

Luminaire

Code 90802L066

Name THS L60W60 LIGHT+ K3 840 LO

Measurem.

Code 12/7/2023

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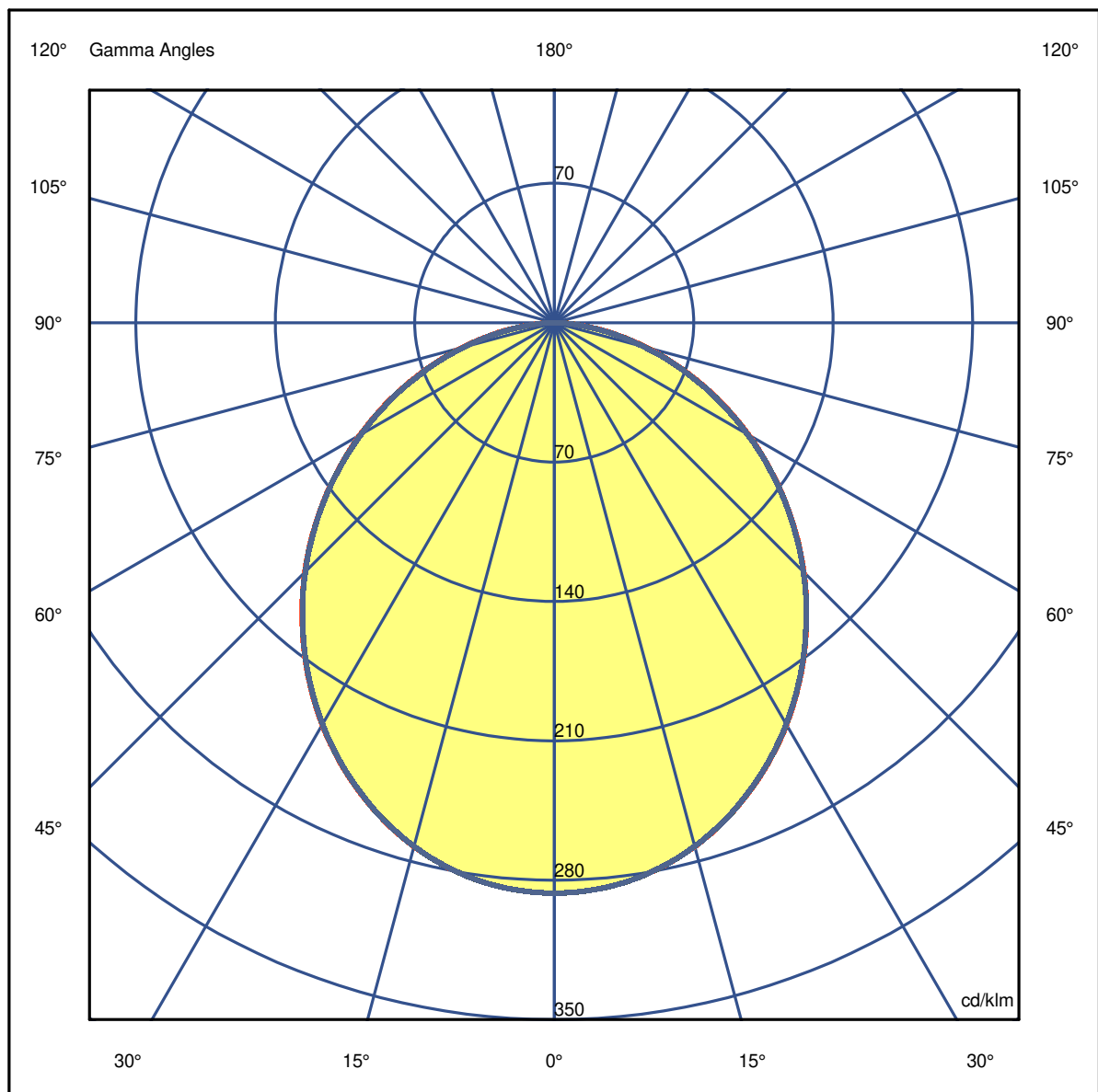
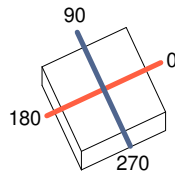
Luminaire Flux	4607 lm	Luminaire Power	33.6 W	Efficacy	137.196 lm/W	Efficiency	76.33%
Source Flux	6036 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

597mm x 597mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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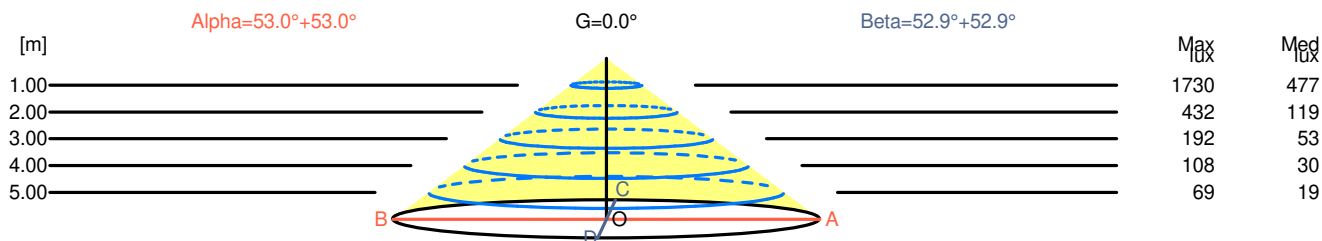
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Source Flux	6036 lm	Maximum value	286.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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										
Room Dimensions	Lateral View					Viewed Endwise				
	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H
x=2H y=2H	17.1	18.4	17.4	18.6	18.9	17.1	18.4	17.4	18.6	18.8
x=2H y=3H	18.4	19.6	18.7	19.8	20.1	18.4	19.5	18.7	19.8	20.1
x=2H y=4H	18.9	20.0	19.2	20.3	20.6	18.8	19.9	19.2	20.2	20.5
x=2H y=6H	19.2	20.2	19.5	20.5	20.8	19.1	20.2	19.5	20.5	20.8
x=2H y=8H	19.3	20.2	19.6	20.6	20.9	19.2	20.2	19.5	20.5	20.8
x=2H y=12H	19.3	20.2	19.6	20.5	20.9	19.2	20.2	19.6	20.5	20.8
x=4H y=2H	17.7	18.8	18.0	19.0	19.3	17.6	18.8	18.0	19.0	19.3
x=4H y=3H	19.1	20.1	19.5	20.4	20.7	19.1	20.1	19.5	20.4	20.7
x=4H y=4H	19.7	20.5	20.1	20.9	21.3	19.7	20.5	20.0	20.8	21.2
x=4H y=6H	20.1	20.8	20.5	21.2	21.6	20.0	20.8	20.5	21.2	21.6
x=4H y=8H	20.2	20.9	20.7	21.3	21.7	20.1	20.8	20.6	21.2	21.6
x=4H y=12H	20.3	20.9	20.7	21.3	21.7	20.2	20.8	20.6	21.2	21.6
x=8H y=4H	19.9	20.6	20.3	21.0	21.4	19.9	20.5	20.3	20.9	21.3
x=8H y=6H	20.4	20.9	20.8	21.4	21.8	20.3	20.9	20.8	21.3	21.8
x=8H y=8H	20.5	21.0	21.0	21.5	21.9	20.5	20.9	20.9	21.4	21.9
x=8H y=12H	20.6	21.0	21.1	21.5	22.0	20.5	21.0	21.0	21.4	21.9
x=12H y=4H	19.9	20.5	20.3	20.9	21.3	19.9	20.5	20.3	20.9	21.3
x=12H y=6H	20.4	20.9	20.9	21.3	21.8	20.3	20.8	20.8	21.3	21.7
x=12H y=8H	20.6	21.0	21.1	21.5	22.0	20.5	20.9	21.0	21.4	21.9

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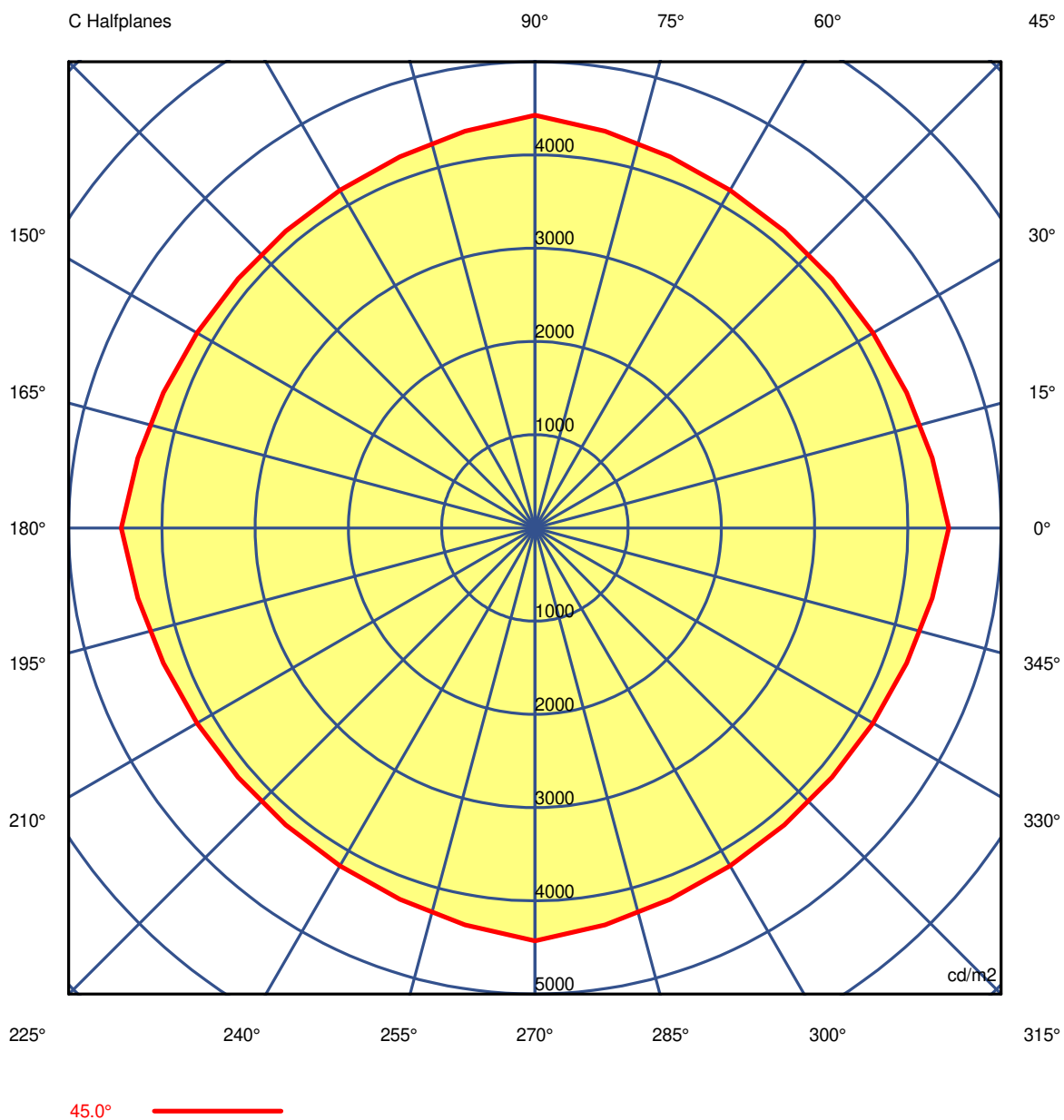
Measurem.

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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



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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	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044
G 5.0	5932	5918	5907	5899	5895	5895	5899	5905	5917	5932	5917	5905	5899
G 10.0	5803	5773	5751	5737	5728	5727	5735	5750	5773	5803	5773	5750	5735
G 15.0	5656	5611	5578	5555	5544	5544	5555	5578	5611	5654	5611	5578	5555
G 20.0	5488	5434	5391	5360	5346	5346	5360	5388	5430	5486	5430	5388	5360
G 25.0	5306	5236	5185	5152	5134	5135	5154	5186	5235	5302	5235	5186	5154
G 30.0	5113	5031	4970	4930	4908	4909	4932	4968	5025	5107	5025	4968	4932
G 35.0	4899	4809	4742	4697	4672	4672	4697	4739	4804	4892	4804	4739	4697
G 40.0	4673	4573	4497	4446	4421	4421	4446	4494	4568	4668	4568	4494	4446
G 45.0	4436	4325	4241	4186	4159	4158	4183	4239	4321	4428	4321	4239	4183
G 50.0	4176	4055	3966	3908	3875	3876	3908	3963	4049	4168	4049	3963	3908
G 55.0	3887	3759	3665	3602	3571	3571	3602	3659	3750	3875	3750	3659	3602
G 60.0	3567	3435	3335	3267	3234	3233	3264	3324	3418	3551	3418	3324	3264
G 65.0	3205	3060	2954	2885	2853	2851	2878	2943	3043	3177	3043	2943	2878
G 70.0	2776	2632	2528	2458	2425	2420	2444	2503	2600	2739	2600	2503	2444
G 75.0	2276	2135	2036	1967	1925	1919	1946	1999	2088	2223	2088	1999	1946
G 80.0	1663	1542	1452	1387	1352	1344	1363	1404	1480	1599	1480	1404	1363
G 85.0	883	796	735	688	663	658	669	698	744	814	744	698	669
G 90.0	111	103	95	89	86	86	89	89	95	111	95	89	89

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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	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044	
G 5.0	5895	5895	5899	5907	5918	5932	5918	5907	5899	5895	5895	5899	5905	
G 10.0	5727	5728	5737	5751	5773	5803	5773	5751	5737	5728	5727	5735	5750	
G 15.0	5544	5544	5555	5578	5611	5656	5611	5578	5555	5544	5544	5555	5578	
G 20.0	5346	5346	5360	5391	5434	5488	5434	5391	5360	5346	5346	5360	5388	
G 25.0	5135	5134	5152	5185	5236	5306	5236	5185	5152	5134	5135	5154	5186	
G 30.0	4909	4908	4930	4970	5031	5113	5031	4970	4930	4908	4909	4932	4968	
G 35.0	4672	4672	4697	4742	4809	4899	4809	4742	4697	4672	4672	4697	4739	
G 40.0	4421	4421	4446	4497	4573	4673	4573	4497	4446	4421	4421	4446	4494	
G 45.0	4158	4159	4186	4241	4325	4436	4325	4241	4186	4159	4158	4183	4239	
G 50.0	3876	3875	3908	3966	4055	4176	4055	3966	3908	3875	3876	3908	3963	
G 55.0	3571	3571	3602	3665	3759	3887	3759	3665	3602	3571	3571	3602	3659	
G 60.0	3233	3234	3267	3335	3435	3567	3435	3335	3267	3234	3233	3264	3324	
G 65.0	2851	2853	2885	2954	3060	3205	3060	2954	2885	2853	2851	2878	2943	
G 70.0	2420	2425	2458	2528	2632	2776	2632	2528	2458	2425	2420	2444	2503	
G 75.0	1919	1925	1967	2036	2135	2276	2135	2036	1967	1925	1919	1946	1999	
G 80.0	1344	1352	1387	1452	1542	1663	1542	1452	1387	1352	1344	1363	1404	
G 85.0	658	663	688	735	796	883	796	735	688	663	658	669	698	
G 90.0	86	86	89	95	103	111	103	95	89	86	86	89	89	

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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 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	6044	6044	6044	6044	6044	6044	6044	6044	6044	6044
G 5.0	5917	5932	5917	5905	5899	5895	5895	5899	5907	5918
G 10.0	5773	5803	5773	5750	5735	5727	5728	5737	5751	5773
G 15.0	5611	5654	5611	5578	5555	5544	5544	5555	5578	5611
G 20.0	5430	5486	5430	5388	5360	5346	5346	5360	5391	5434
G 25.0	5235	5302	5235	5186	5154	5135	5134	5152	5185	5236
G 30.0	5025	5107	5025	4968	4932	4909	4908	4930	4970	5031
G 35.0	4804	4892	4804	4739	4697	4672	4672	4697	4742	4809
G 40.0	4568	4668	4568	4494	4446	4421	4421	4446	4497	4573
G 45.0	4321	4428	4321	4239	4183	4158	4159	4186	4241	4325
G 50.0	4049	4168	4049	3963	3908	3876	3875	3908	3966	4055
G 55.0	3750	3875	3750	3659	3602	3571	3571	3602	3665	3759
G 60.0	3418	3551	3418	3324	3264	3233	3234	3267	3335	3435
G 65.0	3043	3177	3043	2943	2878	2851	2853	2885	2954	3060
G 70.0	2600	2739	2600	2503	2444	2420	2425	2458	2528	2632
G 75.0	2088	2223	2088	1999	1946	1919	1925	1967	2036	2135
G 80.0	1480	1599	1480	1404	1363	1344	1352	1387	1452	1542
G 85.0	744	814	744	698	669	658	663	688	735	796
G 90.0	95	111	95	89	89	86	86	89	95	103