

Luminaire

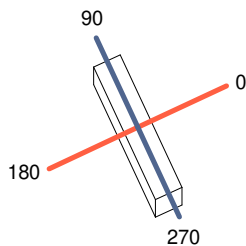
Code 90802L153
Name THS L15W30 LIGHT+ 840 LO

Measurem.

Code 12/7/2023
Name THS L15W30 LIGHT+ 840 LO

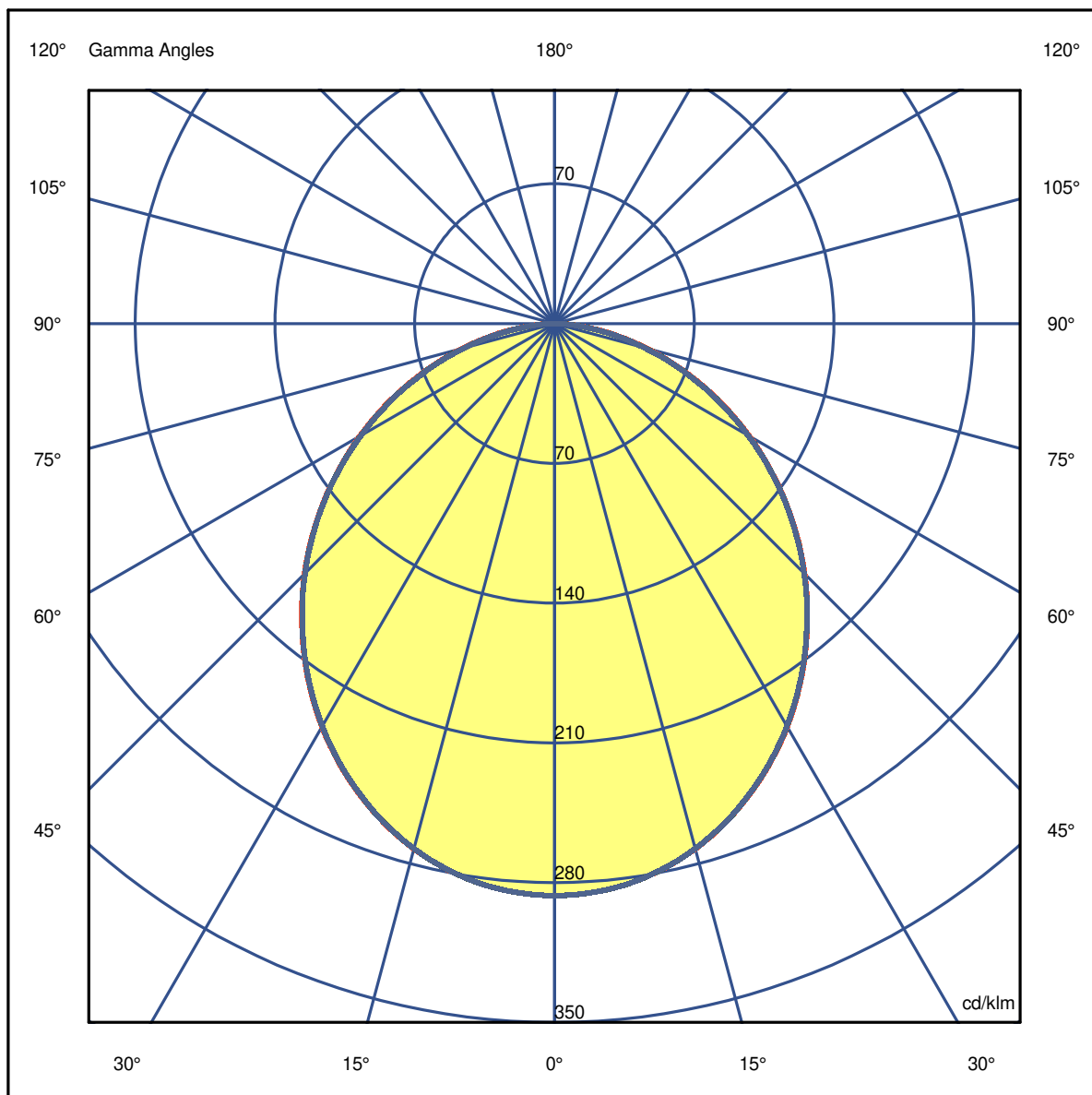
Luminaire Flux	5759 lm	Luminaire Power	42.2 W	Efficacy	136.561 lm/W	Efficiency	76.33%
Source Flux	7545 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



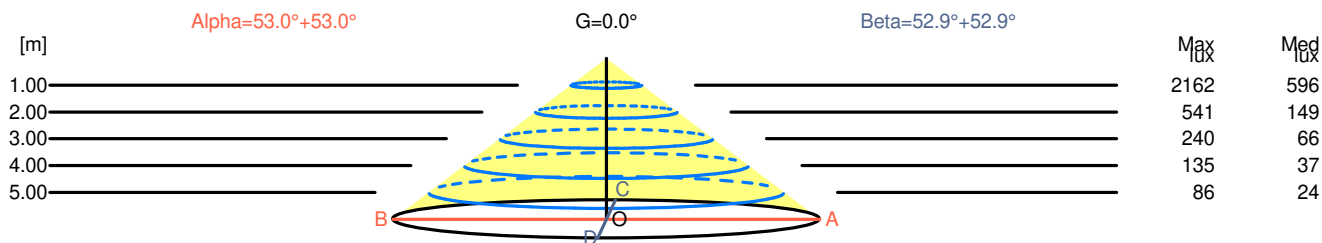
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Width at 50.00 % of Max Intensity

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	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	2162.40	2149.57	2054.50	1873.42	1627.46	1336.22	1014.80	682.82	360.65	87.52
OB	2162.40	2149.57	2054.50	1873.42	1627.46	1336.22	1014.80	682.82	360.65	87.52
OC	2162.40	2149.57	2053.75	1871.91	1625.19	1333.96	1011.78	676.79	352.35	80.73
OD	2162.40	2149.57	2053.75	1871.91	1625.19	1333.96	1011.78	676.79	352.35	80.73



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0
1.00	2.65	2162	596		
2.00	5.31	541	149		
3.00	7.96	240	66		
4.00	10.61	135	37		
5.00	13.26	86	24		

H[m]	D[m]	Max lux	Med lux	Beta=52.9°+52.9°	G=0.0
1.00	2.65	2162	596		
2.00	5.29	541	149		
3.00	7.94	240	66		
4.00	10.58	135	37		
5.00	13.23	86	24		

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Source Flux	7545 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	17.2	18.4	18.6	17.6	18.9	17.9	19.2	19.4
x=2H y=3H	18.0	19.2	18.4	19.5	19.7	19.0	20.2	19.3	20.4	20.7
x=2H y=4H	18.5	19.6	18.8	19.8	20.1	19.5	20.6	19.9	20.9	21.2
x=2H y=6H	18.7	19.7	19.0	20.0	20.3	19.9	20.9	20.2	21.2	21.5
x=2H y=8H	18.7	19.7	19.1	20.0	20.4	20.0	21.0	20.3	21.3	21.6
x=2H y=12H	18.7	19.7	19.1	20.0	20.3	20.0	21.0	20.4	21.3	21.6
x=4H y=2H	17.5	18.6	17.8	18.9	19.2	18.1	19.2	18.4	19.5	19.8
x=4H y=3H	18.8	19.8	19.2	20.1	20.4	19.6	20.6	20.0	20.9	21.2
x=4H y=4H	19.3	20.1	19.7	20.5	20.9	20.2	21.1	20.6	21.4	21.8
x=4H y=6H	19.6	20.4	20.1	20.8	21.2	20.7	21.4	21.1	21.8	22.2
x=4H y=8H	19.7	20.4	20.2	20.8	21.2	20.8	21.5	21.2	21.9	22.3
x=4H y=12H	19.8	20.4	20.2	20.8	21.2	20.9	21.5	21.3	21.9	22.3
x=8H y=4H	19.5	20.2	20.0	20.6	21.0	20.4	21.1	20.8	21.5	21.9
x=8H y=6H	20.0	20.5	20.4	20.9	21.4	20.9	21.4	21.4	21.9	22.3
x=8H y=8H	20.1	20.6	20.5	21.0	21.5	21.1	21.6	21.5	22.0	22.5
x=8H y=12H	20.1	20.5	20.6	21.0	21.5	21.2	21.6	21.7	22.1	22.6
x=12H y=4H	19.5	20.1	20.0	20.6	21.0	20.4	21.0	20.8	21.4	21.8
x=12H y=6H	20.0	20.5	20.4	20.9	21.4	20.9	21.4	21.4	21.8	22.3
x=12H y=8H	20.1	20.5	20.6	21.0	21.5	21.1	21.5	21.6	22.0	22.5

Luminaire

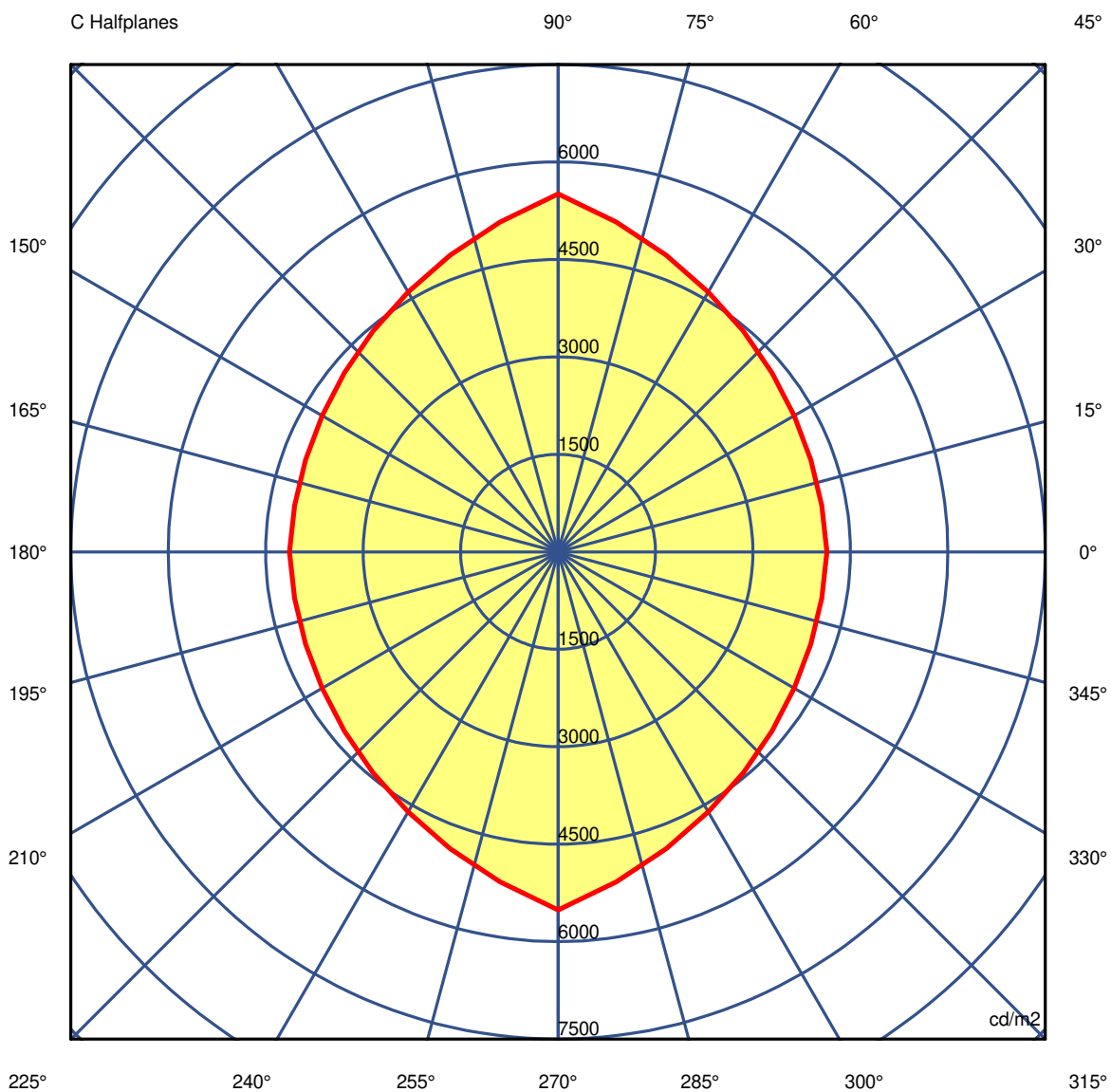
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Luminaire Flux	5759 lm	Luminaire Power	42.2 W	Efficacy	136.561 lm/W	Efficiency	76.33%
Source Flux	7545 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	5759 lm		Luminaire Power		42.2 W		Efficacy		136.561 lm/W		Efficiency		76.33%	
Source Flux	7545 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	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	
G 5.0	6529	6527	6531	6542	6560	6585	6615	6650	6689	6732	6689	6650	6615	
G 10.0	6260	6254	6261	6284	6316	6362	6420	6489	6566	6651	6566	6489	6420	
G 15.0	5984	5973	5982	6011	6059	6125	6208	6307	6420	6545	6420	6307	6208	
G 20.0	5694	5685	5697	5731	5791	5874	5980	6105	6251	6416	6251	6105	5980	
G 25.0	5399	5383	5398	5442	5513	5612	5739	5889	6065	6266	6065	5889	5739	
G 30.0	5100	5081	5096	5144	5221	5335	5482	5654	5860	6104	5860	5654	5482	
G 35.0	4785	4768	4786	4838	4924	5048	5210	5406	5641	5919	5641	5406	5210	
G 40.0	4464	4447	4465	4519	4613	4746	4922	5140	5406	5723	5406	5140	4922	
G 45.0	4138	4118	4136	4194	4293	4434	4621	4861	5157	5510	5157	4861	4621	
G 50.0	3795	3774	3794	3855	3954	4103	4306	4559	4878	5274	4878	4559	4306	
G 55.0	3430	3411	3431	3491	3596	3749	3957	4224	4567	5002	4567	4224	3957	
G 60.0	3043	3027	3046	3104	3207	3362	3575	3853	4218	4695	4218	3853	3575	
G 65.0	2628	2606	2621	2677	2780	2932	3140	3429	3815	4330	3815	3429	3140	
G 70.0	2168	2150	2167	2218	2314	2455	2654	2934	3328	3886	3328	2934	2654	
G 75.0	1670	1655	1670	1713	1789	1913	2100	2362	2747	3338	2747	2362	2100	
G 80.0	1123	1116	1126	1154	1213	1310	1459	1678	2027	2620	2027	1678	1459	
G 85.0	529	523	526	536	566	620	708	849	1088	1564	1088	849	708	
G 90.0	55	58	60	63	68	77	92	111	158	315	158	111	92	

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Source Flux	7545 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	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791	
G 5.0	6585	6560	6542	6531	6527	6529	6527	6531	6542	6560	6585	6615	6650	
G 10.0	6362	6316	6284	6261	6254	6260	6254	6261	6284	6316	6362	6420	6489	
G 15.0	6125	6059	6011	5982	5973	5984	5973	5982	6011	6059	6125	6208	6307	
G 20.0	5874	5791	5731	5697	5685	5694	5685	5697	5731	5791	5874	5980	6105	
G 25.0	5612	5513	5442	5398	5383	5399	5383	5398	5442	5513	5612	5739	5889	
G 30.0	5335	5221	5144	5096	5081	5100	5081	5096	5144	5221	5335	5482	5654	
G 35.0	5048	4924	4838	4786	4768	4785	4768	4786	4838	4924	5048	5210	5406	
G 40.0	4746	4613	4519	4465	4447	4464	4447	4465	4519	4613	4746	4922	5140	
G 45.0	4434	4293	4194	4136	4118	4138	4118	4136	4194	4293	4434	4621	4861	
G 50.0	4103	3954	3855	3794	3774	3795	3774	3794	3855	3954	4103	4306	4559	
G 55.0	3749	3596	3491	3431	3411	3430	3411	3431	3491	3596	3749	3957	4224	
G 60.0	3362	3207	3104	3046	3027	3043	3027	3046	3104	3207	3362	3575	3853	
G 65.0	2932	2780	2677	2621	2606	2628	2606	2621	2677	2780	2932	3140	3429	
G 70.0	2455	2314	2218	2167	2150	2168	2150	2167	2218	2314	2455	2654	2934	
G 75.0	1913	1789	1713	1670	1655	1670	1655	1670	1713	1789	1913	2100	2362	
G 80.0	1310	1213	1154	1126	1116	1123	1116	1126	1154	1213	1310	1459	1678	
G 85.0	620	566	536	526	523	529	523	526	536	566	620	708	849	
G 90.0	77	68	63	60	58	55	58	60	63	68	77	92	111	

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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	6791	6791	6791	6791	6791	6791	6791	6791	6791	6791
G 5.0	6689	6732	6689	6650	6615	6585	6560	6542	6531	6527
G 10.0	6566	6651	6566	6489	6420	6362	6316	6284	6261	6254
G 15.0	6420	6545	6420	6307	6208	6125	6059	6011	5982	5973
G 20.0	6251	6416	6251	6105	5980	5874	5791	5731	5697	5685
G 25.0	6065	6266	6065	5889	5739	5612	5513	5442	5398	5383
G 30.0	5860	6104	5860	5654	5482	5335	5221	5144	5096	5081
G 35.0	5641	5919	5641	5406	5210	5048	4924	4838	4786	4768
G 40.0	5406	5723	5406	5140	4922	4746	4613	4519	4465	4447
G 45.0	5157	5510	5157	4861	4621	4434	4293	4194	4136	4118
G 50.0	4878	5274	4878	4559	4306	4103	3954	3855	3794	3774
G 55.0	4567	5002	4567	4224	3957	3749	3596	3491	3431	3411
G 60.0	4218	4695	4218	3853	3575	3362	3207	3104	3046	3027
G 65.0	3815	4330	3815	3429	3140	2932	2780	2677	2621	2606
G 70.0	3328	3886	3328	2934	2654	2455	2314	2218	2167	2150
G 75.0	2747	3338	2747	2362	2100	1913	1789	1713	1670	1655
G 80.0	2027	2620	2027	1678	1459	1310	1213	1154	1126	1116
G 85.0	1088	1564	1088	849	708	620	566	536	526	523
G 90.0	158	315	158	111	92	77	68	63	60	58