

Luminaire

Code 90551L060

Name TTP 70 COLOUR L0620 TOP 840 LO

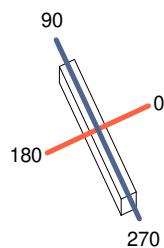
Measurem.

Code 3/7/2023

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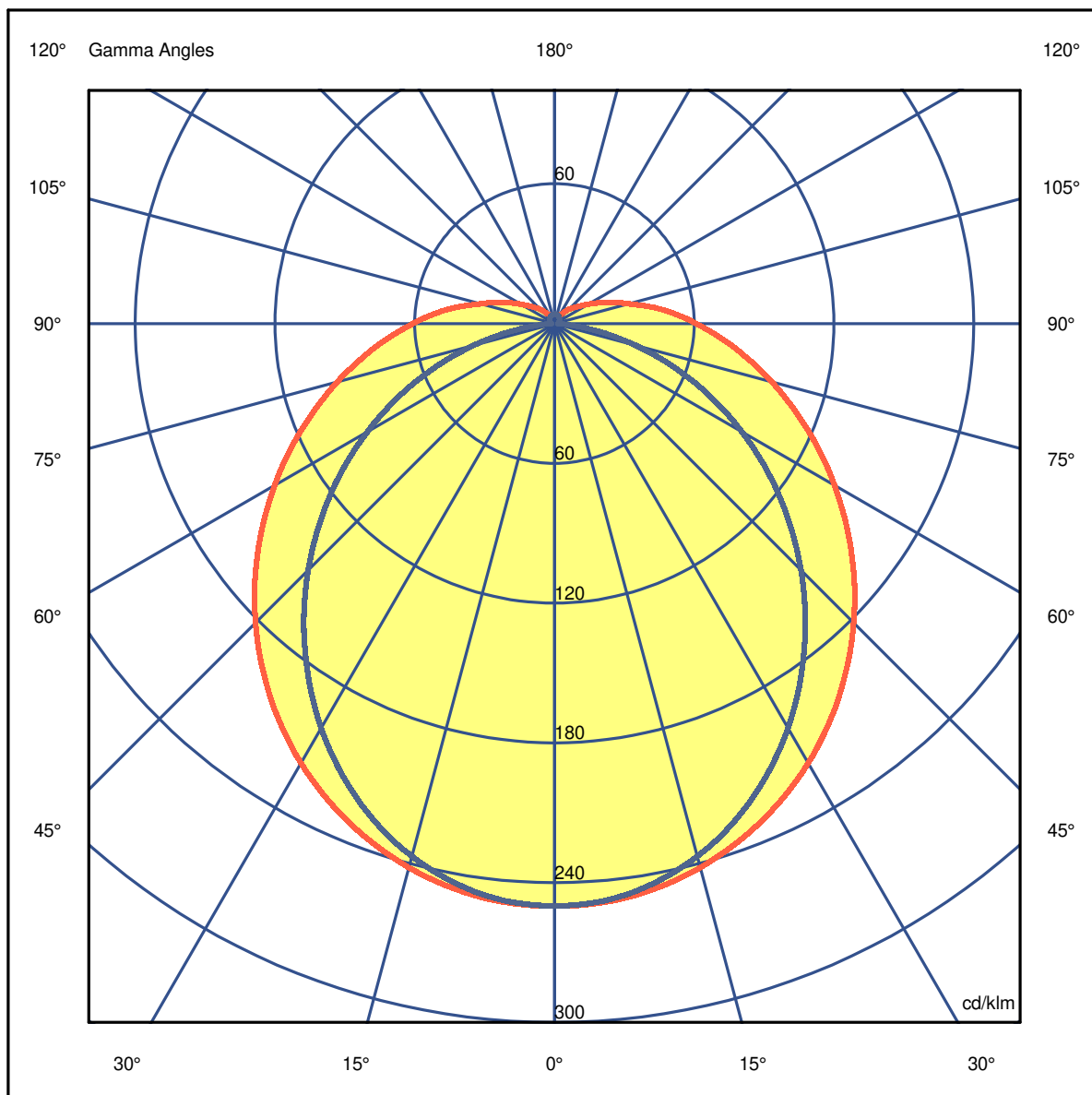
Luminaire Flux	1688 lm	Luminaire Power	11.7 W	Efficacy	143.913 lm/W	Efficiency	85.86%
Source Flux	1966 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

620mm x 70mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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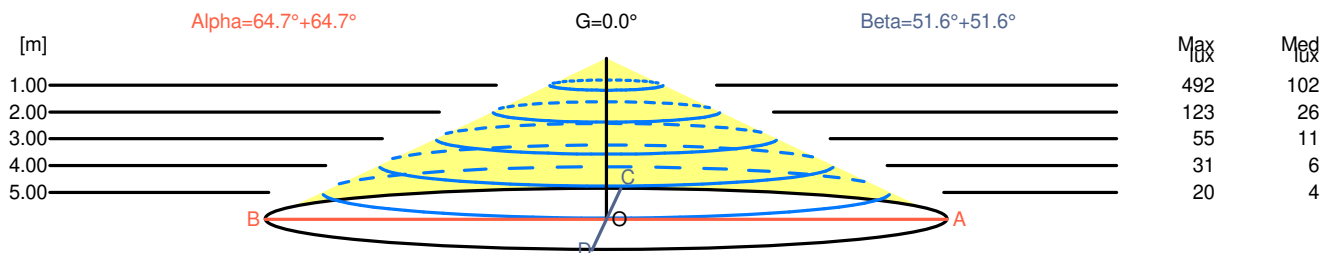
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Source Flux	1966 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	2.12	4.24	6.36	8.48	10.60	OC	1.26	2.52	3.79	5.05	6.31
OB	2.12	4.24	6.36	8.48	10.60	OD	1.26	2.52	3.79	5.05	6.31

	0	5	15	25	35	45	55	65	75	85
OA	491.70	490.12	475.18	446.87	406.77	357.03	301.39	244.37	189.92	141.16
OB	491.70	490.12	475.18	446.87	406.77	357.03	301.39	244.37	189.92	141.16
OC	491.70	488.75	465.35	421.90	362.73	294.11	220.59	144.70	70.58	11.99
OD	491.70	488.75	465.35	421.90	362.73	294.11	220.59	144.70	70.58	11.99



H[m]	D[m]	Max lux	Med lux	Alpha=64.7°+64.7°	G=0.0	
1.00	4.24	492	102			
2.00	8.48	123	26			
3.00	12.72	55	11			
4.00	16.96	31	6			
5.00	21.20	20	4			

H[m]	D[m]	Max lux	Med lux	Beta=51.6°+51.6°	G=0.0	
1.00	2.52	492	102			
2.00	5.05	123	26			
3.00	7.57	55	11			
4.00	10.10	31	6			
5.00	12.62	20	4			

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Source Flux	1966 lm	Maximum value	250.10 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	17.9	19.2	18.3	19.6	20.0	17.7	18.9	18.1	19.3	19.8
x=2H y=3H	19.7	20.8	20.1	21.2	21.7	18.9	20.1	19.4	20.5	21.0
x=2H y=4H	20.5	21.6	20.9	22.0	22.5	19.4	20.5	19.8	20.9	21.4
x=2H y=6H	21.2	22.3	21.7	22.7	23.2	19.6	20.6	20.1	21.1	21.6
x=2H y=8H	21.6	22.6	22.1	23.1	23.6	19.7	20.7	20.2	21.1	21.6
x=2H y=12H	21.9	22.9	22.4	23.3	23.9	19.7	20.6	20.2	21.1	21.6
x=4H y=2H	18.4	19.5	18.9	20.0	20.5	18.2	19.3	18.7	19.8	20.2
x=4H y=3H	20.4	21.3	20.9	21.8	22.3	19.7	20.6	20.2	21.1	21.6
x=4H y=4H	21.4	22.2	21.9	22.7	23.3	20.2	21.1	20.8	21.6	22.1
x=4H y=6H	22.3	23.1	22.9	23.6	24.2	20.6	21.4	21.2	21.9	22.5
x=4H y=8H	22.8	23.5	23.3	24.0	24.6	20.7	21.4	21.3	21.9	22.5
x=4H y=12H	23.2	23.8	23.8	24.4	25.0	20.7	21.4	21.3	21.9	22.6
x=8H y=4H	21.6	22.3	22.2	22.9	23.5	20.6	21.3	21.2	21.9	22.5
x=8H y=6H	22.8	23.4	23.4	23.9	24.6	21.2	21.8	21.8	22.3	23.0
x=8H y=8H	23.4	23.9	24.0	24.5	25.1	21.4	21.9	22.0	22.5	23.1
x=8H y=12H	24.0	24.4	24.6	25.0	25.7	21.5	21.9	22.1	22.5	23.2
x=12H y=4H	21.6	22.3	22.2	22.8	23.4	20.7	21.3	21.3	21.9	22.5
x=12H y=6H	22.8	23.4	23.5	24.0	24.6	21.3	21.9	22.0	22.4	23.1
x=12H y=8H	23.5	23.9	24.1	24.6	25.2	21.6	22.0	22.2	22.7	23.3

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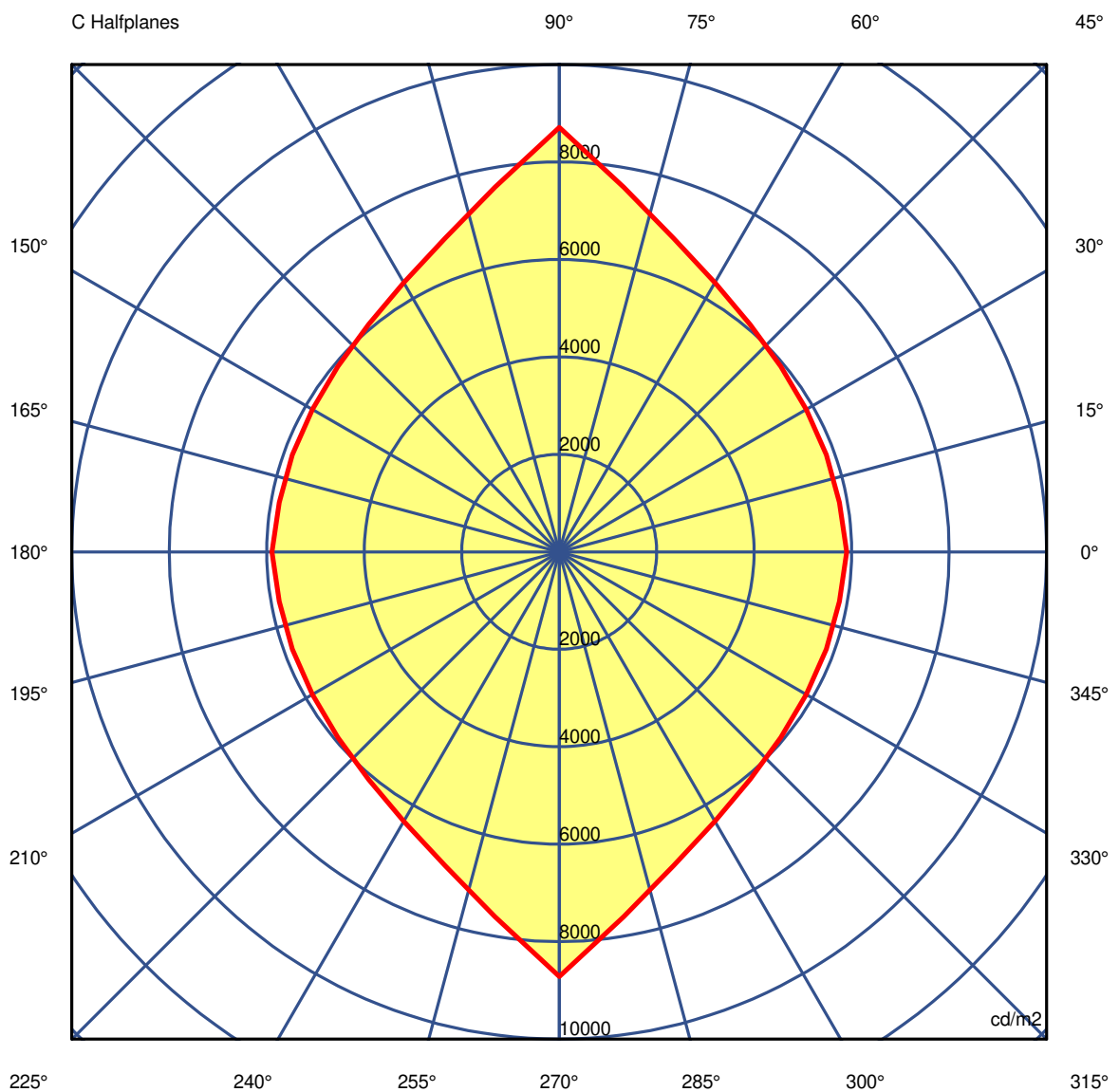
Measurem.

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Luminaire Flux	1688 lm	Luminaire Power	11.7 W	Efficacy	143.913 lm/W	Efficiency	85.86%
Source Flux	1966 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	1688 lm	Luminaire Power		11.7 W		Efficacy		143.913 lm/W		Efficiency		85.86%	
Source Flux	1966 lm	Maximum value		250.10 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	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478
G 5.0	10561	10544	10562	10609	10679	10770	10882	11019	11172	11339	11172	11019	10882
G 10.0	9761	9740	9768	9843	9960	10113	10305	10543	10826	11146	10826	10543	10305
G 15.0	9057	9036	9070	9156	9294	9487	9739	10059	10451	10911	10451	10059	9739
G 20.0	8421	8400	8432	8517	8667	8883	9174	9559	10047	10638	10047	9559	9174
G 25.0	7849	7815	7844	7929	8076	8296	8609	9036	9602	10316	9602	9036	8609
G 30.0	7317	7275	7295	7370	7510	7730	8052	8507	9137	9967	9137	8507	8052
G 35.0	6818	6769	6777	6836	6962	7171	7491	7964	8644	9570	8644	7964	7491
G 40.0	6342	6291	6291	6333	6441	6629	6933	7412	8135	9161	8135	7412	6933
G 45.0	5893	5836	5827	5852	5928	6091	6380	6853	7600	8713	7600	6853	6380
G 50.0	5466	5402	5379	5385	5439	5571	5823	6271	7033	8237	7033	6271	5823
G 55.0	5051	4988	4958	4942	4966	5063	5278	5687	6441	7717	6441	5687	5278
G 60.0	4663	4594	4549	4513	4514	4568	4721	5073	5796	7109	5796	5073	4721
G 65.0	4292	4219	4169	4118	4082	4088	4178	4435	5082	6418	5082	4435	4178
G 70.0	3939	3866	3810	3741	3679	3637	3641	3771	4287	5564	4287	3771	3641
G 75.0	3620	3545	3481	3394	3300	3209	3129	3096	3397	4461	3397	3096	3129
G 80.0	3316	3243	3174	3073	2952	2813	2638	2431	2444	3062	2444	2431	2638
G 85.0	3042	2960	2885	2776	2633	2448	2194	1839	1536	1392	1536	1839	2194
G 90.0	2795	2718	2638	2515	2357	2146	1839	1377	931	522	931	1377	1839

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Source Flux		1966 lm		Maximum value		250.10 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	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478
G 5.0	10770	10679	10609	10562	10544	10561	10544	10562	10609	10679	10770	10882	11019												
G 10.0	10113	9960	9843	9768	9740	9761	9740	9768	9843	9960	10113	10305	10543												
G 15.0	9487	9294	9156	9070	9036	9057	9036	9070	9156	9294	9487	9739	10059												
G 20.0	8883	8667	8517	8432	8400	8421	8400	8432	8517	8667	8883	9174	9559												
G 25.0	8296	8076	7929	7844	7815	7849	7815	7844	7929	8076	8296	8609	9036												
G 30.0	7730	7510	7370	7295	7275	7317	7275	7295	7370	7510	7730	8052	8507												
G 35.0	7171	6962	6836	6777	6769	6818	6769	6777	6836	6962	7171	7491	7964												
G 40.0	6629	6441	6333	6291	6291	6342	6291	6291	6333	6441	6629	6933	7412												
G 45.0	6091	5928	5852	5827	5836	5893	5836	5827	5852	5928	6091	6380	6853												
G 50.0	5571	5439	5385	5379	5402	5466	5402	5379	5385	5439	5571	5823	6271												
G 55.0	5063	4966	4942	4958	4988	5051	4988	4958	4942	4966	5063	5278	5687												
G 60.0	4568	4514	4513	4549	4594	4663	4594	4549	4513	4514	4568	4721	5073												
G 65.0	4088	4082	4118	4169	4219	4292	4219	4169	4118	4082	4088	4178	4435												
G 70.0	3637	3679	3741	3810	3866	3939	3866	3810	3741	3679	3637	3641	3771												
G 75.0	3209	3300	3394	3481	3545	3620	3545	3481	3394	3300	3209	3129	3096												
G 80.0	2813	2952	3073	3174	3243	3316	3243	3174	3073	2952	2813	2638	2431												
G 85.0	2448	2633	2776	2885	2960	3042	2960	2885	2776	2633	2448	2194	1839												
G 90.0	2146	2357	2515	2638	2718	2795	2718	2638	2515	2357	2146	1839	1377												

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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	11478	11478	11478	11478	11478	11478	11478	11478	11478	11478
G 5.0	11172	11339	11172	11019	10882	10770	10679	10609	10562	10544
G 10.0	10826	11146	10826	10543	10305	10113	9960	9843	9768	9740
G 15.0	10451	10911	10451	10059	9739	9487	9294	9156	9070	9036
G 20.0	10047	10638	10047	9559	9174	8883	8667	8517	8432	8400
G 25.0	9602	10316	9602	9036	8609	8296	8076	7929	7844	7815
G 30.0	9137	9967	9137	8507	8052	7730	7510	7370	7295	7275
G 35.0	8644	9570	8644	7964	7491	7171	6962	6836	6777	6769
G 40.0	8135	9161	8135	7412	6933	6629	6441	6333	6291	6291
G 45.0	7600	8713	7600	6853	6380	6091	5928	5852	5827	5836
G 50.0	7033	8237	7033	6271	5823	5571	5439	5385	5379	5402
G 55.0	6441	7717	6441	5687	5278	5063	4966	4942	4958	4988
G 60.0	5796	7109	5796	5073	4721	4568	4514	4513	4549	4594
G 65.0	5082	6418	5082	4435	4178	4088	4082	4118	4169	4219
G 70.0	4287	5564	4287	3771	3641	3637	3679	3741	3810	3866
G 75.0	3397	4461	3397	3096	3129	3209	3300	3394	3481	3545
G 80.0	2444	3062	2444	2431	2638	2813	2952	3073	3174	3243
G 85.0	1536	1392	1536	1839	2194	2448	2633	2776	2885	2960
G 90.0	931	522	931	1377	1839	2146	2357	2515	2638	2718