

**Luminaire**

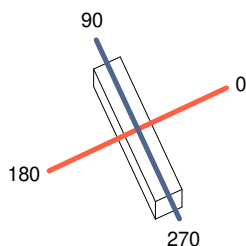
Code 90801L153  
Name THS L15W30 DAM K3 840 LO

**Measurem.**

Code 13/7/2023  
Name THS L15W30 DAM K3 840 LO

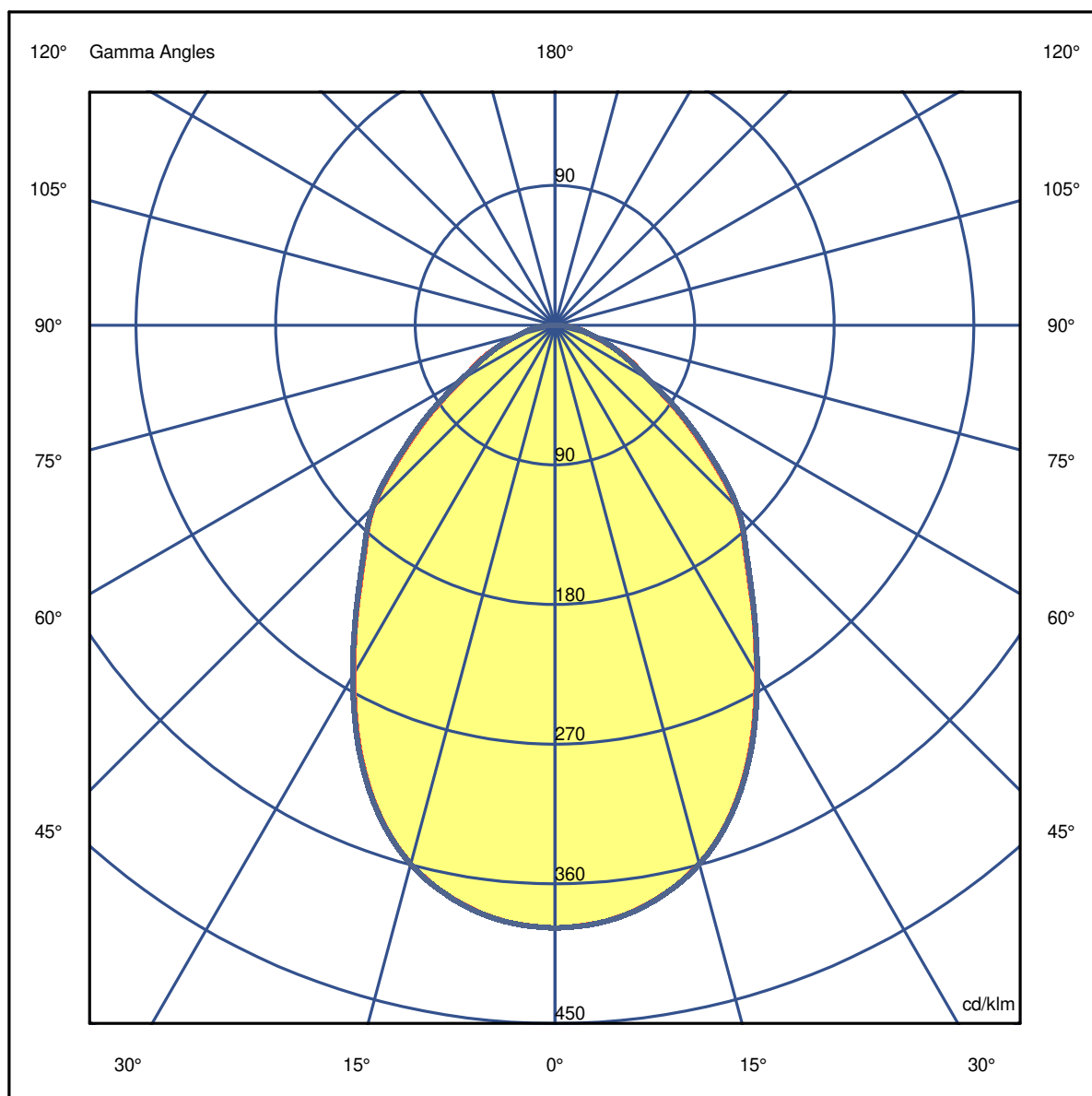
Luminaire Flux	5276 lm	Luminaire Power	42.2 W	Efficacy	125.106 lm/W	Efficiency	69.92%
Source Flux	7545 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



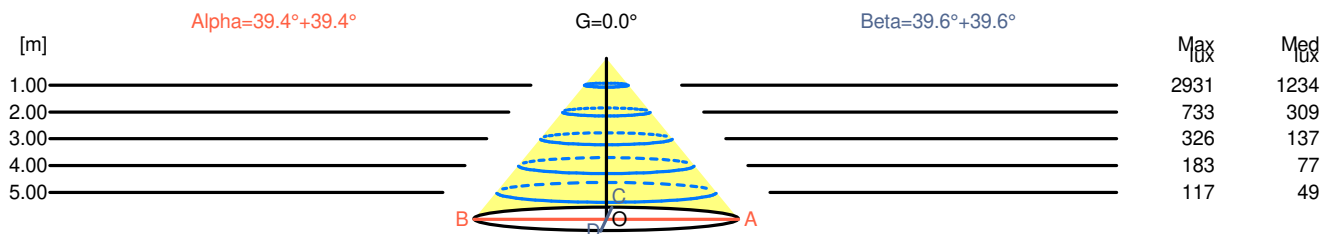
**Luminaire**Code 90801L153  
Name THS L15W30 DAM K3 840 LO**Measurem.**Code 13/7/2023  
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Luminaire Flux	5276 lm	Luminaire Power	42.2 W	Efficacy	125.106 lm/W	Efficiency	69.92%
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Width at 50.00 % of 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	0.82	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	2931.23	2907.09	2711.67	2255.95	1679.52	1251.72	730.36	399.13	181.08	56.59
OB	2931.23	2907.09	2711.67	2255.95	1679.52	1251.72	730.36	399.13	181.08	56.59
OC	2931.23	2907.84	2712.43	2262.75	1685.55	1256.24	742.43	387.06	180.33	55.08
OD	2931.23	2907.84	2712.43	2262.75	1685.55	1256.24	742.43	387.06	180.33	55.08



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0
1.00	1.64	2931	1234		
2.00	3.29	733	309		
3.00	4.93	326	137		
4.00	6.58	183	77		
5.00	8.22	117	49		

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0
1.00	1.65	2931	1234		
2.00	3.31	733	309		
3.00	4.96	326	137		
4.00	6.62	183	77		
5.00	8.27	117	49		

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Source Flux	7545 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	15.0	16.1	15.3	16.3	16.5	15.7	16.8	16.0	17.0	17.2
x=2H y=3H	15.5	16.5	15.8	16.7	17.0	16.4	17.4	16.7	17.6	17.9
x=2H y=4H	15.7	16.6	16.0	16.9	17.2	16.7	17.6	17.0	17.9	18.2
x=2H y=6H	15.8	16.7	16.2	17.0	17.3	16.9	17.8	17.2	18.1	18.4
x=2H y=8H	15.9	16.7	16.2	17.0	17.3	17.0	17.8	17.3	18.1	18.4
x=2H y=12H	15.9	16.7	16.2	17.0	17.3	17.0	17.8	17.4	18.2	18.5
x=4H y=2H	15.1	16.1	15.5	16.4	16.6	15.8	16.7	16.1	17.0	17.3
x=4H y=3H	15.8	16.6	16.2	16.9	17.3	16.6	17.4	17.0	17.7	18.1
x=4H y=4H	16.1	16.8	16.5	17.1	17.5	17.0	17.7	17.4	18.0	18.4
x=4H y=6H	16.3	16.9	16.7	17.3	17.7	17.3	17.9	17.7	18.3	18.7
x=4H y=8H	16.4	16.9	16.8	17.3	17.7	17.4	18.0	17.9	18.4	18.8
x=4H y=12H	16.4	16.9	16.9	17.3	17.7	17.5	18.0	18.0	18.4	18.9
x=8H y=4H	16.1	16.7	16.6	17.1	17.5	17.0	17.6	17.4	17.9	18.3
x=8H y=6H	16.5	16.9	16.9	17.3	17.8	17.4	17.9	17.9	18.3	18.7
x=8H y=8H	16.6	17.0	17.1	17.4	17.9	17.6	18.0	18.1	18.4	18.9
x=8H y=12H	16.6	17.0	17.1	17.5	18.0	17.7	18.1	18.2	18.6	19.1
x=12H y=4H	16.1	16.6	16.6	17.1	17.5	17.0	17.5	17.4	17.9	18.3
x=12H y=6H	16.5	16.9	17.0	17.3	17.8	17.4	17.8	17.9	18.3	18.8
x=12H y=8H	16.6	17.0	17.1	17.4	17.9	17.6	18.0	18.1	18.4	18.9

**Luminaire**

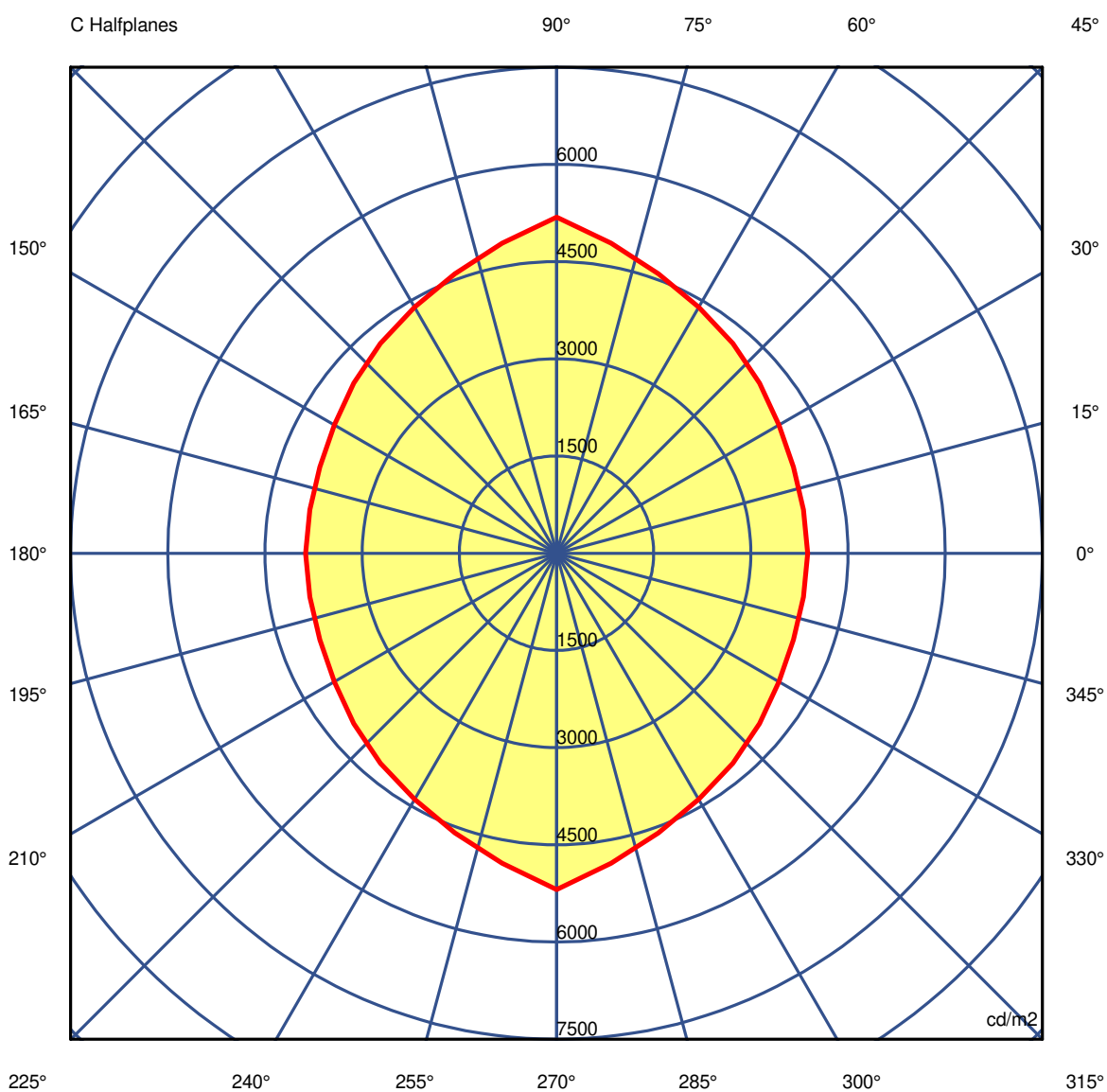
Code 90801L153  
Name THS L15W30 DAM K3 840 LO

**Measurem.**

Code 13/7/2023  
Name THS L15W30 DAM K3 840 LO

Luminaire Flux	5276 lm	Luminaire Power	42.2 W	Efficacy	125.106 lm/W	Efficiency	69.92%
Source Flux	7545 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	7545 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	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	
G 5.0	8829	8826	8832	8847	8869	8903	8946	8994	9048	9107	9048	8994	8946	
G 10.0	8397	8390	8400	8427	8473	8536	8616	8708	8811	8923	8811	8708	8616	
G 15.0	7898	7881	7890	7926	7991	8077	8185	8321	8477	8644	8477	8321	8185	
G 20.0	7269	7249	7255	7289	7364	7473	7615	7791	7987	8200	7987	7791	7615	
G 25.0	6501	6476	6492	6542	6620	6738	6901	7095	7320	7575	7320	7095	6901	
G 30.0	5682	5668	5694	5758	5857	5987	6148	6340	6568	6833	6568	6340	6148	
G 35.0	4938	4935	4971	5049	5164	5299	5451	5634	5862	6138	5862	5634	5451	
G 40.0	4333	4333	4379	4469	4584	4716	4869	5060	5298	5586	5298	5060	4869	
G 45.0	3877	3868	3892	3961	4087	4230	4385	4591	4858	5189	4858	4591	4385	
G 50.0	3129	3078	3074	3131	3250	3379	3520	3736	4042	4435	4042	3736	3520	
G 55.0	2469	2295	2228	2210	2126	2197	2473	2768	3144	3670	3144	2768	2473	
G 60.0	1858	1697	1603	1563	1537	1623	1830	2060	2398	2914	2398	2060	1830	
G 65.0	1536	1386	1296	1263	1265	1332	1474	1669	1985	2476	1985	1669	1474	
G 70.0	1172	1020	919	908	1003	1056	1081	1284	1649	2153	1649	1284	1081	
G 75.0	839	770	742	749	761	807	910	1078	1329	1708	1329	1078	910	
G 80.0	631	612	592	596	664	734	792	921	1141	1501	1141	921	792	
G 85.0	342	336	333	347	395	436	470	566	733	1067	733	566	470	
G 90.0	38	38	38	40	44	49	59	76	111	220	111	76	59	

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Source Flux	7545 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	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205	
G 5.0	8903	8869	8847	8832	8826	8829	8826	8832	8847	8869	8903	8946	8994	
G 10.0	8536	8473	8427	8400	8390	8397	8390	8400	8427	8473	8536	8616	8708	
G 15.0	8077	7991	7926	7890	7881	7898	7881	7890	7926	7991	8077	8185	8321	
G 20.0	7473	7364	7289	7255	7249	7269	7249	7255	7289	7364	7473	7615	7791	
G 25.0	6738	6620	6542	6492	6476	6501	6476	6492	6542	6620	6738	6901	7095	
G 30.0	5987	5857	5758	5694	5668	5682	5668	5694	5758	5857	5987	6148	6340	
G 35.0	5299	5164	5049	4971	4935	4938	4935	4971	5049	5164	5299	5451	5634	
G 40.0	4716	4584	4469	4379	4333	4333	4333	4379	4469	4584	4716	4869	5060	
G 45.0	4230	4087	3961	3892	3868	3877	3868	3892	3961	4087	4230	4385	4591	
G 50.0	3379	3250	3131	3074	3078	3129	3078	3074	3131	3250	3379	3520	3736	
G 55.0	2197	2126	2210	2228	2295	2469	2295	2228	2210	2126	2197	2473	2768	
G 60.0	1623	1537	1563	1603	1697	1858	1697	1603	1563	1537	1623	1830	2060	
G 65.0	1332	1265	1263	1296	1386	1536	1386	1296	1263	1265	1332	1474	1669	
G 70.0	1056	1003	908	919	1020	1172	1020	919	908	1003	1056	1081	1284	
G 75.0	807	761	749	742	770	839	770	742	749	761	807	910	1078	
G 80.0	734	664	596	592	612	631	612	592	596	664	734	792	921	
G 85.0	436	395	347	333	336	342	336	333	347	395	436	470	566	
G 90.0	49	44	40	38	38	38	38	38	40	44	49	59	76	

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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	9205	9205	9205	9205	9205	9205	9205	9205	9205	9205
G 5.0	9048	9107	9048	8994	8946	8903	8869	8847	8832	8826
G 10.0	8811	8923	8811	8708	8616	8536	8473	8427	8400	8390
G 15.0	8477	8644	8477	8321	8185	8077	7991	7926	7890	7881
G 20.0	7987	8200	7987	7791	7615	7473	7364	7289	7255	7249
G 25.0	7320	7575	7320	7095	6901	6738	6620	6542	6492	6476
G 30.0	6568	6833	6568	6340	6148	5987	5857	5758	5694	5668
G 35.0	5862	6138	5862	5634	5451	5299	5164	5049	4971	4935
G 40.0	5298	5586	5298	5060	4869	4716	4584	4469	4379	4333
G 45.0	4858	5189	4858	4591	4385	4230	4087	3961	3892	3868
G 50.0	4042	4435	4042	3736	3520	3379	3250	3131	3074	3078
G 55.0	3144	3670	3144	2768	2473	2197	2126	2210	2228	2295
G 60.0	2398	2914	2398	2060	1830	1623	1537	1563	1603	1697
G 65.0	1985	2476	1985	1669	1474	1332	1265	1263	1296	1386
G 70.0	1649	2153	1649	1284	1081	1056	1003	908	919	1020
G 75.0	1329	1708	1329	1078	910	807	761	749	742	770
G 80.0	1141	1501	1141	921	792	734	664	596	592	612
G 85.0	733	1067	733	566	470	436	395	347	333	336
G 90.0	111	220	111	76	59	49	44	40	38	38