

Luminaire

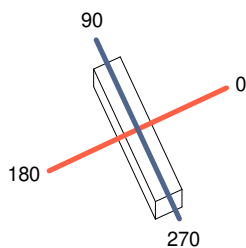
Code 90806L153
Name LNE IP L15W30 LIGHT+ 840

Measurem.

Code 12/7/2023
Name LNE IP L15W30 LIGHT+ 840

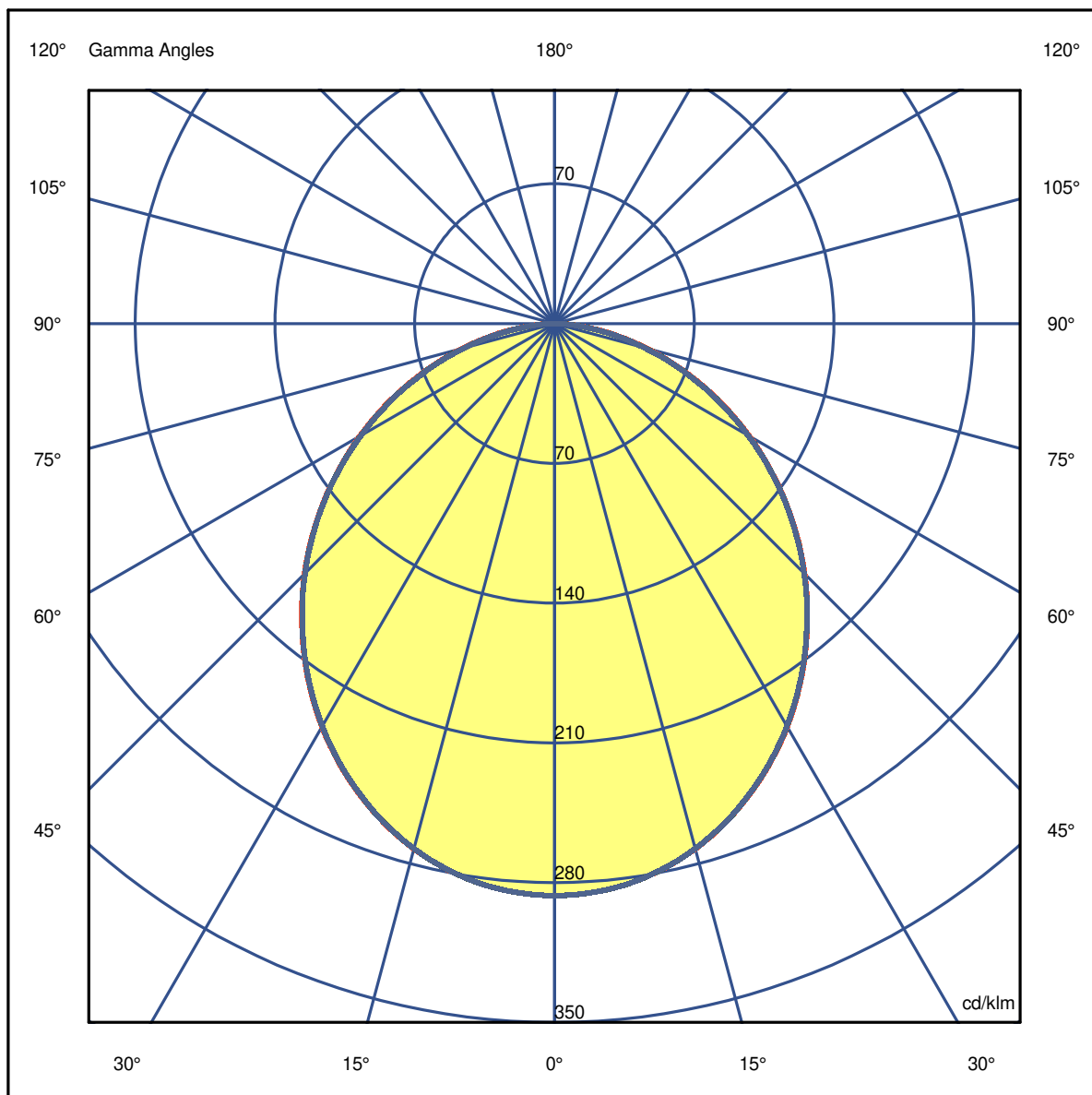
Luminaire Flux	5759 lm	Luminaire Power	42.2 W	Efficacy	136.561 lm/W	Efficiency	76.33%
Source Flux	7545 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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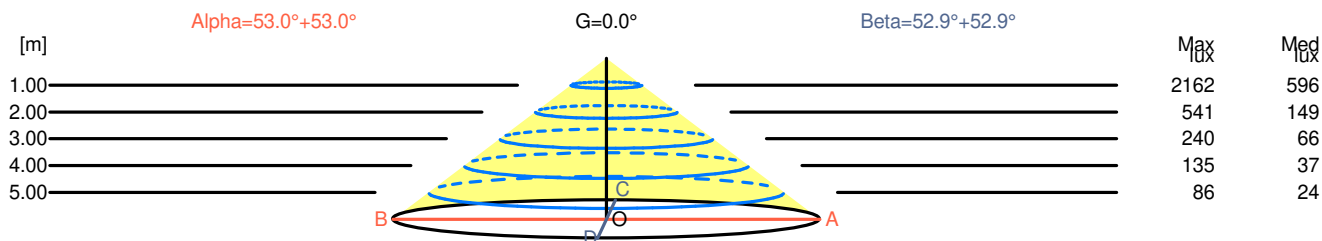
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Width at 50.00 % of Max Intensity

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	1.33	2.65	3.98	5.31	6.63	OC	1.32	2.65	3.97	5.29	6.61
OB	1.33	2.65	3.98	5.31	6.63	OD	1.32	2.65	3.97	5.29	6.61

	0	5	15	25	35	45	55	65	75	85
OA	2162.40	2149.57	2054.50	1873.42	1627.46	1336.22	1014.80	682.82	360.65	87.52
OB	2162.40	2149.57	2054.50	1873.42	1627.46	1336.22	1014.80	682.82	360.65	87.52
OC	2162.40	2149.57	2053.75	1871.91	1625.19	1333.96	1011.78	676.79	352.35	80.73
OD	2162.40	2149.57	2053.75	1871.91	1625.19	1333.96	1011.78	676.79	352.35	80.73



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0	
1.00	2.65	2162	596			
2.00	5.31	541	149			
3.00	7.96	240	66			
4.00	10.61	135	37			
5.00	13.26	86	24			

H[m]	D[m]	Max lux	Med lux	Beta=52.9°+52.9°	G=0.0	
1.00	2.65	2162	596			
2.00	5.29	541	149			
3.00	7.94	240	66			
4.00	10.58	135	37			
5.00	13.23	86	24			

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Source Flux	7545 lm	Maximum value	286.60 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.4	17.7	16.7	17.9	18.1	17.2	18.5	17.5	18.7	18.9
x=2H y=3H	17.5	18.7	17.8	19.0	19.2	18.6	19.7	18.9	20.0	20.3
x=2H y=4H	17.9	19.0	18.3	19.3	19.6	19.1	20.2	19.4	20.5	20.8
x=2H y=6H	18.2	19.2	18.5	19.5	19.8	19.4	20.5	19.8	20.8	21.1
x=2H y=8H	18.2	19.2	18.6	19.5	19.8	19.5	20.5	19.9	20.8	21.1
x=2H y=12H	18.2	19.2	18.6	19.5	19.8	19.5	20.5	19.9	20.8	21.1
x=4H y=2H	17.0	18.1	17.3	18.4	18.7	17.6	18.7	18.0	19.0	19.3
x=4H y=3H	18.3	19.3	18.7	19.6	19.9	19.2	20.1	19.5	20.4	20.8
x=4H y=4H	18.8	19.6	19.2	20.0	20.3	19.8	20.6	20.2	21.0	21.3
x=4H y=6H	19.1	19.8	19.5	20.2	20.6	20.2	20.9	20.6	21.3	21.7
x=4H y=8H	19.2	19.9	19.6	20.3	20.7	20.3	21.0	20.8	21.4	21.8
x=4H y=12H	19.2	19.8	19.7	20.2	20.7	20.4	21.0	20.9	21.4	21.8
x=8H y=4H	19.0	19.7	19.4	20.1	20.5	19.9	20.6	20.4	21.0	21.4
x=8H y=6H	19.4	20.0	19.9	20.4	20.9	20.4	21.0	20.9	21.4	21.9
x=8H y=8H	19.5	20.0	20.0	20.5	20.9	20.6	21.1	21.1	21.5	22.0
x=8H y=12H	19.6	20.0	20.1	20.5	21.0	20.7	21.1	21.2	21.6	22.1
x=12H y=4H	19.0	19.6	19.5	20.0	20.5	19.9	20.5	20.4	20.9	21.4
x=12H y=6H	19.4	19.9	19.9	20.4	20.8	20.4	20.9	20.9	21.4	21.8
x=12H y=8H	19.6	20.0	20.1	20.5	21.0	20.6	21.0	21.1	21.5	22.0

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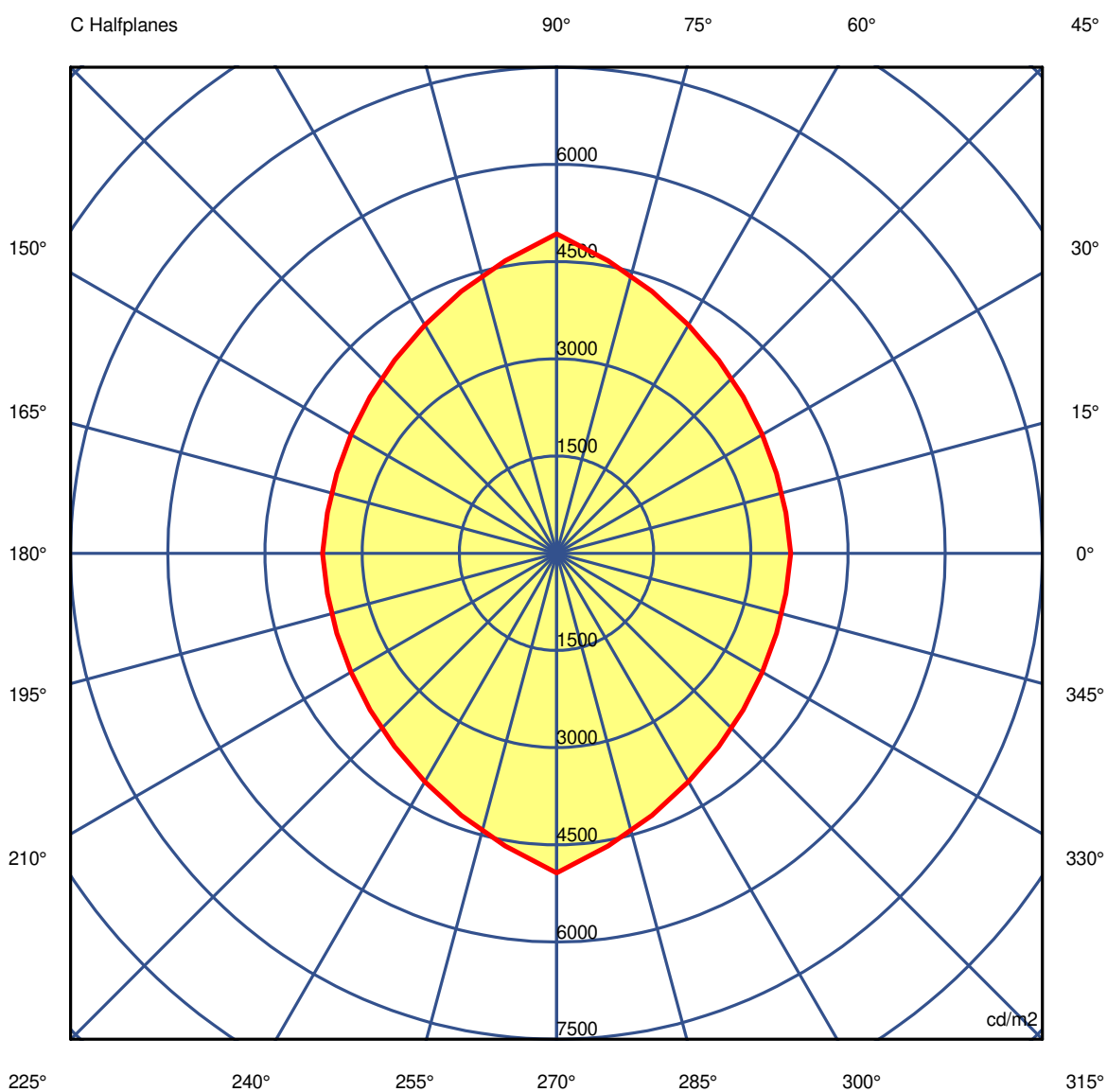
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Name LNE IP L15W30 LIGHT+ 840

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Luminaire Flux	5759 lm	Luminaire Power	42.2 W	Efficacy	136.561 lm/W	Efficiency	76.33%
Source Flux	7545 lm	Maximum value	286.60 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	5759 lm	Luminaire Power	42.2 W	Efficacy	136.561 lm/W	Efficiency	76.33%						
Source Flux	7545 lm	Maximum value	286.60 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	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108
G 5.0	5851	5849	5853	5864	5882	5906	5937	5971	6009	6052	6009	5971	5937
G 10.0	5591	5585	5593	5614	5646	5691	5748	5816	5893	5976	5893	5816	5748
G 15.0	5326	5316	5326	5354	5401	5465	5547	5644	5755	5878	5755	5644	5547
G 20.0	5053	5044	5056	5090	5148	5229	5331	5454	5597	5759	5597	5454	5331
G 25.0	4775	4761	4776	4819	4887	4982	5106	5252	5424	5622	5424	5252	5106
G 30.0	4497	4480	4495	4541	4616	4724	4866	5033	5234	5473	5234	5033	4866
G 35.0	4206	4191	4208	4258	4340	4458	4614	4804	5032	5303	5032	4804	4614
G 40.0	3911	3895	3913	3965	4054	4181	4348	4558	4815	5124	4815	4558	4348
G 45.0	3613	3595	3612	3667	3760	3894	4071	4301	4586	4930	4586	4301	4071
G 50.0	3301	3282	3301	3358	3451	3591	3783	4024	4330	4714	4330	4024	3783
G 55.0	2971	2954	2973	3029	3127	3270	3465	3718	4045	4466	4045	3718	3465
G 60.0	2624	2610	2628	2682	2778	2920	3118	3380	3726	4187	3726	3380	3118
G 65.0	2255	2235	2250	2302	2396	2535	2727	2996	3360	3854	3360	2996	2727
G 70.0	1849	1834	1850	1896	1983	2111	2292	2550	2918	3451	2918	2550	2292
G 75.0	1415	1402	1416	1455	1522	1633	1802	2040	2395	2953	2395	2040	1802
G 80.0	943	937	946	972	1023	1109	1240	1436	1752	2305	1752	1436	1240
G 85.0	439	434	437	446	472	518	594	716	927	1359	927	716	594
G 90.0	45	47	49	52	56	64	76	92	131	263	131	92	76

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Source Flux	7545 lm		Maximum value		286.60 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	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108	
G 5.0	5906	5882	5864	5853	5849	5851	5849	5853	5864	5882	5906	5937	5971	
G 10.0	5691	5646	5614	5593	5585	5591	5585	5593	5614	5646	5691	5748	5816	
G 15.0	5465	5401	5354	5326	5316	5326	5316	5326	5354	5401	5465	5547	5644	
G 20.0	5229	5148	5090	5056	5044	5053	5044	5056	5090	5148	5229	5331	5454	
G 25.0	4982	4887	4819	4776	4761	4775	4761	4776	4819	4887	4982	5106	5252	
G 30.0	4724	4616	4541	4495	4480	4497	4480	4495	4541	4616	4724	4866	5033	
G 35.0	4458	4340	4258	4208	4191	4206	4191	4208	4258	4340	4458	4614	4804	
G 40.0	4181	4054	3965	3913	3895	3911	3895	3913	3965	4054	4181	4348	4558	
G 45.0	3894	3760	3667	3612	3595	3613	3595	3612	3667	3760	3894	4071	4301	
G 50.0	3591	3451	3358	3301	3282	3301	3282	3301	3358	3451	3591	3783	4024	
G 55.0	3270	3127	3029	2973	2954	2971	2954	2973	3029	3127	3270	3465	3718	
G 60.0	2920	2778	2682	2628	2610	2624	2610	2628	2682	2778	2920	3118	3380	
G 65.0	2535	2396	2302	2250	2235	2255	2235	2250	2302	2396	2535	2727	2996	
G 70.0	2111	1983	1896	1850	1834	1849	1834	1850	1896	1983	2111	2292	2550	
G 75.0	1633	1522	1455	1416	1402	1415	1402	1416	1455	1522	1633	1802	2040	
G 80.0	1109	1023	972	946	937	943	937	946	972	1023	1109	1240	1436	
G 85.0	518	472	446	437	434	439	434	437	446	472	518	594	716	
G 90.0	64	56	52	49	47	45	47	49	52	56	64	76	92	

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Source Flux	7545 lm	Maximum value	286.60 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	6108	6108	6108	6108	6108	6108	6108	6108	6108	6108
G 5.0	6009	6052	6009	5971	5937	5906	5882	5864	5853	5849
G 10.0	5893	5976	5893	5816	5748	5691	5646	5614	5593	5585
G 15.0	5755	5878	5755	5644	5547	5465	5401	5354	5326	5316
G 20.0	5597	5759	5597	5454	5331	5229	5148	5090	5056	5044
G 25.0	5424	5622	5424	5252	5106	4982	4887	4819	4776	4761
G 30.0	5234	5473	5234	5033	4866	4724	4616	4541	4495	4480
G 35.0	5032	5303	5032	4804	4614	4458	4340	4258	4208	4191
G 40.0	4815	5124	4815	4558	4348	4181	4054	3965	3913	3895
G 45.0	4586	4930	4586	4301	4071	3894	3760	3667	3612	3595
G 50.0	4330	4714	4330	4024	3783	3591	3451	3358	3301	3282
G 55.0	4045	4466	4045	3718	3465	3270	3127	3029	2973	2954
G 60.0	3726	4187	3726	3380	3118	2920	2778	2682	2628	2610
G 65.0	3360	3854	3360	2996	2727	2535	2396	2302	2250	2235
G 70.0	2918	3451	2918	2550	2292	2111	1983	1896	1850	1834
G 75.0	2395	2953	2395	2040	1802	1633	1522	1455	1416	1402
G 80.0	1752	2305	1752	1436	1240	1109	1023	972	946	937
G 85.0	927	1359	927	716	594	518	472	446	437	434
G 90.0	131	263	131	92	76	64	56	52	49	47