

**Luminaire**

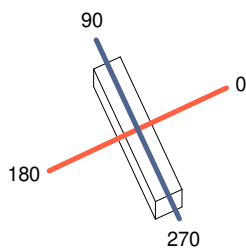
Code 90803L153  
Name THS L15W30 DAM K3 840 HO

**Measurem.**

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

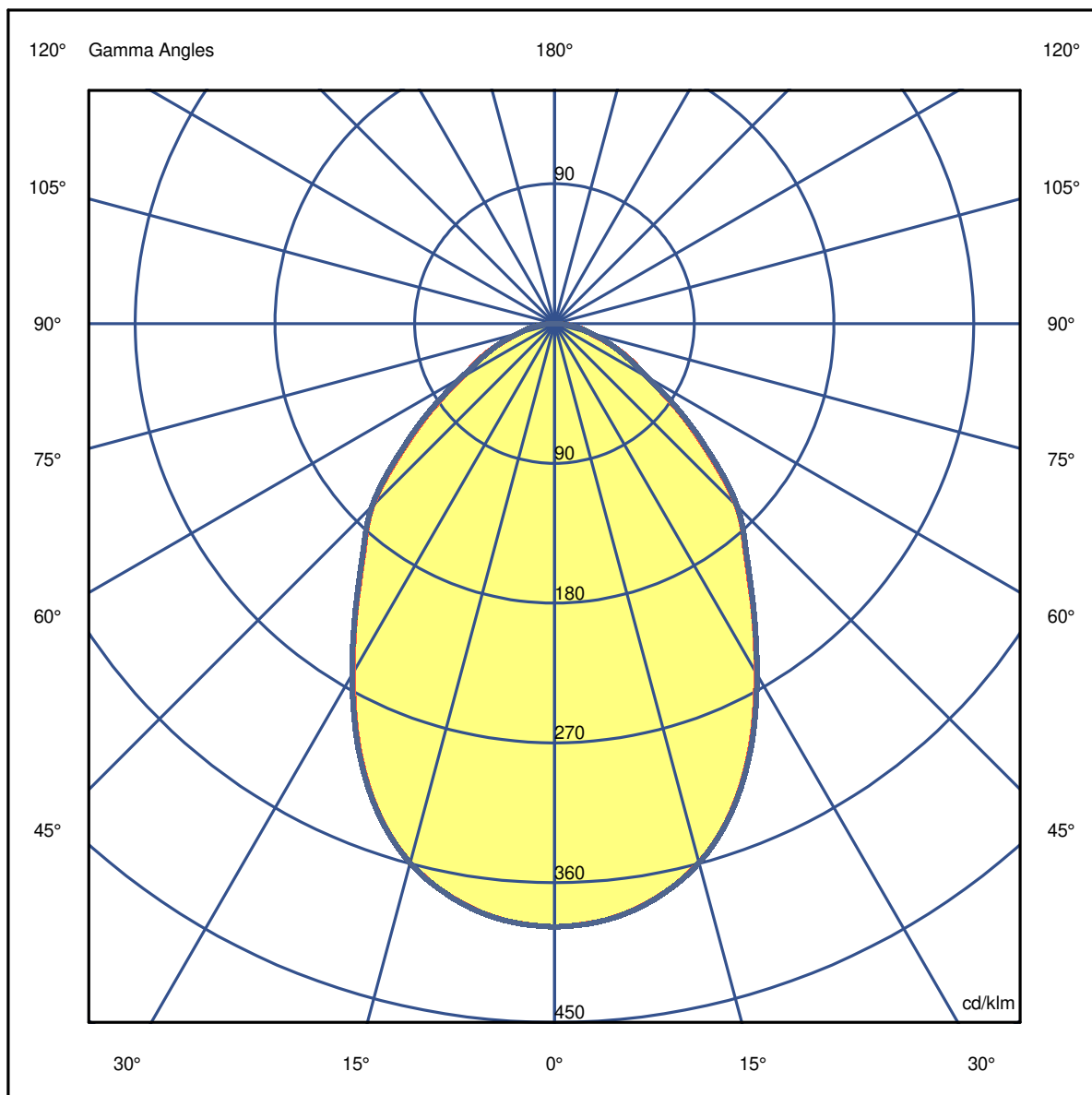
Luminaire Flux	8901 lm	Luminaire Power	73.8 W	Efficacy	120.662 lm/W	Efficiency	69.92%
Source Flux	12730 lm	Maximum value	388.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



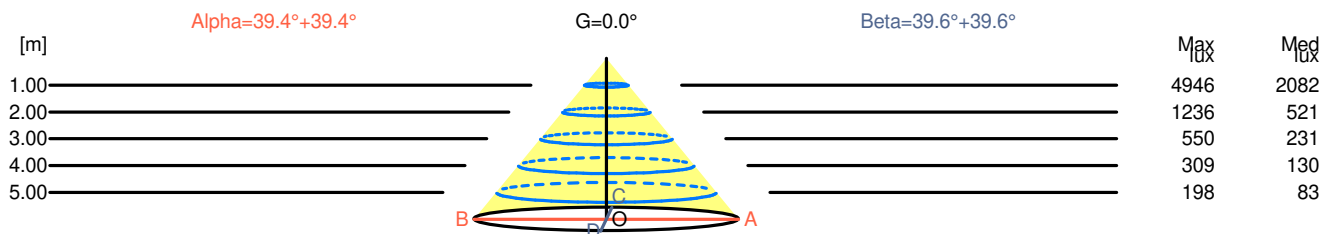
**Luminaire**Code 90803L153  
Name THS L15W30 DAM K3 840 HO**Measurem.**Code 13/7/2023  
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Luminaire Flux	8901 lm	Luminaire Power	73.8 W	Efficacy	120.662 lm/W	Efficiency	69.92%
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Width at 50.00 % of 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	4945.61	4904.87	4575.16	3806.27	2833.70	2111.91	1232.26	673.42	305.52	95.48
OB	4945.61	4904.87	4575.16	3806.27	2833.70	2111.91	1232.26	673.42	305.52	95.48
OC	4945.61	4906.14	4576.44	3817.73	2843.88	2119.55	1252.63	653.05	304.25	92.93
OD	4945.61	4906.14	4576.44	3817.73	2843.88	2119.55	1252.63	653.05	304.25	92.93



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0	
1.00	1.64	4946	2082			
2.00	3.29	1236	521			
3.00	4.93	550	231			
4.00	6.58	309	130			
5.00	8.22	198	83			

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0	
1.00	1.65	4946	2082			
2.00	3.31	1236	521			
3.00	4.96	550	231			
4.00	6.62	309	130			
5.00	8.27	198	83			

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Luminaire Flux	8901 lm	Luminaire Power	73.8 W	Efficacy	120.662 lm/W	Efficiency	69.92%
Source Flux	12730 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	16.8	17.9	17.1	18.1	18.3	17.5	18.6	17.8	18.8	19.0
x=2H y=3H	17.3	18.3	17.6	18.6	18.8	18.2	19.2	18.5	19.4	19.7
x=2H y=4H	17.5	18.5	17.8	18.7	19.0	18.5	19.4	18.8	19.7	20.0
x=2H y=6H	17.6	18.5	18.0	18.8	19.1	18.7	19.6	19.1	19.9	20.2
x=2H y=8H	17.7	18.5	18.0	18.8	19.1	18.8	19.6	19.2	19.9	20.3
x=2H y=12H	17.7	18.5	18.1	18.8	19.2	18.9	19.7	19.2	20.0	20.3
x=4H y=2H	17.0	17.9	17.3	18.2	18.5	17.6	18.6	17.9	18.8	19.1
x=4H y=3H	17.6	18.4	18.0	18.8	19.1	18.4	19.2	18.8	19.5	19.9
x=4H y=4H	17.9	18.6	18.3	19.0	19.3	18.8	19.5	19.2	19.8	20.2
x=4H y=6H	18.1	18.7	18.5	19.1	19.5	19.1	19.7	19.5	20.1	20.5
x=4H y=8H	18.2	18.8	18.6	19.1	19.5	19.3	19.8	19.7	20.2	20.6
x=4H y=12H	18.2	18.7	18.7	19.1	19.6	19.4	19.9	19.8	20.3	20.7
x=8H y=4H	18.0	18.5	18.4	18.9	19.3	18.8	19.4	19.2	19.8	20.2
x=8H y=6H	18.3	18.7	18.7	19.1	19.6	19.2	19.7	19.7	20.1	20.6
x=8H y=8H	18.4	18.8	18.9	19.2	19.7	19.4	19.8	19.9	20.3	20.7
x=8H y=12H	18.5	18.8	18.9	19.3	19.8	19.6	19.9	20.0	20.4	20.9
x=12H y=4H	18.0	18.5	18.4	18.9	19.3	18.8	19.3	19.2	19.7	20.1
x=12H y=6H	18.3	18.7	18.8	19.1	19.6	19.3	19.6	19.7	20.1	20.6
x=12H y=8H	18.4	18.8	18.9	19.2	19.7	19.5	19.8	19.9	20.3	20.8

**Luminaire**

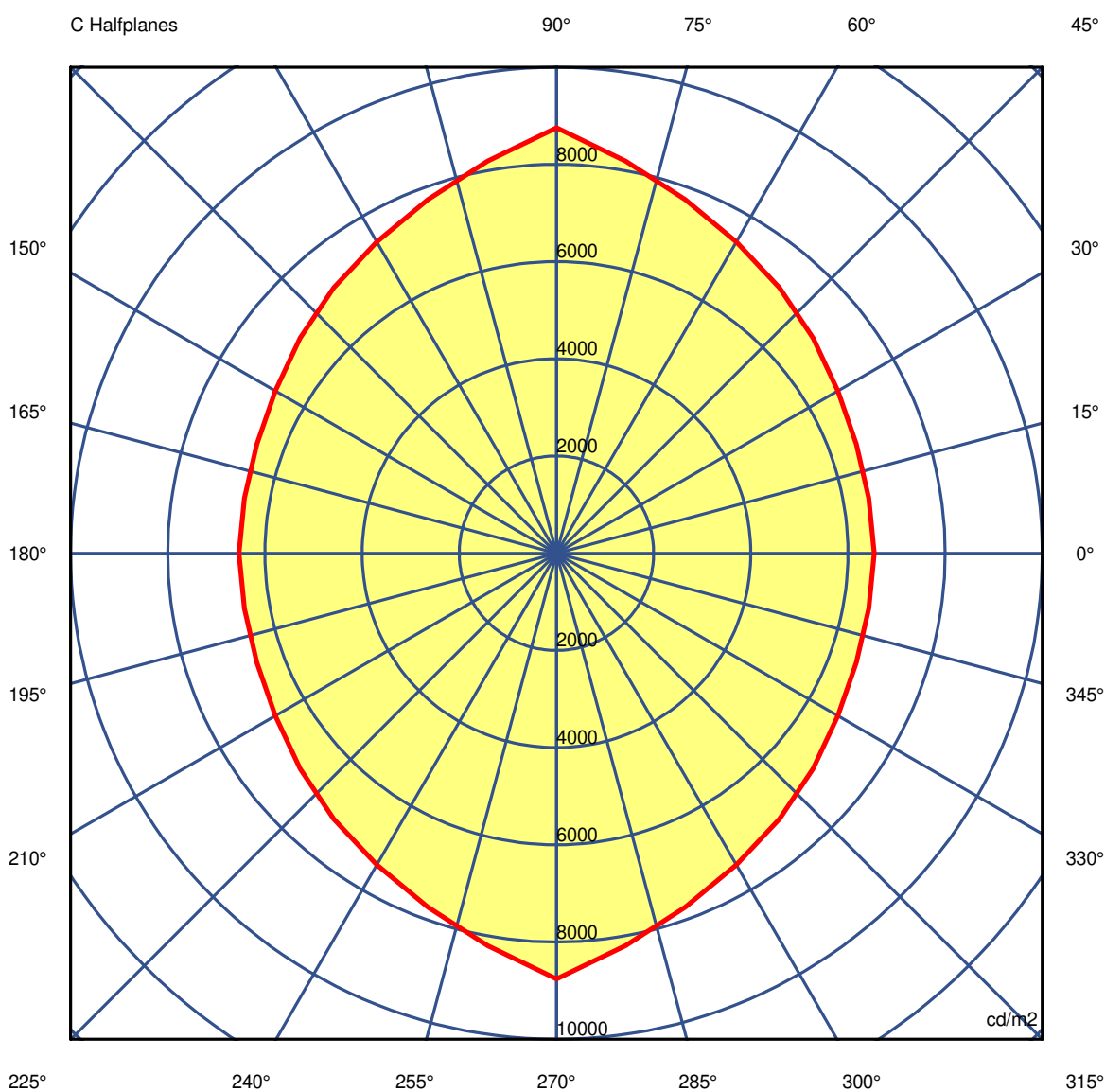
Code 90803L153  
Name THS L15W30 DAM K3 840 HO

**Measurem.**

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

Luminaire Flux	8901 lm	Luminaire Power	73.8 W	Efficacy	120.662 lm/W	Efficiency	69.92%
Source Flux	12730 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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Luminaire Flux		8901 lm		Luminaire Power		73.8 W		Efficacy		120.662 lm/W		Efficiency		69.92%	
Source Flux		12730 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	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531
G 5.0	14897	14891	14902	14926	14964	15021	15094	15175	15267	15365	15267	15175	15094	14964	14897
G 10.0	14167	14155	14172	14219	14295	14402	14536	14692	14867	15056	14867	14692	14536	14295	14167
G 15.0	13325	13297	13312	13373	13482	13627	13810	14040	14302	14585	14302	14040	13810	13627	13325
G 20.0	12264	12231	12240	12299	12425	12609	12847	13145	13475	13835	13475	13145	12847	12609	12264
G 25.0	10969	10927	10953	11039	11169	11369	11644	11971	12350	12780	12350	11971	11644	11369	10969
G 30.0	9586	9564	9607	9715	9882	10102	10372	10697	11082	11529	11082	10697	10372	10102	9586
G 35.0	8332	8326	8388	8519	8713	8941	9198	9506	9890	10357	9890	9506	9198	8941	8332
G 40.0	7311	7311	7389	7540	7734	7957	8215	8537	8939	9425	8939	8537	8215	7957	7311
G 45.0	6541	6525	6567	6684	6895	7137	7399	7746	8197	8754	8197	7746	7399	7137	6541
G 50.0	5280	5193	5187	5283	5484	5702	5939	6304	6819	7482	6819	6304	5939	5702	5280
G 55.0	4165	3872	3760	3729	3587	3707	4173	4670	5305	6193	5305	4670	4173	3707	4165
G 60.0	3136	2863	2705	2637	2593	2738	3088	3476	4047	4916	4047	3476	3088	2738	3136
G 65.0	2592	2338	2186	2131	2133	2248	2487	2816	3350	4178	3350	2816	2487	2248	2592
G 70.0	1978	1721	1551	1532	1692	1782	1824	2167	2781	3632	2781	2167	1824	1782	1978
G 75.0	1415	1299	1253	1263	1284	1361	1535	1818	2243	2882	2243	1818	1535	1361	1415
G 80.0	1064	1032	999	1005	1121	1238	1337	1554	1925	2533	1925	1554	1337	1238	1064
G 85.0	577	567	563	585	666	736	792	955	1236	1800	1236	955	792	736	577
G 90.0	64	64	65	68	73	83	99	128	187	372	187	128	99	83	64

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Source Flux	12730 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	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531	
G 5.0	15021	14964	14926	14902	14891	14897	14891	14902	14926	14964	15021	15094	15175	
G 10.0	14402	14295	14219	14172	14155	14167	14155	14172	14219	14295	14402	14536	14692	
G 15.0	13627	13482	13373	13312	13297	13325	13297	13312	13373	13482	13627	13810	14040	
G 20.0	12609	12425	12299	12240	12231	12264	12231	12240	12299	12425	12609	12847	13145	
G 25.0	11369	11169	11039	10953	10927	10969	10927	10953	11039	11169	11369	11644	11971	
G 30.0	10102	9882	9715	9607	9564	9586	9564	9607	9715	9882	10102	10372	10697	
G 35.0	8941	8713	8519	8388	8326	8332	8326	8388	8519	8713	8941	9198	9506	
G 40.0	7957	7734	7540	7389	7311	7311	7311	7389	7540	7734	7957	8215	8537	
G 45.0	7137	6895	6684	6567	6525	6541	6525	6567	6684	6895	7137	7399	7746	
G 50.0	5702	5484	5283	5187	5193	5280	5193	5187	5283	5484	5702	5939	6304	
G 55.0	3707	3587	3729	3760	3872	4165	3872	3760	3729	3587	3707	4173	4670	
G 60.0	2738	2593	2637	2705	2863	3136	2863	2705	2637	2593	2738	3088	3476	
G 65.0	2248	2133	2131	2186	2338	2592	2338	2186	2131	2133	2248	2487	2816	
G 70.0	1782	1692	1532	1551	1721	1978	1721	1551	1532	1692	1782	1824	2167	
G 75.0	1361	1284	1263	1253	1299	1415	1299	1253	1263	1284	1361	1535	1818	
G 80.0	1238	1121	1005	999	1032	1064	1032	999	1005	1121	1238	1337	1554	
G 85.0	736	666	585	563	567	577	567	563	585	666	736	792	955	
G 90.0	83	73	68	65	64	64	64	65	68	73	83	99	128	

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Source Flux	12730 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	15531	15531	15531	15531	15531	15531	15531	15531	15531	15531
G 5.0	15267	15365	15267	15175	15094	15021	14964	14926	14902	14891
G 10.0	14867	15056	14867	14692	14536	14402	14295	14219	14172	14155
G 15.0	14302	14585	14302	14040	13810	13627	13482	13373	13312	13297
G 20.0	13475	13835	13475	13145	12847	12609	12425	12299	12240	12231
G 25.0	12350	12780	12350	11971	11644	11369	11169	11039	10953	10927
G 30.0	11082	11529	11082	10697	10372	10102	9882	9715	9607	9564
G 35.0	9890	10357	9890	9506	9198	8941	8713	8519	8388	8326
G 40.0	8939	9425	8939	8537	8215	7957	7734	7540	7389	7311
G 45.0	8197	8754	8197	7746	7399	7137	6895	6684	6567	6525
G 50.0	6819	7482	6819	6304	5939	5702	5484	5283	5187	5193
G 55.0	5305	6193	5305	4670	4173	3707	3587	3729	3760	3872
G 60.0	4047	4916	4047	3476	3088	2738	2593	2637	2705	2863
G 65.0	3350	4178	3350	2816	2487	2248	2133	2131	2186	2338
G 70.0	2781	3632	2781	2167	1824	1782	1692	1532	1551	1721
G 75.0	2243	2882	2243	1818	1535	1361	1284	1263	1253	1299
G 80.0	1925	2533	1925	1554	1337	1238	1121	1005	999	1032
G 85.0	1236	1800	1236	955	792	736	666	585	563	567
G 90.0	187	372	187	128	99	83	73	68	65	64