

Luminaire

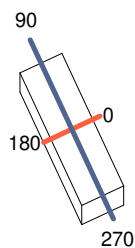
Code 90827L093
Name LNE L90W30 DAM K3 840

Measurem.

Code 13/7/2023
Name LNE L90W30 DAM K3 840

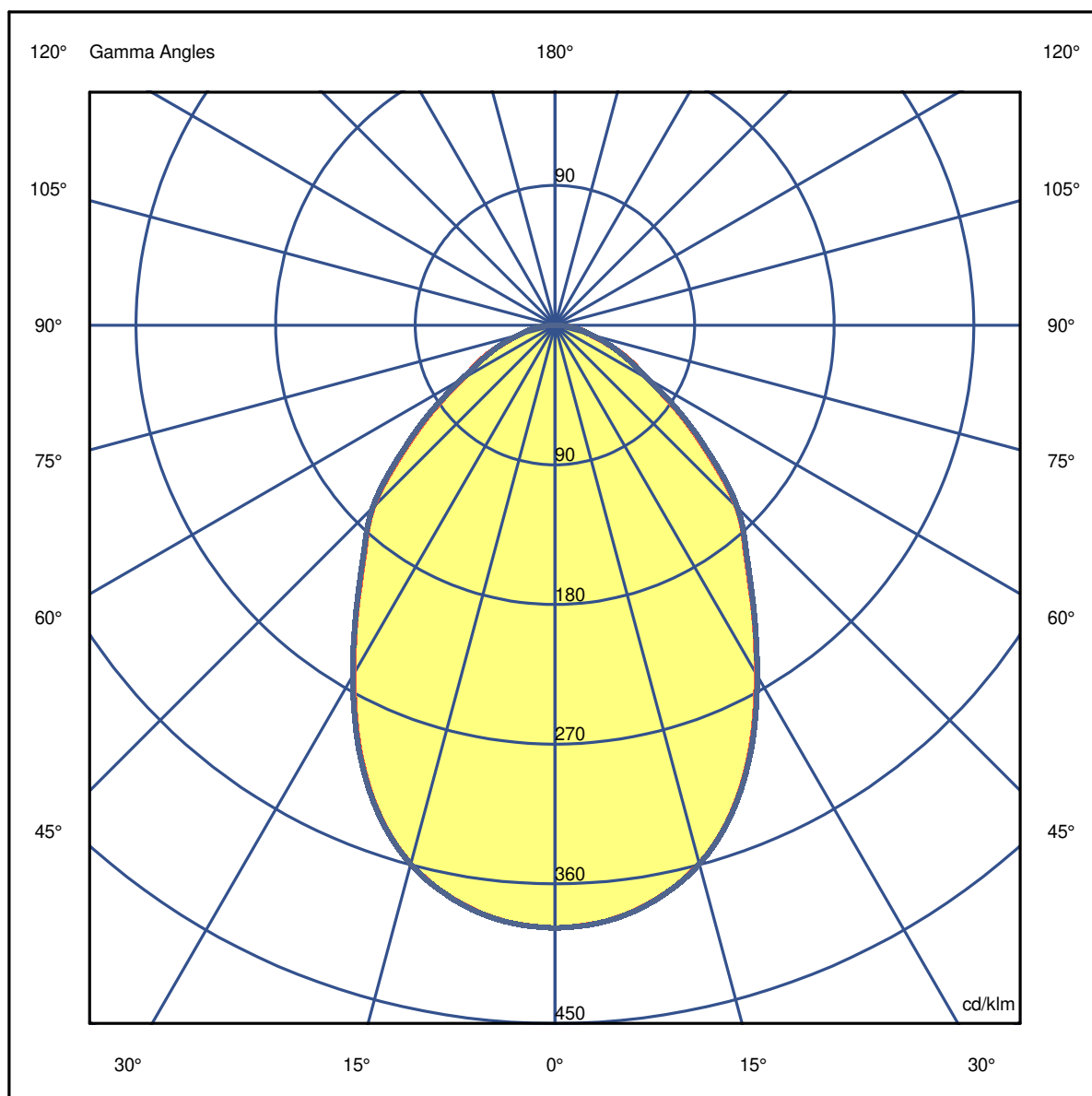
Luminaire Flux	3165 lm	Luminaire Power	25.6 W	Efficacy	123.601 lm/W	Efficiency	69.92%
Source Flux	4527 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

875mm x 275mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



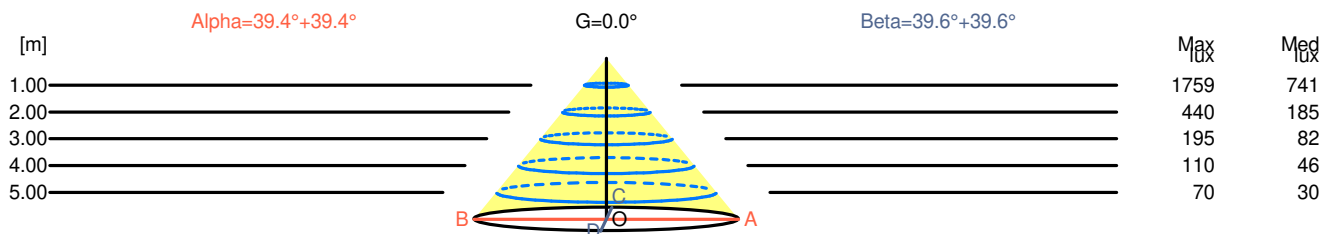
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Name LNE L90W30 DAM K3 840**Measurem.**Code 13/7/2023
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Luminaire Flux	3165 lm	Luminaire Power	25.6 W	Efficacy	123.601 lm/W	Efficiency	69.92%
Source Flux	4527 lm	Maximum value	388.50 cd/klm	Position	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	1758.74	1744.25	1627.00	1353.57	1007.71	751.03	438.21	239.48	108.65	33.95
OB	1758.74	1744.25	1627.00	1353.57	1007.71	751.03	438.21	239.48	108.65	33.95
OC	1758.74	1744.71	1627.46	1357.65	1011.33	753.75	445.46	232.24	108.20	33.05
OD	1758.74	1744.71	1627.46	1357.65	1011.33	753.75	445.46	232.24	108.20	33.05



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0
1.00	1.64	1759	741		
2.00	3.29	440	185		
3.00	4.93	195	82		
4.00	6.58	110	46		
5.00	8.22	70	30		

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0
1.00	1.65	1759	741		
2.00	3.31	440	185		
3.00	4.96	195	82		
4.00	6.62	110	46		
5.00	8.27	70	30		

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Source Flux	4527 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	15.2	16.3	15.4	16.5	16.7	15.8	16.9	16.1	17.2	17.4
x=2H y=3H	15.7	16.7	16.0	16.9	17.2	16.5	17.5	16.8	17.7	18.0
x=2H y=4H	15.9	16.8	16.2	17.1	17.4	16.7	17.7	17.1	18.0	18.2
x=2H y=6H	16.0	16.9	16.3	17.2	17.5	17.0	17.8	17.3	18.1	18.4
x=2H y=8H	16.0	16.9	16.4	17.2	17.5	17.0	17.9	17.4	18.2	18.5
x=2H y=12H	16.0	16.8	16.4	17.2	17.5	17.1	17.9	17.4	18.2	18.5
x=4H y=2H	15.3	16.3	15.6	16.5	16.8	15.9	16.9	16.3	17.1	17.4
x=4H y=3H	16.0	16.8	16.3	17.1	17.4	16.7	17.5	17.1	17.8	18.2
x=4H y=4H	16.2	16.9	16.6	17.3	17.6	17.1	17.7	17.4	18.1	18.5
x=4H y=6H	16.4	17.1	16.9	17.4	17.8	17.4	18.0	17.8	18.3	18.7
x=4H y=8H	16.5	17.1	16.9	17.5	17.9	17.5	18.0	17.9	18.4	18.8
x=4H y=12H	16.6	17.1	17.0	17.5	17.9	17.6	18.1	18.0	18.5	18.9
x=8H y=4H	16.3	16.8	16.7	17.2	17.6	17.1	17.6	17.5	18.0	18.4
x=8H y=6H	16.6	17.0	17.0	17.5	17.9	17.5	17.9	17.9	18.3	18.8
x=8H y=8H	16.7	17.1	17.2	17.5	18.0	17.6	18.0	18.1	18.5	19.0
x=8H y=12H	16.8	17.1	17.3	17.6	18.1	17.7	18.1	18.2	18.6	19.1
x=12H y=4H	16.3	16.8	16.7	17.2	17.6	17.1	17.6	17.5	18.0	18.4
x=12H y=6H	16.6	17.0	17.1	17.4	17.9	17.5	17.9	18.0	18.3	18.8
x=12H y=8H	16.7	17.1	17.2	17.6	18.1	17.7	18.0	18.1	18.5	19.0

Luminaire

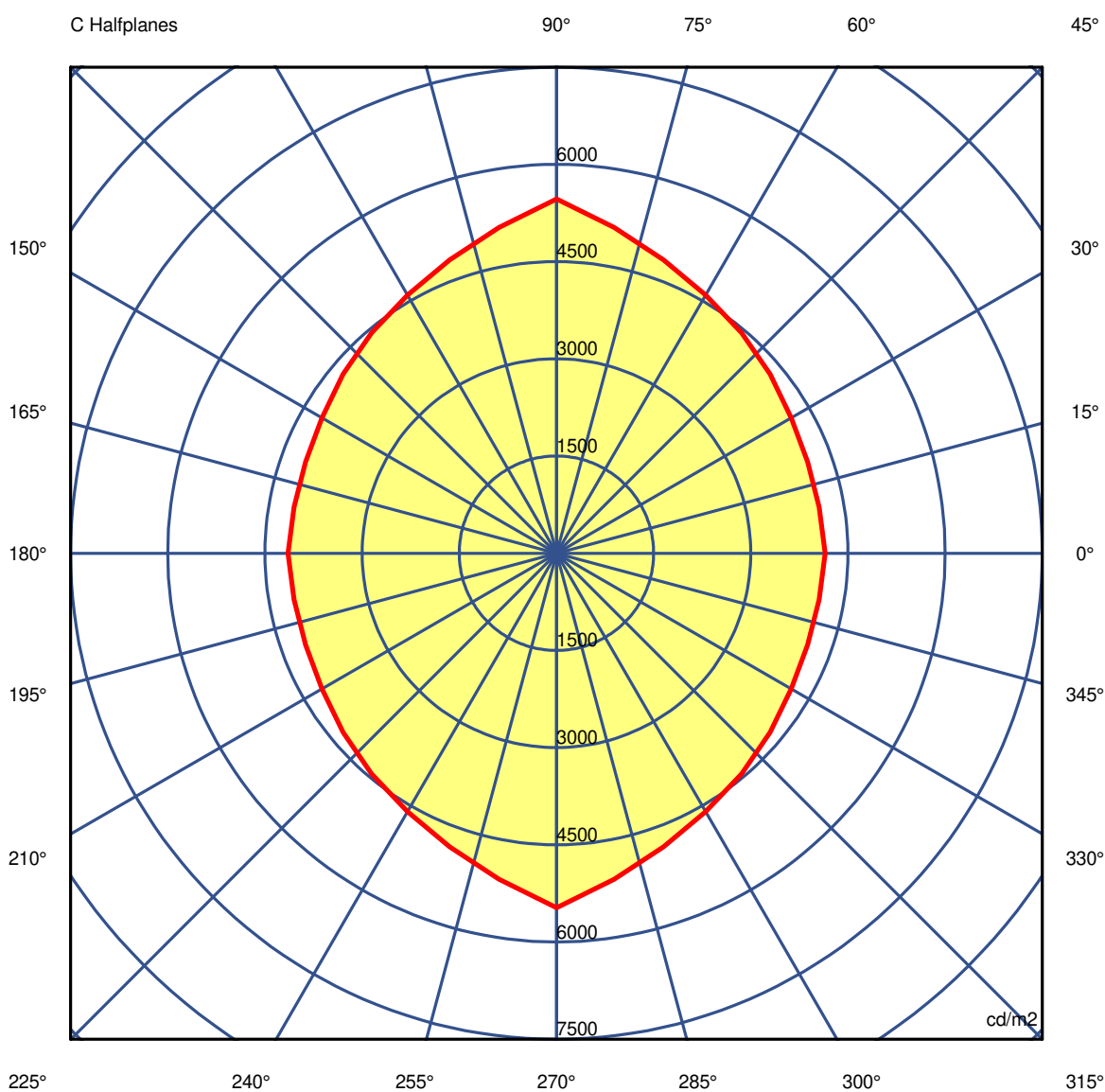
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Name LNE L90W30 DAM K3 840

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Luminaire Flux	3165 lm	Luminaire Power	25.6 W	Efficacy	123.601 lm/W	Efficiency	69.92%
Source Flux	4527 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	3165 lm	Luminaire Power		25.6 W		Efficacy		123.601 lm/W		Efficiency		69.92%	
Source Flux	4527 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	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156
G 5.0	9704	9694	9696	9708	9731	9766	9815	9870	9934	10004	9934	9870	9815
G 10.0	9197	9177	9178	9201	9246	9313	9401	9507	9627	9760	9627	9507	9401
G 15.0	8621	8586	8583	8612	8675	8766	8885	9038	9216	9413	9216	9038	8885
G 20.0	7908	7868	7858	7883	7955	8069	8222	8418	8641	8889	8641	8418	8222
G 25.0	7050	7002	7001	7042	7116	7238	7413	7626	7879	8172	7879	7626	7413
G 30.0	6141	6105	6114	6169	6265	6398	6568	6778	7033	7335	7033	6778	6568
G 35.0	5320	5295	5316	5384	5495	5632	5791	5989	6241	6554	6241	5989	5791
G 40.0	4652	4630	4662	4741	4852	4984	5142	5346	5606	5928	5606	5346	5142
G 45.0	4147	4116	4124	4181	4301	4443	4602	4818	5106	5469	5106	4818	4602
G 50.0	3335	3261	3241	3287	3400	3527	3668	3892	4215	4638	4215	3892	3668
G 55.0	2620	2420	2336	2306	2209	2276	2557	2859	3250	3803	3250	2859	2557
G 60.0	1963	1780	1671	1620	1585	1668	1876	2107	2453	2985	2453	2107	1876
G 65.0	1614	1445	1341	1299	1293	1356	1495	1688	2004	2501	2004	1688	1495
G 70.0	1225	1056	944	926	1015	1063	1082	1280	1637	2132	1637	1280	1082
G 75.0	870	790	755	755	762	801	896	1054	1290	1644	1290	1054	896
G 80.0	648	622	595	593	655	716	764	877	1071	1381	1071	877	764
G 85.0	348	337	330	339	381	416	440	519	651	900	651	519	440
G 90.0	38	37	37	38	41	45	53	65	89	146	89	65	53

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Luminaire Flux		3165 lm		Luminaire Power		25.6 W		Efficacy		123.601 lm/W		Efficiency		69.92%											
Source Flux		4527 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	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156
G 5.0	9766	9731	9708	9696	9694	9694	9704	9694	9696	9708	9731	9766	9815	9870	9925	9980	10035	10090	10145	10200	10255	10310	10365	10420	10475
G 10.0	9313	9246	9201	9178	9177	9177	9197	9177	9178	9201	9246	9313	9401	9507	9623	9749	9885	10031	10187	10353	10530	10717	10914	11121	11338
G 15.0	8766	8675	8612	8583	8586	8621	8586	8583	8612	8675	8766	8885	9038	9215	9407	9614	9837	10076	10331	10602	10889	11192	11511	11846	12197
G 20.0	8069	7955	7883	7858	7868	7908	7868	7858	7883	7955	8069	8222	8418	8637	8871	9121	9387	9669	9967	10281	10611	10957	11319	11697	12091
G 25.0	7238	7116	7042	7001	7002	7050	7002	7001	7042	7116	7238	7413	7626	7866	8133	8417	8718	9036	9371	9723	10092	10478	10881	11301	11738
G 30.0	6398	6265	6169	6114	6105	6141	6105	6114	6169	6265	6398	6568	6778	7019	7281	7554	7848	8163	8498	8854	9231	9629	10048	10488	10949
G 35.0	5632	5495	5384	5316	5295	5320	5295	5316	5384	5495	5632	5791	5989	6217	6465	6734	7024	7336	7669	8024	8401	8799	9218	9658	10119
G 40.0	4984	4852	4741	4662	4630	4652	4630	4662	4741	4852	4984	5142	5346	5585	5849	6138	6453	6794	7161	7554	7974	8420	8892	9390	9914
G 45.0	4443	4301	4181	4124	4116	4147	4116	4124	4181	4301	4443	4602	4818	5069	5345	5647	5975	6329	6710	7118	7554	8018	8509	9027	9572
G 50.0	3527	3400	3287	3241	3261	3335	3261	3241	3287	3400	3527	3668	3892	4145	4427	4738	5079	5450	5851	6283	6746	7240	7765	8321	8908
G 55.0	2276	2209	2306	2336	2420	2620	2420	2336	2306	2209	2276	2557	2859	3192	3556	3951	4377	4834	5322	5841	6391	6972	7584	8227	8902
G 60.0	1668	1585	1620	1671	1780	1963	1780	1671	1620	1585	1668	1876	2107	2371	2668	2998	3361	3757	4186	4648	5143	5672	6235	6832	7464
G 65.0	1356	1293	1299	1341	1445	1614	1445	1341	1299	1293	1356	1495	1688	1916	2179	2477	2810	3178	3581	4020	4495	5007	5555	6139	6760
G 70.0	1063	1015	926	944	1056	1225	1056	944	926	1015	1063	1082	1280	1503	1761	2054	2392	2774	3199	3658	4151	4679	5242	5840	6474
G 75.0	801	762	755	755	790	870	790	755	755	762	801	896	1054	1246	1482	1763	2089	2460	2876	3328	3817	4343	4907	5509	6149
G 80.0	716	655	593	595	622	648	622	595	593	655	716	764	877	1015	1198	1426	1699	2017	2380	2789	3244	3746	4295	4892	5537
G 85.0	416	381	339	330	337	348	337	330	339	381	416	440	519	601	696	805	929	1068	1232	1431	1665	1935	2241	2584	2965
G 90.0	45	41	38	37	37	38	37	37	38	41	45	53	65	79	95	114	137	164	195	230	269	313	361	413	469

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Source Flux	4527 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	10156	10156	10156	10156	10156	10156	10156	10156	10156	10156
G 5.0	9934	10004	9934	9870	9815	9766	9731	9708	9696	9694
G 10.0	9627	9760	9627	9507	9401	9313	9246	9201	9178	9177
G 15.0	9216	9413	9216	9038	8885	8766	8675	8612	8583	8586
G 20.0	8641	8889	8641	8418	8222	8069	7955	7883	7858	7868
G 25.0	7879	8172	7879	7626	7413	7238	7116	7042	7001	7002
G 30.0	7033	7335	7033	6778	6568	6398	6265	6169	6114	6105
G 35.0	6241	6554	6241	5989	5791	5632	5495	5384	5316	5295
G 40.0	5606	5928	5606	5346	5142	4984	4852	4741	4662	4630
G 45.0	5106	5469	5106	4818	4602	4443	4301	4181	4124	4116
G 50.0	4215	4638	4215	3892	3668	3527	3400	3287	3241	3261
G 55.0	3250	3803	3250	2859	2557	2276	2209	2306	2336	2420
G 60.0	2453	2985	2453	2107	1876	1668	1585	1620	1671	1780
G 65.0	2004	2501	2004	1688	1495	1356	1293	1299	1341	1445
G 70.0	1637	2132	1637	1280	1082	1063	1015	926	944	1056
G 75.0	1290	1644	1290	1054	896	801	762	755	755	790
G 80.0	1071	1381	1071	877	764	716	655	593	595	622
G 85.0	651	900	651	519	440	416	381	339	330	337
G 90.0	89	146	89	65	53	45	41	38	37	37