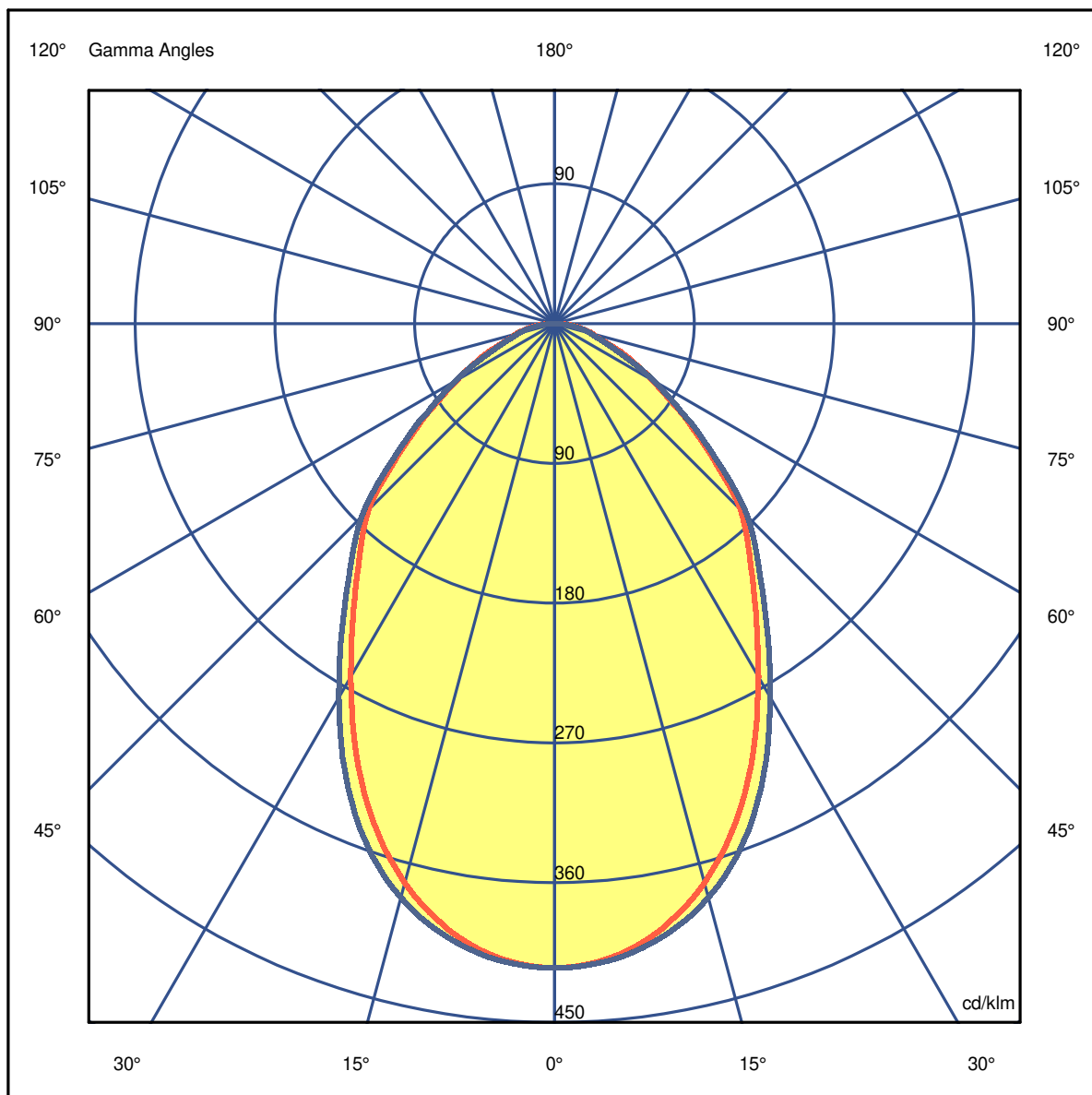
Luminaire Flux	5405 lm	Luminaire Power	44.0 W	Efficacy	122.978 lm/W	Efficiency	73.68%
Source Flux	7336 lm	Maximum value	414.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1195mm x 295mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



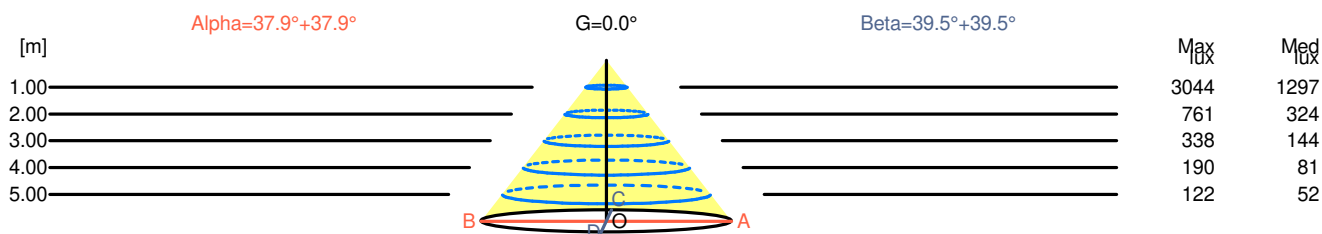
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	3043.71	3007.76	2734.86	2222.81	1657.94	1243.45	727.73	387.34	187.07	72.63
OB	3043.71	3007.76	2734.86	2222.81	1657.94	1243.45	727.73	387.34	187.07	72.63
OC	3043.71	3018.03	2806.02	2339.45	1748.90	1290.40	734.33	361.66	176.80	51.35
OD	3043.71	3018.03	2806.02	2339.45	1748.90	1290.40	734.33	361.66	176.80	51.35



H[m]	D[m]	Max lux	Med lux	Alpha=37.9°+37.9°	G=0.0
1.00	1.56	3044	1297		
2.00	3.11	761	324		
3.00	4.67	338	144		
4.00	6.23	190	81		
5.00	7.79	122	52		

H[m]	D[m]	Max lux	Med lux	Beta=39.5°+39.5°	G=0.0
1.00	1.65	3044	1297		
2.00	3.30	761	324		
3.00	4.95	338	144		
4.00	6.60	190	81		
5.00	8.25	122	52		

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Source Flux	7336 lm	Maximum value	414.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	15.6	16.7	15.9	16.9	17.2	16.4	17.5	16.7	17.7	18.0
x=2H y=3H	16.2	17.2	16.5	17.5	17.7	17.1	18.1	17.4	18.3	18.6
x=2H y=4H	16.4	17.4	16.8	17.7	17.9	17.3	18.3	17.7	18.6	18.8
x=2H y=6H	16.6	17.5	16.9	17.8	18.1	17.5	18.4	17.9	18.7	19.0
x=2H y=8H	16.6	17.5	17.0	17.8	18.1	17.6	18.4	17.9	18.7	19.0
x=2H y=12H	16.7	17.5	17.0	17.8	18.1	17.6	18.4	18.0	18.7	19.1
x=4H y=2H	15.8	16.7	16.1	17.0	17.3	16.5	17.5	16.8	17.7	18.0
x=4H y=3H	16.5	17.3	16.9	17.7	18.0	17.3	18.1	17.7	18.4	18.8
x=4H y=4H	16.8	17.5	17.2	17.9	18.3	17.6	18.3	18.0	18.7	19.1
x=4H y=6H	17.1	17.7	17.5	18.1	18.5	18.0	18.6	18.4	19.0	19.4
x=4H y=8H	17.2	17.8	17.6	18.2	18.6	18.1	18.6	18.5	19.0	19.4
x=4H y=12H	17.3	17.8	17.7	18.2	18.6	18.1	18.7	18.6	19.1	19.5
x=8H y=4H	16.9	17.5	17.4	17.9	18.3	17.7	18.2	18.1	18.6	19.1
x=8H y=6H	17.3	17.8	17.8	18.2	18.6	18.1	18.6	18.6	19.0	19.4
x=8H y=8H	17.4	17.9	17.9	18.3	18.8	18.3	18.7	18.7	19.1	19.6
x=8H y=12H	17.6	17.9	18.1	18.4	18.9	18.4	18.8	18.9	19.2	19.7
x=12H y=4H	16.9	17.4	17.4	17.8	18.3	17.7	18.2	18.1	18.6	19.0
x=12H y=6H	17.3	17.7	17.8	18.2	18.6	18.1	18.5	18.6	19.0	19.4
x=12H y=8H	17.5	17.9	18.0	18.3	18.8	18.3	18.7	18.8	19.1	19.6

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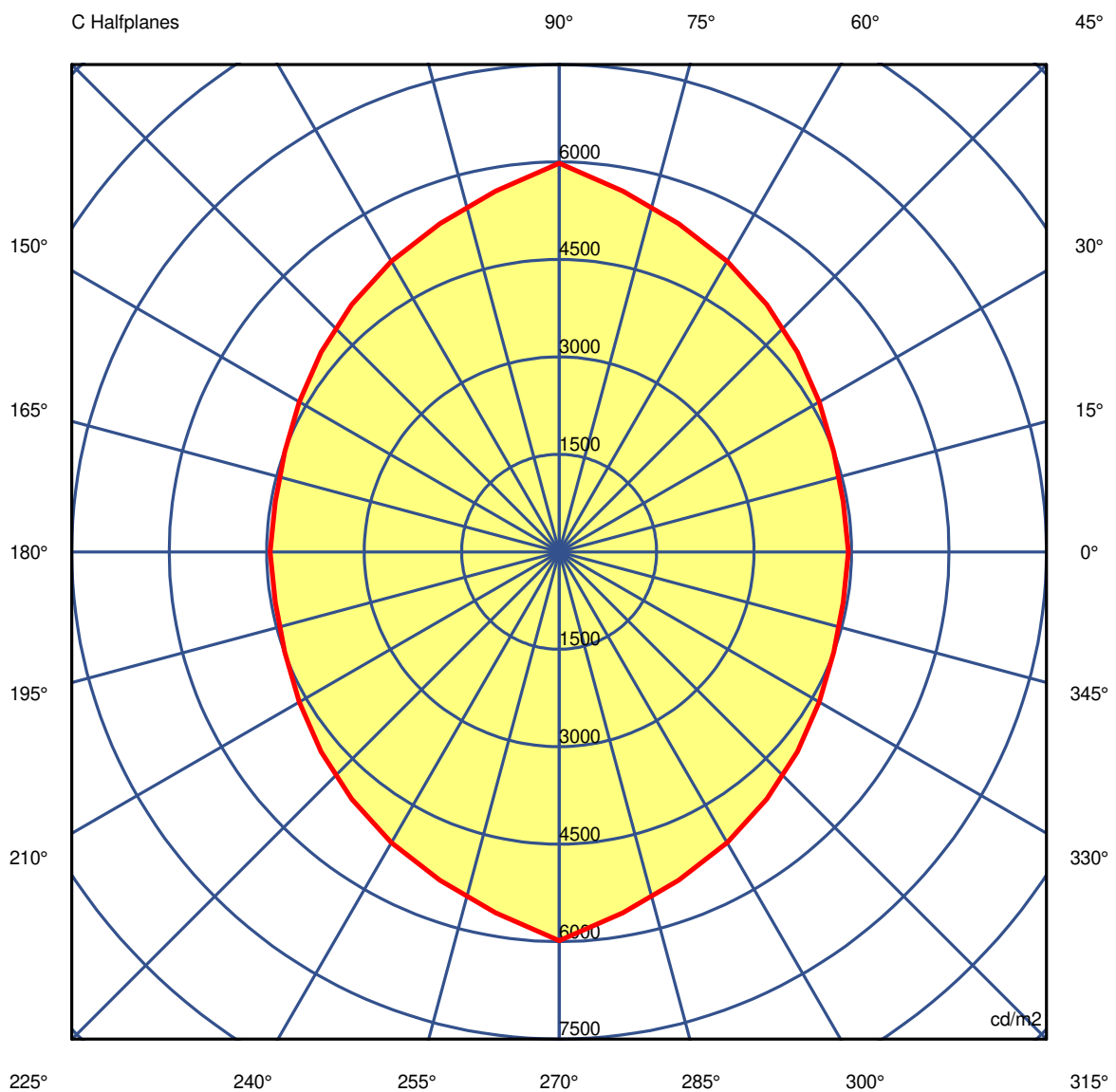
Measurem.

Code 16/8/2023

Name BLED IP L12W30 DAM 830 HO

Luminaire Flux	5405 lm	Luminaire Power	44.0 W	Efficacy	122.978 lm/W	Efficiency	73.68%
Source Flux	7336 lm	Maximum value	414.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Measur.

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Luminaire Flux	5405 lm		Luminaire Power		44.0 W		Efficacy		122.978 lm/W		Efficiency		73.68%	
Source Flux	7336 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	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	
G 5.0	10392	10388	10392	10409	10444	10487	10534	10590	10652	10718	10652	10590	10534	
G 10.0	9810	9797	9809	9855	9926	10014	10115	10233	10355	10482	10355	10233	10115	
G 15.0	9098	9081	9103	9169	9273	9410	9571	9745	9928	10119	9928	9745	9571	
G 20.0	8270	8253	8275	8345	8476	8651	8858	9093	9335	9580	9335	9093	8858	
G 25.0	7345	7325	7360	7455	7601	7791	8017	8278	8554	8842	8554	8278	8017	
G 30.0	6417	6401	6450	6571	6741	6943	7165	7408	7682	7995	7682	7408	7165	
G 35.0	5611	5598	5658	5792	5970	6177	6394	6605	6861	7172	6861	6605	6394	
G 40.0	4969	4963	5027	5159	5328	5526	5737	5944	6192	6508	6192	5944	5737	
G 45.0	4452	4437	4495	4622	4785	4970	5167	5376	5640	5983	5640	5376	5167	
G 50.0	3591	3599	3652	3698	3718	3876	4238	4476	4694	5004	4694	4476	4238	
G 55.0	2857	3022	2935	2598	2297	2349	2847	3565	4014	4058	4014	3565	2847	
G 60.0	2209	2274	2069	1760	1830	1937	2089	2650	3148	3344	3148	2650	2089	
G 65.0	1742	1696	1540	1310	1495	1590	1559	1975	2408	2569	2408	1975	1559	
G 70.0	1243	1355	1336	1218	1173	1240	1422	1695	1918	2041	1918	1695	1422	
G 75.0	1021	1026	1015	981	953	1002	1147	1336	1557	1836	1557	1336	1147	
G 80.0	768	795	799	806	869	921	961	1089	1259	1450	1259	1089	961	
G 85.0	524	564	613	634	591	624	758	841	909	1051	909	841	758	
G 90.0	179	181	182	184	199	222	262	311	391	599	391	311	262	

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Source Flux	7336 lm		Maximum value		414.90 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	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850	
G 5.0	10487	10444	10409	10392	10388	10392	10388	10392	10409	10444	10487	10534	10590	
G 10.0	10014	9926	9855	9809	9797	9810	9797	9809	9855	9926	10014	10115	10233	
G 15.0	9410	9273	9169	9103	9081	9098	9081	9103	9169	9273	9410	9571	9745	
G 20.0	8651	8476	8345	8275	8253	8270	8253	8275	8345	8476	8651	8858	9093	
G 25.0	7791	7601	7455	7360	7325	7345	7325	7360	7455	7601	7791	8017	8278	
G 30.0	6943	6741	6571	6450	6401	6417	6401	6450	6571	6741	6943	7165	7408	
G 35.0	6177	5970	5792	5658	5598	5611	5598	5658	5792	5970	6177	6394	6605	
G 40.0	5526	5328	5159	5027	4963	4969	4963	5027	5159	5328	5526	5737	5944	
G 45.0	4970	4785	4622	4495	4437	4452	4437	4495	4622	4785	4970	5167	5376	
G 50.0	3876	3718	3698	3652	3599	3591	3599	3652	3698	3718	3876	4238	4476	
G 55.0	2349	2297	2598	2935	3022	2857	3022	2935	2598	2297	2349	2847	3565	
G 60.0	1937	1830	1760	2069	2274	2209	2274	2069	1760	1830	1937	2089	2650	
G 65.0	1590	1495	1310	1540	1696	1742	1696	1540	1310	1495	1590	1559	1975	
G 70.0	1240	1173	1218	1336	1355	1243	1355	1336	1218	1173	1240	1422	1695	
G 75.0	1002	953	981	1015	1026	1021	1026	1015	981	953	1002	1147	1336	
G 80.0	921	869	806	799	795	768	795	799	806	869	921	961	1089	
G 85.0	624	591	634	613	564	524	564	613	634	591	624	758	841	
G 90.0	222	199	184	182	181	179	181	182	184	199	222	262	311	

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Source Flux	7336 lm	Maximum value	414.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	10850	10850	10850	10850	10850	10850	10850	10850	10850	10850
G 5.0	10652	10718	10652	10590	10534	10487	10444	10409	10392	10388
G 10.0	10355	10482	10355	10233	10115	10014	9926	9855	9809	9797
G 15.0	9928	10119	9928	9745	9571	9410	9273	9169	9103	9081
G 20.0	9335	9580	9335	9093	8858	8651	8476	8345	8275	8253
G 25.0	8554	8842	8554	8278	8017	7791	7601	7455	7360	7325
G 30.0	7682	7995	7682	7408	7165	6943	6741	6571	6450	6401
G 35.0	6861	7172	6861	6605	6394	6177	5970	5792	5658	5598
G 40.0	6192	6508	6192	5944	5737	5526	5328	5159	5027	4963
G 45.0	5640	5983	5640	5376	5167	4970	4785	4622	4495	4437
G 50.0	4694	5004	4694	4476	4238	3876	3718	3698	3652	3599
G 55.0	4014	4058	4014	3565	2847	2349	2297	2598	2935	3022
G 60.0	3148	3344	3148	2650	2089	1937	1830	1760	2069	2274
G 65.0	2408	2569	2408	1975	1559	1590	1495	1310	1540	1696
G 70.0	1918	2041	1918	1695	1422	1240	1173	1218	1336	1355
G 75.0	1557	1836	1557	1336	1147	1002	953	981	1015	1026
G 80.0	1259	1450	1259	1089	961	921	869	806	799	795
G 85.0	909	1051	909	841	758	624	591	634	613	564
G 90.0	391	599	391	311	262	222	199	184	182	181