

**Luminaire**

Code 90802L123

Name THS L12W30 LIGHT+ K3 840 LO

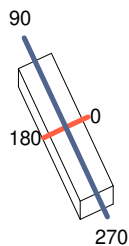
**Measurem.**

Code 12/7/2023

Name THS L12W30 LIGHT+ K3 840 LO

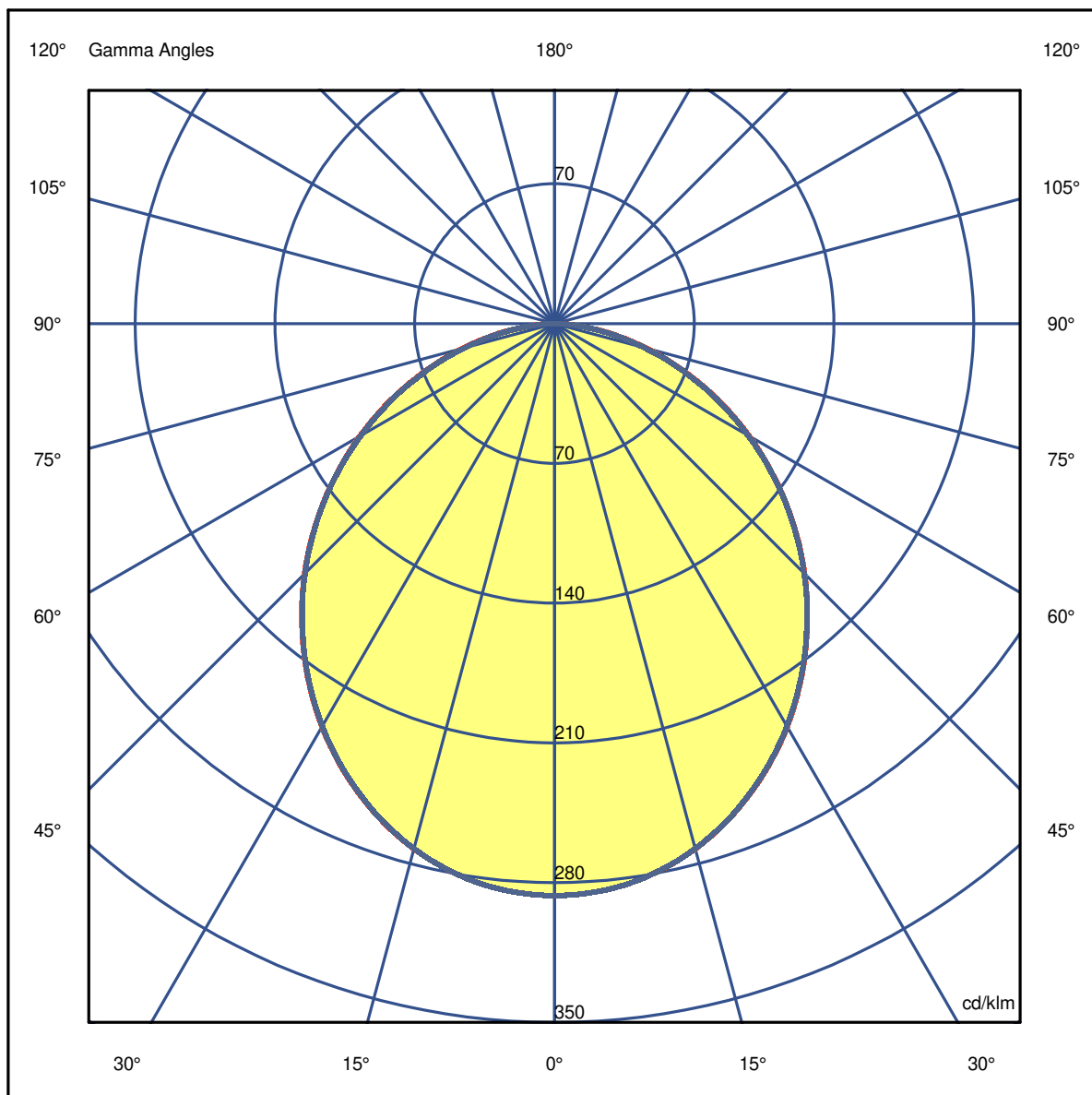
Luminaire Flux	4607 lm	Luminaire Power	33.6 W	Efficacy	137.196 lm/W	Efficiency	76.33%
Source Flux	6036 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1197mm x 297mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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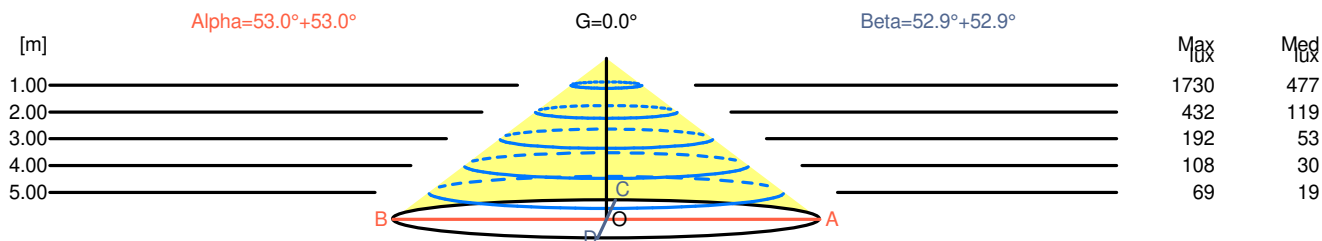
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Source Flux	6036 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.33	2.65	3.98	5.31	6.63	OC	1.32	2.65	3.97	5.29	6.61
OB	1.33	2.65	3.98	5.31	6.63	OD	1.32	2.65	3.97	5.29	6.61

	0	5	15	25	35	45	55	65	75	85
OA	1729.92	1719.66	1643.60	1498.74	1301.97	1068.98	811.84	546.26	288.52	70.02
OB	1729.92	1719.66	1643.60	1498.74	1301.97	1068.98	811.84	546.26	288.52	70.02
OC	1729.92	1719.66	1643.00	1497.53	1300.15	1067.16	809.43	541.43	281.88	64.59
OD	1729.92	1719.66	1643.00	1497.53	1300.15	1067.16	809.43	541.43	281.88	64.59



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0	
1.00	2.65	1730	477			
2.00	5.31	432	119			
3.00	7.96	192	53			
4.00	10.61	108	30			
5.00	13.26	69	19			

H[m]	D[m]	Max lux	Med lux	Beta=52.9°+52.9°	G=0.0	
1.00	2.65	1730	477			
2.00	5.29	432	119			
3.00	7.94	192	53			
4.00	10.58	108	30			
5.00	13.23	69	19			

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Source Flux	6036 lm	Maximum value	286.60 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	16.9	18.2	17.1	18.4	18.6	17.6	18.9	17.9	19.1	19.3
x=2H y=3H	18.0	19.2	18.4	19.5	19.7	18.9	20.1	19.3	20.4	20.6
x=2H y=4H	18.4	19.6	18.8	19.8	20.1	19.4	20.6	19.8	20.8	21.1
x=2H y=6H	18.7	19.7	19.0	20.0	20.3	19.8	20.8	20.1	21.1	21.4
x=2H y=8H	18.7	19.7	19.1	20.0	20.3	19.9	20.9	20.2	21.2	21.5
x=2H y=12H	18.7	19.7	19.1	20.0	20.3	19.9	20.8	20.3	21.2	21.5
x=4H y=2H	17.5	18.6	17.8	18.9	19.1	18.0	19.1	18.4	19.4	19.7
x=4H y=3H	18.8	19.8	19.2	20.1	20.4	19.5	20.5	19.9	20.8	21.1
x=4H y=4H	19.3	20.1	19.7	20.5	20.8	20.2	21.0	20.5	21.3	21.7
x=4H y=6H	19.6	20.4	20.1	20.8	21.2	20.6	21.3	21.0	21.7	22.1
x=4H y=8H	19.7	20.4	20.1	20.8	21.2	20.7	21.4	21.1	21.8	22.2
x=4H y=12H	19.7	20.3	20.2	20.8	21.2	20.8	21.4	21.2	21.8	22.2
x=8H y=4H	19.5	20.2	20.0	20.6	21.0	20.3	21.0	20.7	21.4	21.8
x=8H y=6H	19.9	20.5	20.4	20.9	21.4	20.8	21.4	21.3	21.8	22.3
x=8H y=8H	20.1	20.5	20.5	21.0	21.5	21.0	21.5	21.4	21.9	22.4
x=8H y=12H	20.1	20.5	20.6	21.0	21.5	21.1	21.5	21.6	22.0	22.5
x=12H y=4H	19.5	20.1	20.0	20.5	21.0	20.3	20.9	20.7	21.3	21.7
x=12H y=6H	20.0	20.4	20.4	20.9	21.4	20.8	21.3	21.3	21.8	22.2
x=12H y=8H	20.1	20.5	20.6	21.0	21.5	21.0	21.4	21.5	21.9	22.4

**Luminaire**

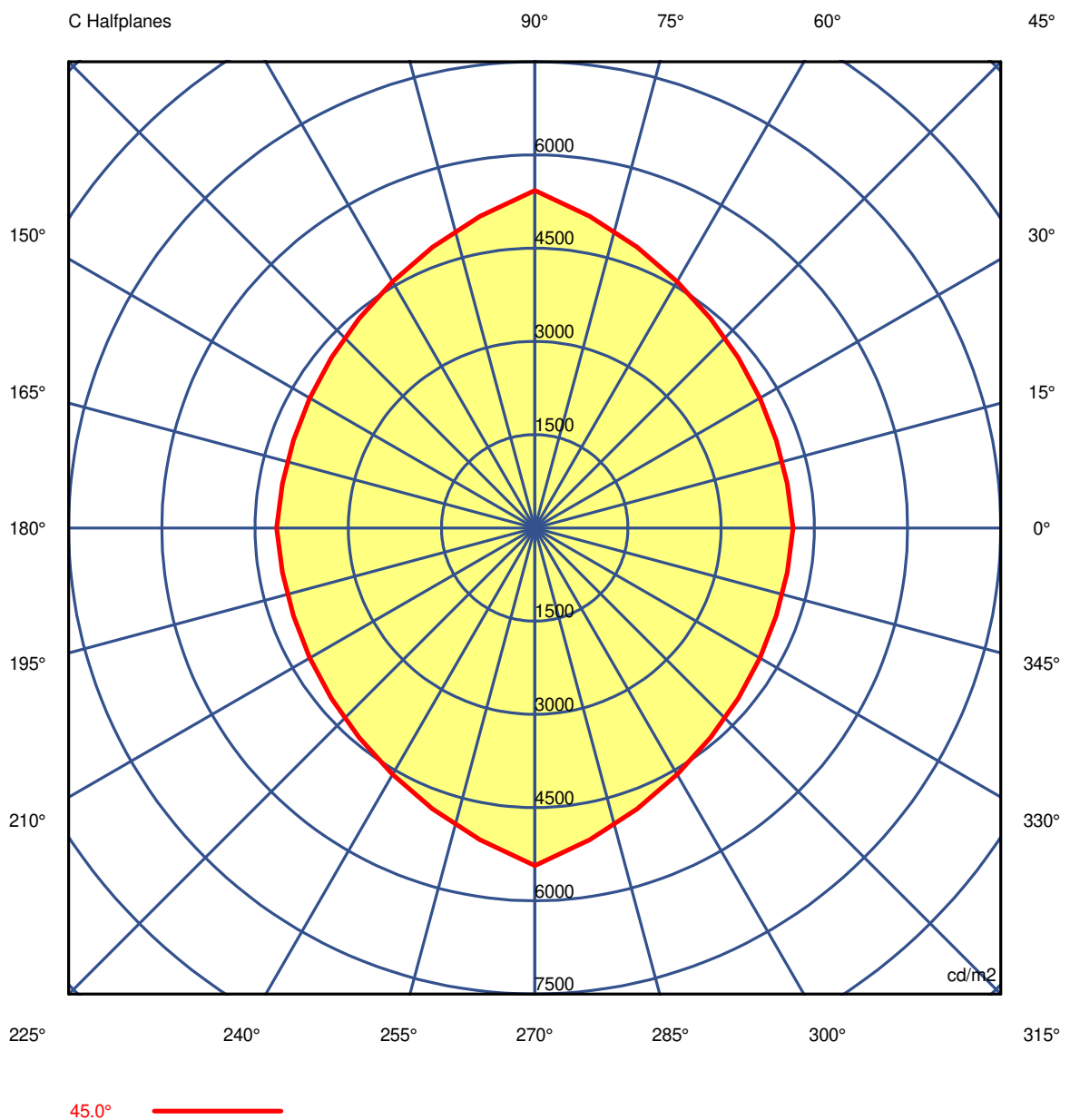
Code 90802L123  
Name THS L12W30 LIGHT+ K3 840 LO

**Measurem.**

Code 12/7/2023  
Name THS L12W30 LIGHT+ K3 840 LO

Luminaire Flux	4607 lm	Luminaire Power	33.6 W	Efficacy	137.196 lm/W	Efficiency	76.33%
Source Flux	6036 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



**Luminaire**

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**Measur.**

Code 12/7/2023

Name THS L12W30 LIGHT+ K3 840 LO

Luminaire Flux	4607 lm	Luminaire Power	33.6 W	Efficacy	137.196 lm/W	Efficiency	76.33%						
Source Flux	6036 lm	Maximum value	286.60 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	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816
G 5.0	6553	6549	6552	6561	6578	6601	6631	6664	6703	6746	6703	6664	6631
G 10.0	6283	6273	6278	6297	6327	6370	6426	6493	6569	6653	6569	6493	6426
G 15.0	6006	5990	5995	6020	6063	6125	6205	6301	6413	6537	6413	6301	6205
G 20.0	5715	5700	5706	5735	5790	5868	5969	6091	6234	6396	6234	6091	5969
G 25.0	5419	5396	5404	5442	5506	5599	5721	5866	6038	6236	6038	5866	5721
G 30.0	5119	5092	5100	5140	5210	5317	5457	5623	5824	6063	5824	5623	5457
G 35.0	4803	4778	4787	4831	4909	5024	5179	5367	5595	5866	5595	5367	5179
G 40.0	4481	4454	4463	4509	4594	4719	4885	5094	5351	5658	5351	5094	4885
G 45.0	4154	4124	4133	4181	4271	4402	4578	4808	5092	5433	5092	4808	4578
G 50.0	3809	3778	3788	3839	3929	4067	4259	4499	4804	5185	4804	4499	4259
G 55.0	3443	3413	3423	3474	3569	3711	3906	4159	4484	4899	4484	4159	3906
G 60.0	3055	3028	3038	3085	3178	3321	3520	3782	4126	4578	4126	3782	3520
G 65.0	2638	2606	2612	2658	2751	2890	3083	3353	3715	4198	3715	3353	3083
G 70.0	2176	2149	2157	2199	2284	2414	2597	2856	3221	3738	3221	2856	2597
G 75.0	1677	1653	1661	1696	1762	1875	2046	2286	2637	3173	2637	2286	2046
G 80.0	1128	1114	1118	1140	1191	1278	1413	1611	1923	2444	1923	1611	1413
G 85.0	531	521	521	528	554	602	680	805	1012	1404	1012	805	680
G 90.0	55	58	59	62	67	74	88	103	141	252	141	103	88

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Source Flux	6036 lm	Maximum value		286.60 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	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816
G 5.0	6601	6578	6561	6552	6549	6553	6549	6552	6561	6578	6601	6631	6664
G 10.0	6370	6327	6297	6278	6273	6283	6273	6278	6297	6327	6370	6426	6493
G 15.0	6125	6063	6020	5995	5990	6006	5990	5995	6020	6063	6125	6205	6301
G 20.0	5868	5790	5735	5706	5700	5715	5700	5706	5735	5790	5868	5969	6091
G 25.0	5599	5506	5442	5404	5396	5419	5396	5404	5442	5506	5599	5721	5866
G 30.0	5317	5210	5140	5100	5092	5119	5092	5100	5140	5210	5317	5457	5623
G 35.0	5024	4909	4831	4787	4778	4803	4778	4787	4831	4909	5024	5179	5367
G 40.0	4719	4594	4509	4463	4454	4481	4454	4463	4509	4594	4719	4885	5094
G 45.0	4402	4271	4181	4133	4124	4154	4124	4133	4181	4271	4402	4578	4808
G 50.0	4067	3929	3839	3788	3778	3809	3778	3788	3839	3929	4067	4259	4499
G 55.0	3711	3569	3474	3423	3413	3443	3413	3423	3474	3569	3711	3906	4159
G 60.0	3321	3178	3085	3038	3028	3055	3028	3038	3085	3178	3321	3520	3782
G 65.0	2890	2751	2658	2612	2606	2638	2606	2612	2658	2751	2890	3083	3353
G 70.0	2414	2284	2199	2157	2149	2176	2149	2157	2199	2284	2414	2597	2856
G 75.0	1875	1762	1696	1661	1653	1677	1653	1661	1696	1762	1875	2046	2286
G 80.0	1278	1191	1140	1118	1114	1128	1114	1118	1140	1191	1278	1413	1611
G 85.0	602	554	528	521	521	531	521	521	528	554	602	680	805
G 90.0	74	67	62	59	58	55	58	59	62	67	74	88	103

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Source Flux	6036 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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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	6816	6816	6816	6816	6816	6816	6816	6816	6816	6816
G 5.0	6703	6746	6703	6664	6631	6601	6578	6561	6552	6549
G 10.0	6569	6653	6569	6493	6426	6370	6327	6297	6278	6273
G 15.0	6413	6537	6413	6301	6205	6125	6063	6020	5995	5990
G 20.0	6234	6396	6234	6091	5969	5868	5790	5735	5706	5700
G 25.0	6038	6236	6038	5866	5721	5599	5506	5442	5404	5396
G 30.0	5824	6063	5824	5623	5457	5317	5210	5140	5100	5092
G 35.0	5595	5866	5595	5367	5179	5024	4909	4831	4787	4778
G 40.0	5351	5658	5351	5094	4885	4719	4594	4509	4463	4454
G 45.0	5092	5433	5092	4808	4578	4402	4271	4181	4133	4124
G 50.0	4804	5185	4804	4499	4259	4067	3929	3839	3788	3778
G 55.0	4484	4899	4484	4159	3906	3711	3569	3474	3423	3413
G 60.0	4126	4578	4126	3782	3520	3321	3178	3085	3038	3028
G 65.0	3715	4198	3715	3353	3083	2890	2751	2658	2612	2606
G 70.0	3221	3738	3221	2856	2597	2414	2284	2199	2157	2149
G 75.0	2637	3173	2637	2286	2046	1875	1762	1696	1661	1653
G 80.0	1923	2444	1923	1611	1413	1278	1191	1140	1118	1114
G 85.0	1012	1404	1012	805	680	602	554	528	521	521
G 90.0	141	252	141	103	88	74	67	62	59	58