

**Luminaire**

Code 90841L120

Name BLED L12W30 LIGHT+ 840 HO

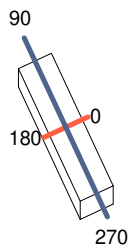
**Measurem.**

Code 16/8/2023

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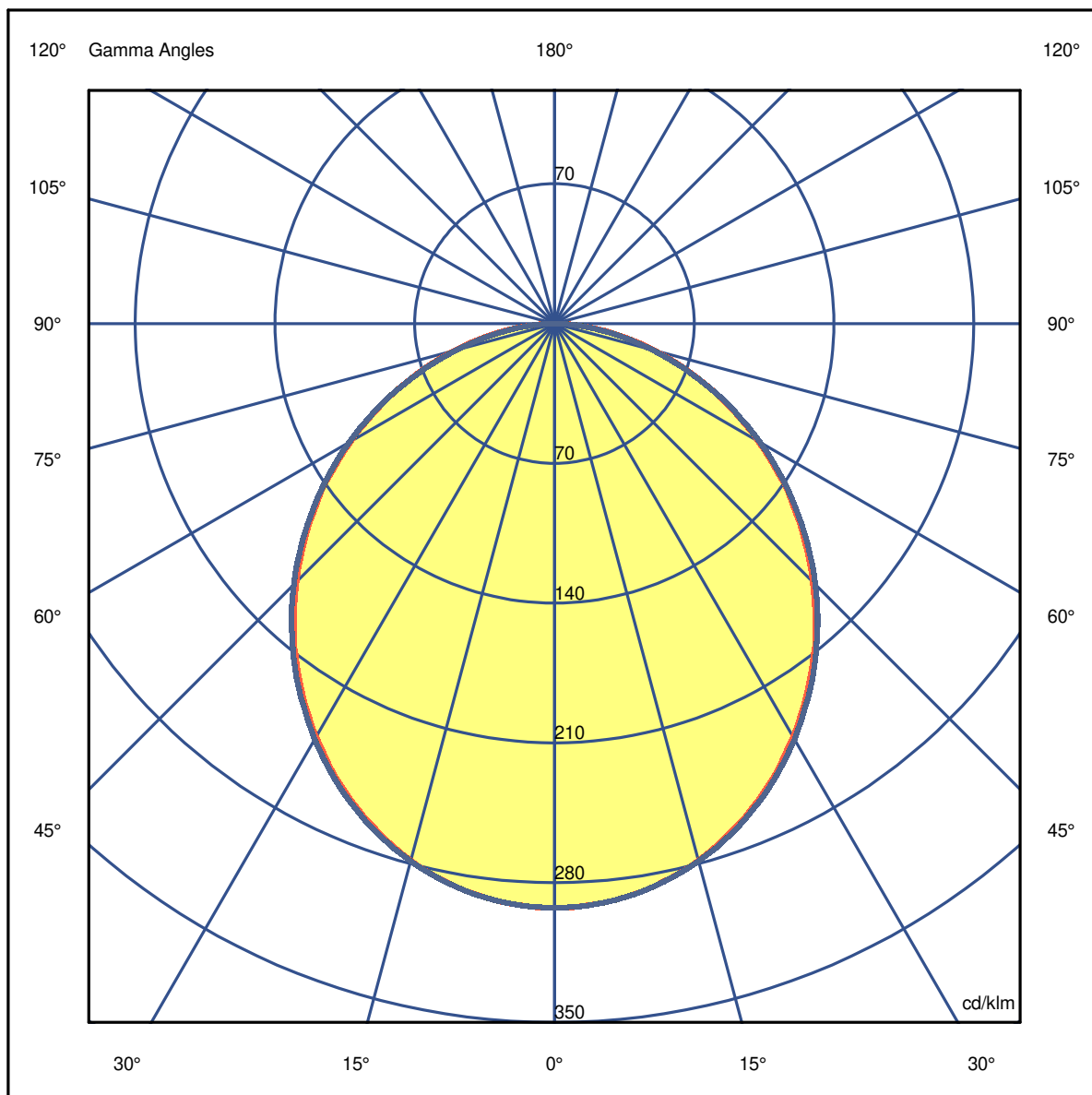
Luminaire Flux	6113 lm	Luminaire Power	44.0 W	Efficacy	139.082 lm/W	Efficiency	79.59%
Source Flux	7680 lm	Maximum value	292.60 cd/klm	Position	C=30.00 G=1.00	CG	Double Symmetrical

1195mm x 295mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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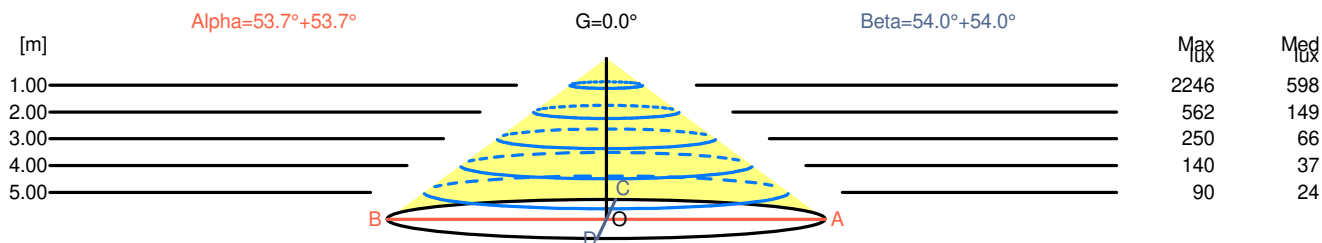
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Width at 50.00 % of Max Intensity

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	1.36	2.72	4.09	5.45	6.81	OC	1.37	2.75	4.12	5.50	6.87
OB	1.36	2.72	4.09	5.45	6.81	OD	1.37	2.75	4.12	5.50	6.87

	0	5	15	25	35	45	55	65	75	85
OA	2246.40	2234.88	2137.34	1953.02	1701.89	1403.90	1082.11	732.67	397.82	114.43
OB	2246.40	2234.88	2137.34	1953.02	1701.89	1403.90	1082.11	732.67	397.82	114.43
OC	2246.40	2234.11	2139.65	1962.24	1714.94	1417.73	1087.49	734.98	387.84	103.68
OD	2246.40	2234.11	2139.65	1962.24	1714.94	1417.73	1087.49	734.98	387.84	103.68



H[m]	D[m]	Max lux	Med lux	Alpha=53.7°+53.7°	G=0.0	
1.00	2.72	2246	598			
2.00	5.45	562	149			
3.00	8.17	250	66			
4.00	10.89	140	37			
5.00	13.62	90	24			

H[m]	D[m]	Max lux	Med lux	Beta=54.0°+54.0°	G=0.0	
1.00	2.75	2246	598			
2.00	5.50	562	149			
3.00	8.25	250	66			
4.00	11.00	140	37			
5.00	13.75	90	24			

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Luminaire Flux	6113 lm	Luminaire Power	44.0 W	Efficacy	139.082 lm/W	Efficiency	79.59%
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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	17.6	18.9	17.9	19.1	19.4	18.3	19.6	18.6	19.9	20.1
x=2H y=3H	18.8	20.0	19.1	20.2	20.5	19.7	20.9	20.0	21.2	21.5
x=2H y=4H	19.2	20.4	19.6	20.7	20.9	20.3	21.4	20.6	21.7	22.0
x=2H y=6H	19.5	20.5	19.9	20.8	21.2	20.6	21.7	21.0	22.0	22.3
x=2H y=8H	19.6	20.6	19.9	20.9	21.2	20.7	21.7	21.1	22.1	22.4
x=2H y=12H	19.6	20.6	20.0	20.9	21.2	20.8	21.7	21.2	22.1	22.4
x=4H y=2H	18.2	19.3	18.5	19.6	19.9	18.8	19.9	19.1	20.2	20.5
x=4H y=3H	19.6	20.5	20.0	20.9	21.2	20.4	21.3	20.7	21.6	22.0
x=4H y=4H	20.1	21.0	20.5	21.3	21.7	21.0	21.9	21.4	22.2	22.6
x=4H y=6H	20.5	21.2	20.9	21.6	22.0	21.5	22.2	21.9	22.6	23.0
x=4H y=8H	20.6	21.3	21.0	21.7	22.1	21.6	22.3	22.0	22.7	23.1
x=4H y=12H	20.7	21.3	21.1	21.7	22.1	21.7	22.3	22.1	22.7	23.2
x=8H y=4H	20.4	21.0	20.8	21.4	21.8	21.2	21.8	21.6	22.2	22.6
x=8H y=6H	20.8	21.4	21.3	21.8	22.3	21.7	22.3	22.2	22.7	23.2
x=8H y=8H	21.0	21.5	21.5	21.9	22.4	21.9	22.4	22.4	22.9	23.3
x=8H y=12H	21.1	21.5	21.6	22.0	22.5	22.0	22.5	22.5	22.9	23.4
x=12H y=4H	20.4	21.0	20.8	21.4	21.8	21.2	21.8	21.6	22.2	22.6
x=12H y=6H	20.9	21.4	21.3	21.8	22.3	21.7	22.2	22.2	22.7	23.1
x=12H y=8H	21.0	21.5	21.5	21.9	22.4	21.9	22.4	22.4	22.8	23.3

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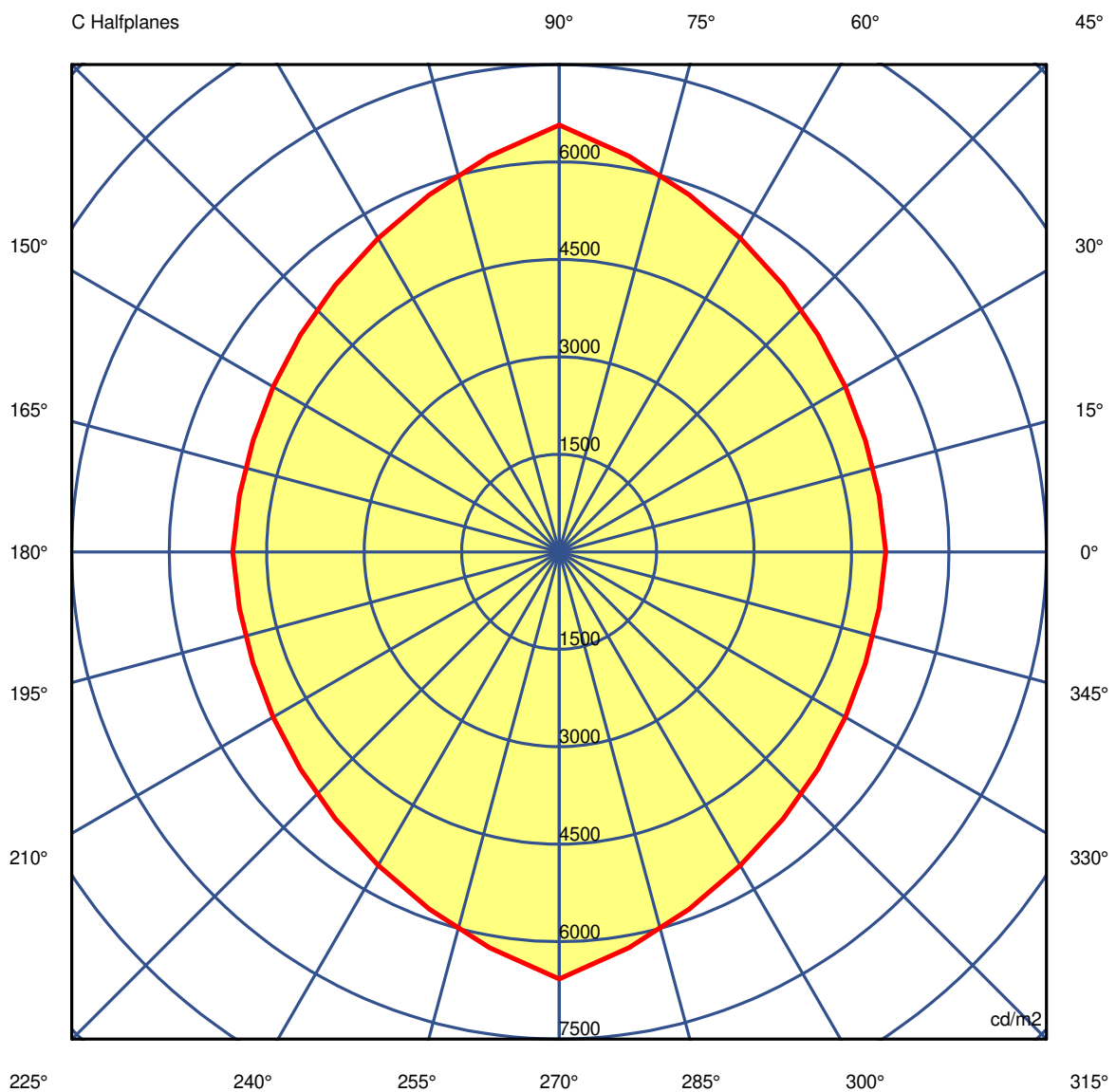
**Measurem.**

Code 16/8/2023

Name BLED L12W30 LIGHT+ 840 HO

Luminaire Flux	6113 lm	Luminaire Power	44.0 W	Efficacy	139.082 lm/W	Efficiency	79.59%
Source Flux	7680 lm	Maximum value	292.60 cd/klm	Position	C=30.00 G=1.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	6113 lm		Luminaire Power		44.0 W		Efficacy		139.082 lm/W		Efficiency		79.59%	
Source Flux	7680 lm		Maximum value		292.60 cd/klm		Position		C=30.00 G=1.00		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	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	
G 5.0	7721	7713	7716	7729	7748	7771	7801	7843	7889	7934	7889	7843	7801	
G 10.0	7422	7409	7413	7436	7473	7521	7582	7661	7747	7836	7747	7661	7582	
G 15.0	7110	7095	7103	7134	7184	7254	7343	7455	7581	7716	7581	7455	7343	
G 20.0	6783	6767	6779	6819	6883	6972	7087	7233	7398	7576	7398	7233	7087	
G 25.0	6453	6431	6443	6492	6569	6676	6817	6990	7191	7416	7191	6990	6817	
G 30.0	6112	6088	6103	6159	6246	6369	6532	6734	6970	7238	6970	6734	6532	
G 35.0	5760	5734	5753	5813	5908	6047	6232	6459	6724	7033	6724	6459	6232	
G 40.0	5401	5392	5404	5450	5558	5714	5911	6162	6462	6809	6462	6162	5911	
G 45.0	5026	4997	5017	5085	5201	5361	5573	5849	6183	6573	6183	5849	5573	
G 50.0	4642	4603	4621	4695	4816	4986	5213	5506	5867	6307	5867	5506	5213	
G 55.0	4249	4198	4199	4261	4394	4581	4819	5130	5522	6009	5522	5130	4819	
G 60.0	3782	3748	3762	3828	3949	4129	4375	4698	5115	5650	5115	4698	4375	
G 65.0	3295	3256	3280	3355	3460	3626	3875	4202	4639	5222	4639	4202	3875	
G 70.0	2762	2725	2734	2790	2898	3064	3300	3616	4061	4687	4061	3616	3300	
G 75.0	2171	2135	2150	2207	2290	2435	2655	2947	3374	4029	3374	2947	2655	
G 80.0	1527	1504	1510	1542	1609	1717	1884	2144	2543	3184	2543	2144	1884	
G 85.0	826	811	817	839	880	950	1063	1238	1539	2122	1539	1238	1063	
G 90.0	148	144	151	172	196	230	284	363	493	815	493	363	284	

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Source Flux	7680 lm		Maximum value		292.60 cd/klm		Position		C=30.00 G=1.00		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	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	
G 5.0	7771	7748	7729	7716	7713	7721	7713	7716	7729	7748	7771	7801	7843	
G 10.0	7521	7473	7436	7413	7409	7422	7409	7413	7436	7473	7521	7582	7661	
G 15.0	7254	7184	7134	7103	7095	7110	7095	7103	7134	7184	7254	7343	7455	
G 20.0	6972	6883	6819	6779	6767	6783	6767	6779	6819	6883	6972	7087	7233	
G 25.0	6676	6569	6492	6443	6431	6453	6431	6443	6492	6569	6676	6817	6990	
G 30.0	6369	6246	6159	6103	6088	6112	6088	6103	6159	6246	6369	6532	6734	
G 35.0	6047	5908	5813	5753	5734	5760	5734	5753	5813	5908	6047	6232	6459	
G 40.0	5714	5558	5450	5404	5392	5401	5392	5404	5450	5558	5714	5911	6162	
G 45.0	5361	5201	5085	5017	4997	5026	4997	5017	5085	5201	5361	5573	5849	
G 50.0	4986	4816	4695	4621	4603	4642	4603	4621	4695	4816	4986	5213	5506	
G 55.0	4581	4394	4261	4199	4198	4249	4198	4199	4261	4394	4581	4819	5130	
G 60.0	4129	3949	3828	3762	3748	3782	3748	3762	3828	3949	4129	4375	4698	
G 65.0	3626	3460	3355	3280	3256	3295	3256	3280	3355	3460	3626	3875	4202	
G 70.0	3064	2898	2790	2734	2725	2762	2725	2734	2790	2898	3064	3300	3616	
G 75.0	2435	2290	2207	2150	2135	2171	2135	2150	2207	2290	2435	2655	2947	
G 80.0	1717	1609	1542	1510	1504	1527	1504	1510	1542	1609	1717	1884	2144	
G 85.0	950	880	839	817	811	826	811	817	839	880	950	1063	1238	
G 90.0	230	196	172	151	144	148	144	151	172	196	230	284	363	

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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	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008
G 5.0	7889	7934	7889	7843	7801	7771	7748	7729	7716	7713
G 10.0	7747	7836	7747	7661	7582	7521	7473	7436	7413	7409
G 15.0	7581	7716	7581	7455	7343	7254	7184	7134	7103	7095
G 20.0	7398	7576	7398	7233	7087	6972	6883	6819	6779	6767
G 25.0	7191	7416	7191	6990	6817	6676	6569	6492	6443	6431
G 30.0	6970	7238	6970	6734	6532	6369	6246	6159	6103	6088
G 35.0	6724	7033	6724	6459	6232	6047	5908	5813	5753	5734
G 40.0	6462	6809	6462	6162	5911	5714	5558	5450	5404	5392
G 45.0	6183	6573	6183	5849	5573	5361	5201	5085	5017	4997
G 50.0	5867	6307	5867	5506	5213	4986	4816	4695	4621	4603
G 55.0	5522	6009	5522	5130	4819	4581	4394	4261	4199	4198
G 60.0	5115	5650	5115	4698	4375	4129	3949	3828	3762	3748
G 65.0	4639	5222	4639	4202	3875	3626	3460	3355	3280	3256
G 70.0	4061	4687	4061	3616	3300	3064	2898	2790	2734	2725
G 75.0	3374	4029	3374	2947	2655	2435	2290	2207	2150	2135
G 80.0	2543	3184	2543	2144	1884	1717	1609	1542	1510	1504
G 85.0	1539	2122	1539	1238	1063	950	880	839	817	811
G 90.0	493	815	493	363	284	230	196	172	151	144