

Luminaire

Code 90803L066
Name THS L60W60 DAM 840 HO

Measurem.

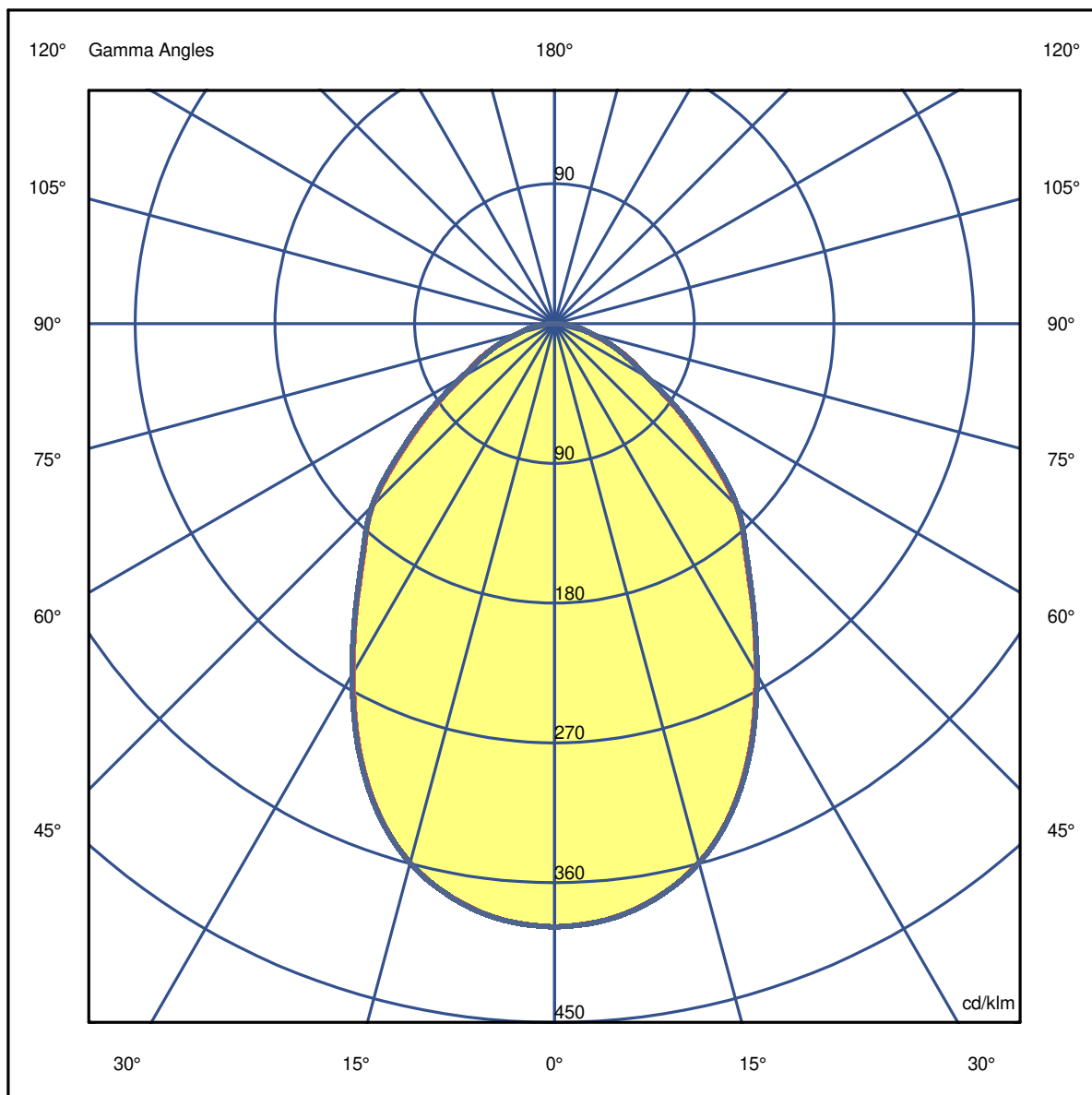
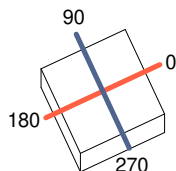
Code 13/7/2023
Name THS L60W60 DAM 840 HO

Luminaire Flux	7121 lm	Luminaire Power	59.0 W	Efficacy	120.797 lm/W	Efficiency	69.92%
Source Flux	10184 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

597mm x 597mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



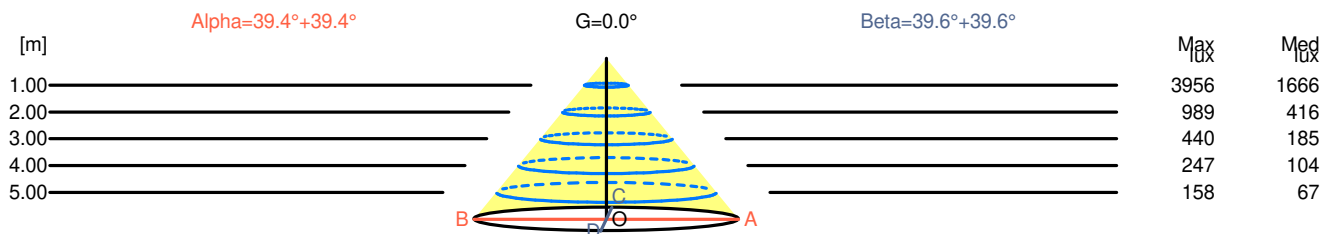
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Width at 50.00 % of Max Intensity

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	3956.48	3923.90	3660.13	3045.02	2266.96	1689.53	985.81	538.73	244.42	76.38
OB	3956.48	3923.90	3660.13	3045.02	2266.96	1689.53	985.81	538.73	244.42	76.38
OC	3956.48	3924.91	3661.15	3054.18	2275.11	1695.64	1002.11	522.44	243.40	74.34
OD	3956.48	3924.91	3661.15	3054.18	2275.11	1695.64	1002.11	522.44	243.40	74.34



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0	
1.00	1.64	3956	1666			
2.00	3.29	989	416			
3.00	4.93	440	185			
4.00	6.58	247	104			
5.00	8.22	158	67			

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0	
1.00	1.65	3956	1666			
2.00	3.31	989	416			
3.00	4.96	440	185			
4.00	6.62	247	104			
5.00	8.27	158	67			

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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	16.9	18.1	17.2	18.3	18.5	17.0	18.1	17.3	18.3	18.5
x=2H y=3H	17.6	18.6	17.9	18.8	19.1	17.6	18.6	17.9	18.8	19.1
x=2H y=4H	17.8	18.8	18.1	19.0	19.3	17.8	18.8	18.2	19.1	19.3
x=2H y=6H	18.0	18.9	18.3	19.2	19.5	18.0	18.9	18.4	19.2	19.5
x=2H y=8H	18.1	18.9	18.4	19.2	19.5	18.1	18.9	18.5	19.2	19.5
x=2H y=12H	18.1	18.9	18.5	19.2	19.6	18.1	18.9	18.5	19.2	19.6
x=4H y=2H	17.1	18.0	17.4	18.3	18.6	17.1	18.1	17.5	18.4	18.6
x=4H y=3H	17.9	18.7	18.2	19.0	19.3	17.9	18.7	18.2	19.0	19.3
x=4H y=4H	18.2	18.9	18.6	19.2	19.6	18.2	18.9	18.6	19.3	19.6
x=4H y=6H	18.5	19.1	18.9	19.5	19.8	18.5	19.1	18.9	19.5	19.9
x=4H y=8H	18.6	19.1	19.0	19.5	19.9	18.6	19.2	19.0	19.6	20.0
x=4H y=12H	18.7	19.2	19.1	19.6	20.0	18.7	19.2	19.1	19.6	20.0
x=8H y=4H	18.2	18.8	18.7	19.2	19.6	18.3	18.8	18.7	19.2	19.6
x=8H y=6H	18.6	19.1	19.1	19.5	20.0	18.7	19.1	19.1	19.5	20.0
x=8H y=8H	18.8	19.2	19.3	19.6	20.1	18.8	19.2	19.3	19.6	20.1
x=8H y=12H	18.9	19.2	19.4	19.7	20.2	18.9	19.3	19.4	19.7	20.2
x=12H y=4H	18.2	18.7	18.7	19.2	19.6	18.3	18.8	18.7	19.2	19.6
x=12H y=6H	18.7	19.0	19.1	19.5	20.0	18.7	19.1	19.2	19.5	20.0
x=12H y=8H	18.8	19.2	19.3	19.6	20.1	18.9	19.2	19.3	19.7	20.2

Luminaire

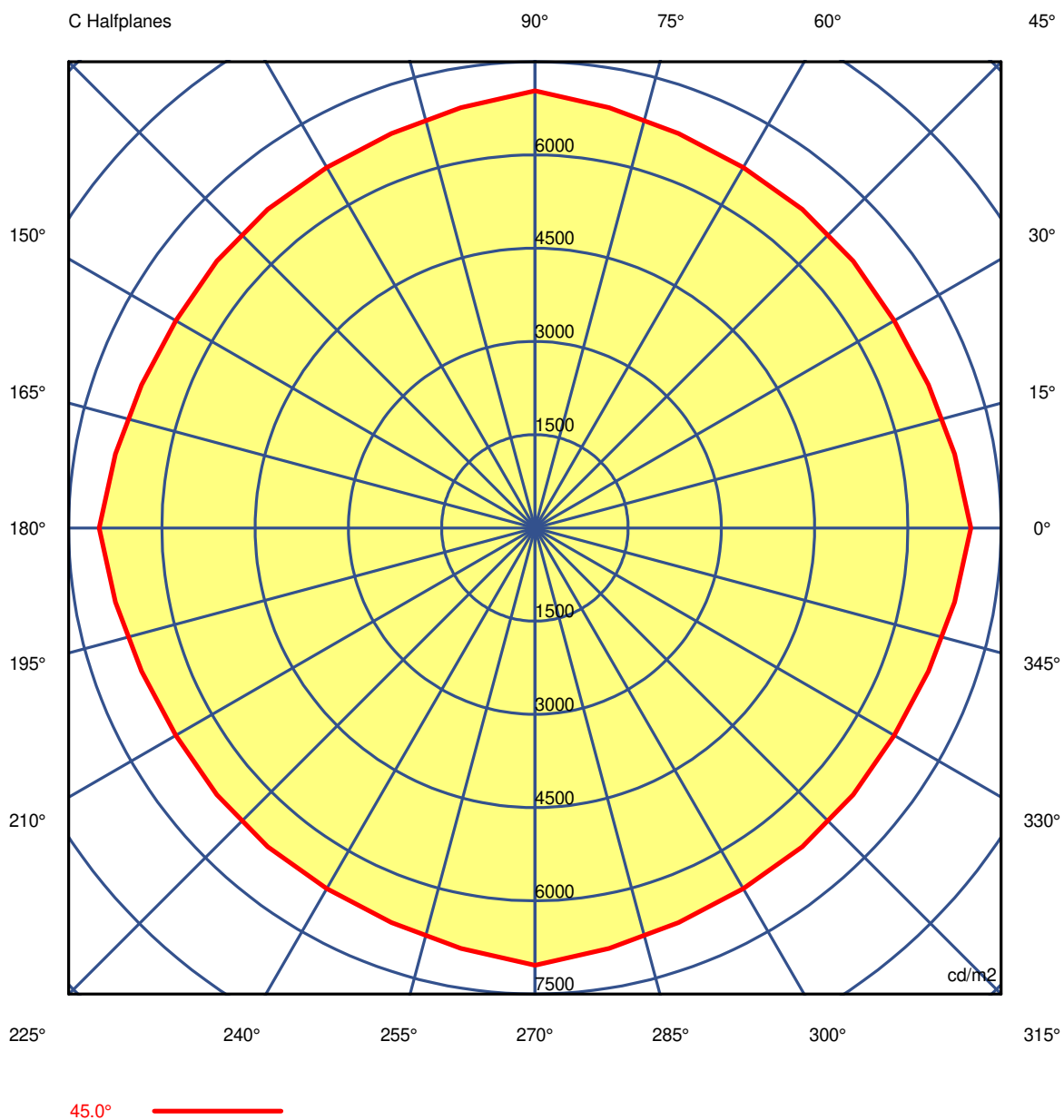
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Luminaire Flux	7121 lm	Luminaire Power	59.0 W	Efficacy	120.797 lm/W	Efficiency	69.92%
Source Flux	10184 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Measur.

Code 13/7/2023
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Luminaire Flux	7121 lm		Luminaire Power		59.0 W		Efficacy		120.797 lm/W		Efficiency		69.92%	
Source Flux	10184 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	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	
G 5.0	13536	13503	13478	13458	13446	13446	13458	13477	13504	13539	13504	13477	13458	
G 10.0	13132	13068	13017	12981	12963	12964	12985	13021	13071	13136	13071	13021	12985	
G 15.0	12595	12492	12411	12358	12335	12335	12358	12416	12499	12599	12499	12416	12358	
G 20.0	11819	11691	11583	11503	11470	11475	11517	11601	11704	11829	11704	11601	11517	
G 25.0	10780	10628	10520	10450	10403	10404	10457	10542	10660	10812	10660	10542	10457	
G 30.0	9612	9469	9369	9311	9289	9297	9332	9399	9502	9645	9502	9399	9332	
G 35.0	8530	8397	8310	8269	8267	8276	8291	8333	8421	8561	8421	8333	8291	
G 40.0	7652	7518	7443	7418	7413	7412	7421	7465	7554	7688	7554	7465	7421	
G 45.0	7011	6852	6733	6671	6680	6692	6699	6754	6869	7036	6869	6754	6699	
G 50.0	5810	5580	5422	5356	5375	5386	5390	5480	5661	5913	5661	5480	5390	
G 55.0	4720	4267	4016	3848	3562	3531	3798	4045	4356	4798	4356	4045	3798	
G 60.0	3675	3249	2962	2776	2614	2633	2820	2999	3279	3718	3279	2999	2820	
G 65.0	3161	2747	2464	2296	2189	2186	2280	2418	2672	3066	2672	2418	2280	
G 70.0	2533	2107	1809	1698	1773	1757	1680	1849	2173	2560	2173	1849	1680	
G 75.0	1928	1675	1527	1450	1382	1365	1422	1539	1705	1920	1705	1539	1422	
G 80.0	1575	1427	1289	1208	1249	1270	1249	1300	1405	1546	1405	1300	1249	
G 85.0	963	864	786	749	780	781	749	786	846	937	846	786	749	
G 90.0	131	113	102	96	93	93	96	102	113	131	113	102	96	

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Source Flux	10184 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	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823	
G 5.0	13446	13446	13458	13478	13503	13536	13503	13478	13458	13446	13446	13458	13477	
G 10.0	12964	12963	12981	13017	13068	13132	13068	13017	12981	12963	12964	12985	13021	
G 15.0	12335	12335	12358	12411	12492	12595	12492	12411	12358	12335	12335	12358	12416	
G 20.0	11475	11470	11503	11583	11691	11819	11691	11583	11503	11470	11475	11517	11601	
G 25.0	10404	10403	10450	10520	10628	10780	10628	10520	10450	10403	10404	10457	10542	
G 30.0	9297	9289	9311	9369	9469	9612	9469	9369	9311	9289	9297	9332	9399	
G 35.0	8276	8267	8269	8310	8397	8530	8397	8310	8269	8267	8276	8291	8333	
G 40.0	7412	7413	7418	7443	7518	7652	7518	7443	7418	7413	7412	7421	7465	
G 45.0	6692	6680	6671	6733	6852	7011	6852	6733	6671	6680	6692	6699	6754	
G 50.0	5386	5375	5356	5422	5580	5810	5580	5422	5356	5375	5386	5390	5480	
G 55.0	3531	3562	3848	4016	4267	4720	4267	4016	3848	3562	3531	3798	4045	
G 60.0	2633	2614	2776	2962	3249	3675	3249	2962	2776	2614	2633	2820	2999	
G 65.0	2186	2189	2296	2464	2747	3161	2747	2464	2296	2189	2186	2280	2418	
G 70.0	1757	1773	1698	1809	2107	2533	2107	1809	1698	1773	1757	1680	1849	
G 75.0	1365	1382	1450	1527	1675	1928	1675	1527	1450	1382	1365	1422	1539	
G 80.0	1270	1249	1208	1289	1427	1575	1427	1289	1208	1249	1270	1249	1300	
G 85.0	781	780	749	786	864	963	864	786	749	780	781	749	786	
G 90.0	93	93	96	102	113	131	113	102	96	93	93	96	102	

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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	13823	13823	13823	13823	13823	13823	13823	13823	13823	13823
G 5.0	13504	13539	13504	13477	13458	13446	13446	13458	13478	13503
G 10.0	13071	13136	13071	13021	12985	12964	12963	12981	13017	13068
G 15.0	12499	12599	12499	12416	12358	12335	12335	12358	12411	12492
G 20.0	11704	11829	11704	11601	11517	11475	11470	11503	11583	11691
G 25.0	10660	10812	10660	10542	10457	10404	10403	10450	10520	10628
G 30.0	9502	9645	9502	9399	9332	9297	9289	9311	9369	9469
G 35.0	8421	8561	8421	8333	8291	8276	8267	8269	8310	8397
G 40.0	7554	7688	7554	7465	7421	7412	7413	7418	7443	7518
G 45.0	6869	7036	6869	6754	6699	6692	6680	6671	6733	6852
G 50.0	5661	5913	5661	5480	5390	5386	5375	5356	5422	5580
G 55.0	4356	4798	4356	4045	3798	3531	3562	3848	4016	4267
G 60.0	3279	3718	3279	2999	2820	2633	2614	2776	2962	3249
G 65.0	2672	3066	2672	2418	2280	2186	2189	2296	2464	2747
G 70.0	2173	2560	2173	1849	1680	1757	1773	1698	1809	2107
G 75.0	1705	1920	1705	1539	1422	1365	1382	1450	1527	1675
G 80.0	1405	1546	1405	1300	1249	1270	1249	1208	1289	1427
G 85.0	846	937	846	786	749	781	780	749	786	864
G 90.0	113	131	113	102	96	93	93	96	102	113