

Luminaire

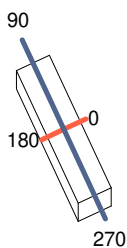
Code 90805L123
Name LNE IP L12W30 DAM 840

Measurem.

Code 13/7/2023
Name LNE IP L12W30 DAM 840

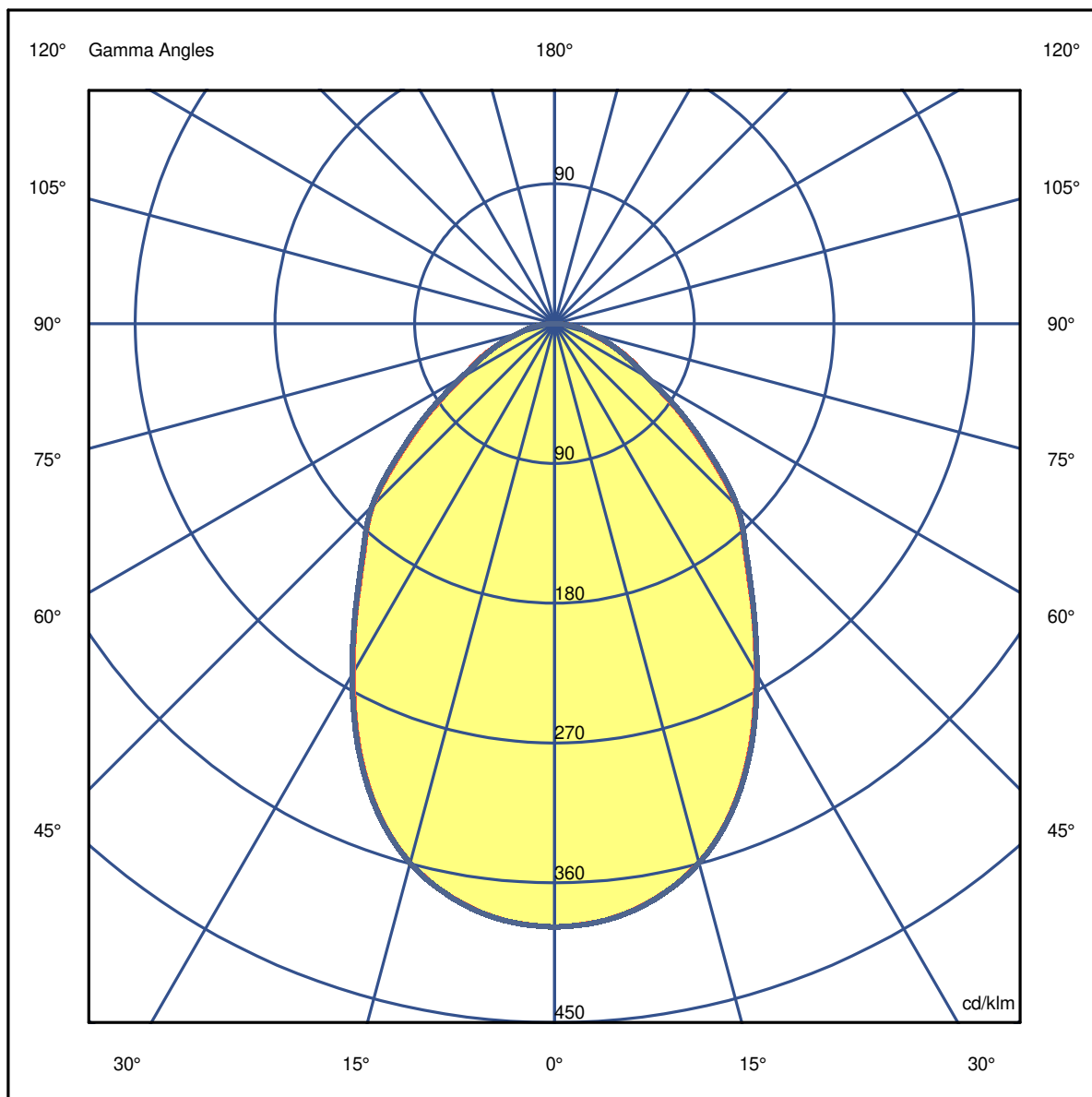
Luminaire Flux	4221 lm	Luminaire Power	33.6 W	Efficacy	125.687 lm/W	Efficiency	69.92%
Source Flux	6036 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1197mm x 297mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



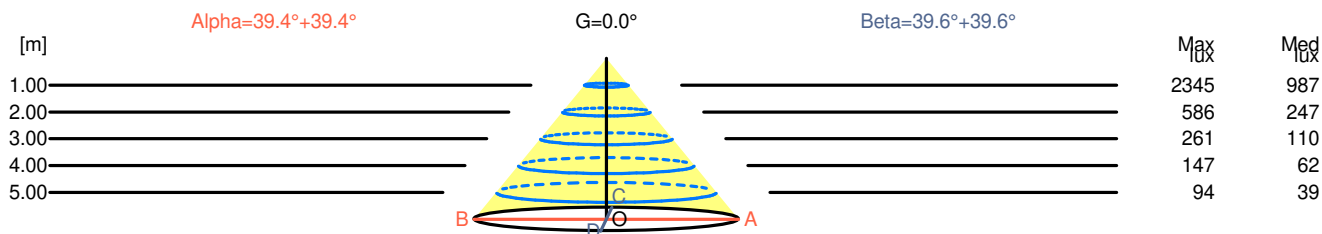
LuminaireCode 90805L123
Name LNE IP L12W30 DAM 840**Measurem.**Code 13/7/2023
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Luminaire Flux	4221 lm	Luminaire Power	33.6 W	Efficacy	125.687 lm/W	Efficiency	69.92%
Source Flux	6036 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.82	1.64	2.47	3.29	4.11	OC	0.83	1.65	2.48	3.31	4.14
OB	0.82	1.64	2.47	3.29	4.11	OD	0.83	1.65	2.48	3.31	4.14

	0	5	15	25	35	45	55	65	75	85
OA	2344.99	2325.67	2169.34	1804.76	1343.61	1001.37	584.28	319.30	144.86	45.27
OB	2344.99	2325.67	2169.34	1804.76	1343.61	1001.37	584.28	319.30	144.86	45.27
OC	2344.99	2326.27	2169.94	1810.20	1348.44	1004.99	593.94	309.65	144.26	44.06
OD	2344.99	2326.27	2169.94	1810.20	1348.44	1004.99	593.94	309.65	144.26	44.06



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0	
1.00	1.64	2345	987			
2.00	3.29	586	247			
3.00	4.93	261	110			
4.00	6.58	147	62			
5.00	8.22	94	39			

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0	
1.00	1.65	2345	987			
2.00	3.31	586	247			
3.00	4.96	261	110			
4.00	6.62	147	62			
5.00	8.27	94	39			

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Source Flux	6036 lm	Maximum value	388.50 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	14.5	15.6	14.8	15.8	16.0	15.2	16.3	15.5	16.6	16.8
x=2H y=3H	15.0	16.0	15.3	16.3	16.5	15.9	16.9	16.2	17.1	17.4
x=2H y=4H	15.2	16.2	15.5	16.4	16.7	16.2	17.1	16.5	17.4	17.7
x=2H y=6H	15.3	16.2	15.7	16.5	16.8	16.4	17.3	16.7	17.6	17.9
x=2H y=8H	15.4	16.2	15.7	16.5	16.8	16.5	17.3	16.8	17.6	17.9
x=2H y=12H	15.4	16.2	15.7	16.5	16.8	16.5	17.3	16.9	17.6	18.0
x=4H y=2H	14.7	15.6	15.0	15.9	16.2	15.3	16.3	15.6	16.5	16.8
x=4H y=3H	15.3	16.1	15.7	16.5	16.8	16.1	16.9	16.5	17.2	17.6
x=4H y=4H	15.6	16.3	16.0	16.6	17.0	16.5	17.2	16.9	17.5	17.9
x=4H y=6H	15.8	16.4	16.2	16.8	17.2	16.8	17.4	17.2	17.8	18.2
x=4H y=8H	15.9	16.4	16.3	16.8	17.2	16.9	17.5	17.3	17.9	18.3
x=4H y=12H	15.9	16.4	16.4	16.8	17.2	17.0	17.5	17.4	17.9	18.3
x=8H y=4H	15.6	16.2	16.1	16.6	17.0	16.5	17.0	16.9	17.4	17.8
x=8H y=6H	15.9	16.4	16.4	16.8	17.3	16.9	17.4	17.4	17.8	18.2
x=8H y=8H	16.1	16.5	16.5	16.9	17.4	17.1	17.5	17.6	17.9	18.4
x=8H y=12H	16.1	16.5	16.6	16.9	17.4	17.2	17.5	17.7	18.0	18.5
x=12H y=4H	15.6	16.1	16.1	16.6	17.0	16.5	17.0	16.9	17.4	17.8
x=12H y=6H	16.0	16.4	16.5	16.8	17.3	16.9	17.3	17.4	17.7	18.2
x=12H y=8H	16.1	16.4	16.6	16.9	17.4	17.1	17.4	17.6	17.9	18.4

Luminaire

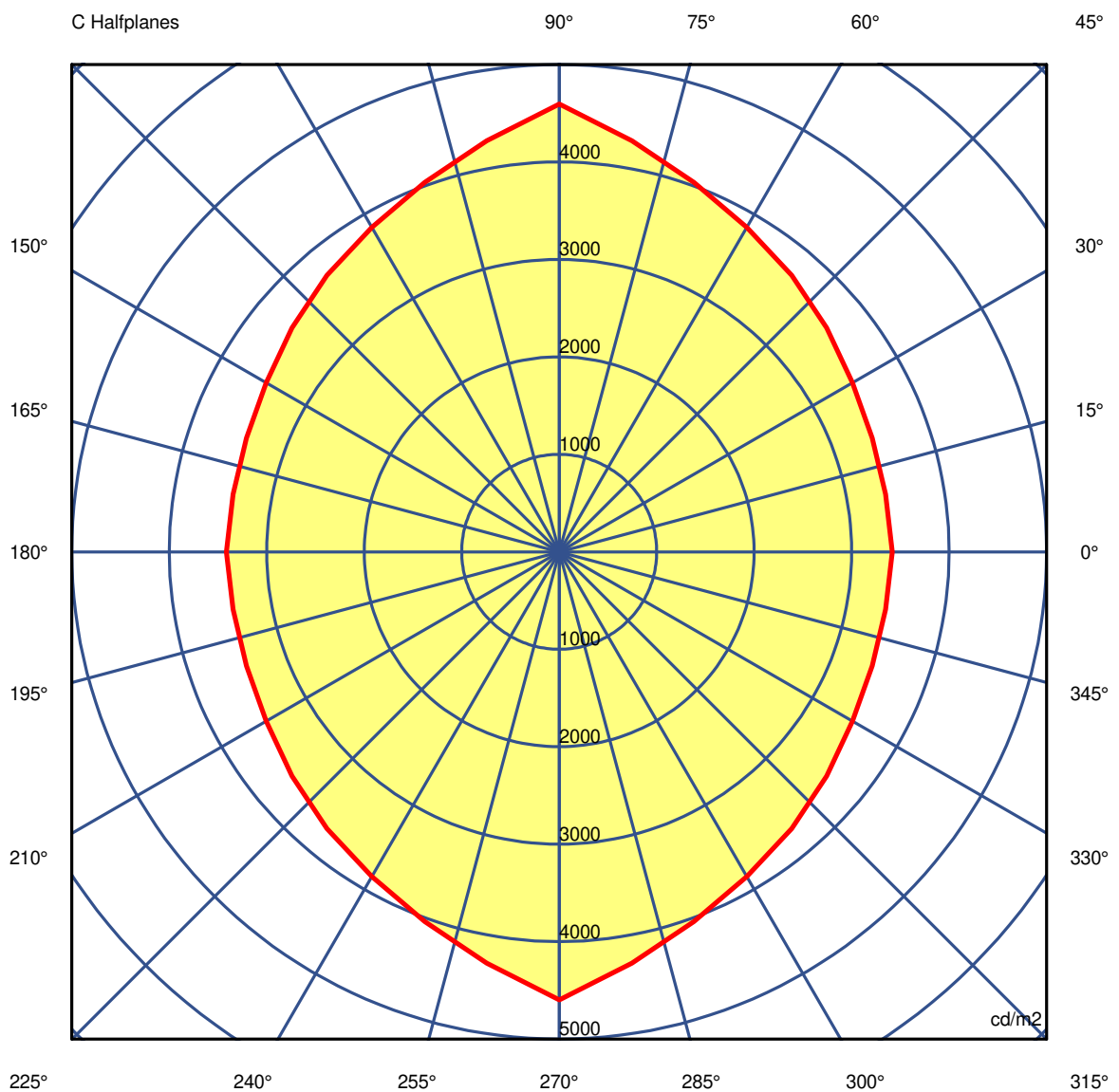
Code 90805L123
Name LNE IP L12W30 DAM 840

Measurem.

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Luminaire Flux	4221 lm	Luminaire Power	33.6 W	Efficacy	125.687 lm/W	Efficiency	69.92%
Source Flux	6036 lm	Maximum value	388.50 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	4221 lm		Luminaire Power		33.6 W		Efficacy		125.687 lm/W		Efficiency		69.92%	
Source Flux	6036 lm		Maximum value		388.50 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	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359	
G 5.0	7988	7983	7987	7999	8020	8051	8093	8140	8193	8250	8193	8140	8093	
G 10.0	7571	7560	7565	7589	7630	7689	7765	7854	7955	8065	7955	7854	7765	
G 15.0	7098	7076	7080	7110	7168	7248	7350	7480	7631	7795	7631	7480	7350	
G 20.0	6511	6486	6486	6514	6581	6681	6813	6980	7168	7376	7168	6980	6813	
G 25.0	5806	5775	5782	5825	5893	6002	6153	6335	6550	6796	6550	6335	6153	
G 30.0	5058	5037	5054	5107	5194	5312	5460	5641	5858	6114	5858	5641	5460	
G 35.0	4382	4370	4396	4461	4562	4683	4823	4994	5210	5476	5210	4994	4823	
G 40.0	3832	3823	3858	3933	4033	4151	4291	4468	4692	4967	4692	4468	4291	
G 45.0	3417	3400	3415	3472	3580	3706	3847	4036	4285	4597	4285	4036	3847	
G 50.0	2748	2695	2686	2732	2834	2947	3073	3269	3548	3912	3548	3269	3073	
G 55.0	2159	2000	1938	1919	1844	1906	2147	2408	2745	3221	2745	2408	2147	
G 60.0	1618	1472	1387	1350	1325	1399	1579	1781	2080	2541	2080	1781	1579	
G 65.0	1331	1196	1114	1084	1084	1141	1262	1432	1708	2142	1708	1432	1262	
G 70.0	1009	875	785	774	853	897	918	1091	1404	1842	1404	1091	918	
G 75.0	717	655	629	632	641	678	763	904	1116	1438	1116	904	763	
G 80.0	535	516	497	498	553	609	655	759	938	1232	938	759	655	
G 85.0	287	280	276	286	324	356	380	455	582	831	582	455	380	
G 90.0	32	31	31	32	35	39	46	58	82	147	82	58	46	

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Source Flux	6036 lm	Maximum value	388.50 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	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359
G 5.0	8051	8020	7999	7987	7983	7988	7983	7987	7999	8020	8051	8093	8140
G 10.0	7689	7630	7589	7565	7560	7571	7560	7565	7589	7630	7689	7765	7854
G 15.0	7248	7168	7110	7080	7076	7098	7076	7080	7110	7168	7248	7350	7480
G 20.0	6681	6581	6514	6486	6486	6511	6486	6486	6514	6581	6681	6813	6980
G 25.0	6002	5893	5825	5782	5775	5806	5775	5782	5825	5893	6002	6153	6335
G 30.0	5312	5194	5107	5054	5037	5058	5037	5054	5107	5194	5312	5460	5641
G 35.0	4683	4562	4461	4396	4370	4382	4370	4396	4461	4562	4683	4823	4994
G 40.0	4151	4033	3933	3858	3823	3832	3823	3858	3933	4033	4151	4291	4468
G 45.0	3706	3580	3472	3415	3400	3417	3400	3415	3472	3580	3706	3847	4036
G 50.0	2947	2834	2732	2686	2695	2748	2695	2686	2732	2834	2947	3073	3269
G 55.0	1906	1844	1919	1938	2000	2159	2000	1938	1919	1844	1906	2147	2408
G 60.0	1399	1325	1350	1387	1472	1618	1472	1387	1350	1325	1399	1579	1781
G 65.0	1141	1084	1084	1114	1196	1331	1196	1114	1084	1084	1141	1262	1432
G 70.0	897	853	774	785	875	1009	875	785	774	853	897	918	1091
G 75.0	678	641	632	629	655	717	655	629	632	641	678	763	904
G 80.0	609	553	498	497	516	535	516	497	498	553	609	655	759
G 85.0	356	324	286	276	280	287	280	276	286	324	356	380	455
G 90.0	39	35	32	31	31	32	31	31	32	35	39	46	58

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Source Flux	6036 lm	Maximum value	388.50 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	8359	8359	8359	8359	8359	8359	8359	8359	8359	8359
G 5.0	8193	8250	8193	8140	8093	8051	8020	7999	7987	7983
G 10.0	7955	8065	7955	7854	7765	7689	7630	7589	7565	7560
G 15.0	7631	7795	7631	7480	7350	7248	7168	7110	7080	7076
G 20.0	7168	7376	7168	6980	6813	6681	6581	6514	6486	6486
G 25.0	6550	6796	6550	6335	6153	6002	5893	5825	5782	5775
G 30.0	5858	6114	5858	5641	5460	5312	5194	5107	5054	5037
G 35.0	5210	5476	5210	4994	4823	4683	4562	4461	4396	4370
G 40.0	4692	4967	4692	4468	4291	4151	4033	3933	3858	3823
G 45.0	4285	4597	4285	4036	3847	3706	3580	3472	3415	3400
G 50.0	3548	3912	3548	3269	3073	2947	2834	2732	2686	2695
G 55.0	2745	3221	2745	2408	2147	1906	1844	1919	1938	2000
G 60.0	2080	2541	2080	1781	1579	1399	1325	1350	1387	1472
G 65.0	1708	2142	1708	1432	1262	1141	1084	1084	1114	1196
G 70.0	1404	1842	1404	1091	918	897	853	774	785	875
G 75.0	1116	1438	1116	904	763	678	641	632	629	655
G 80.0	938	1232	938	759	655	609	553	498	497	516
G 85.0	582	831	582	455	380	356	324	286	276	280
G 90.0	82	147	82	58	46	39	35	32	31	31