

Luminaire

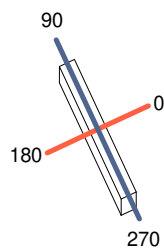
Code 90474L060
Name TTP 70 L0620 TOP 830 HO

Measurem.

Code 3/7/2023
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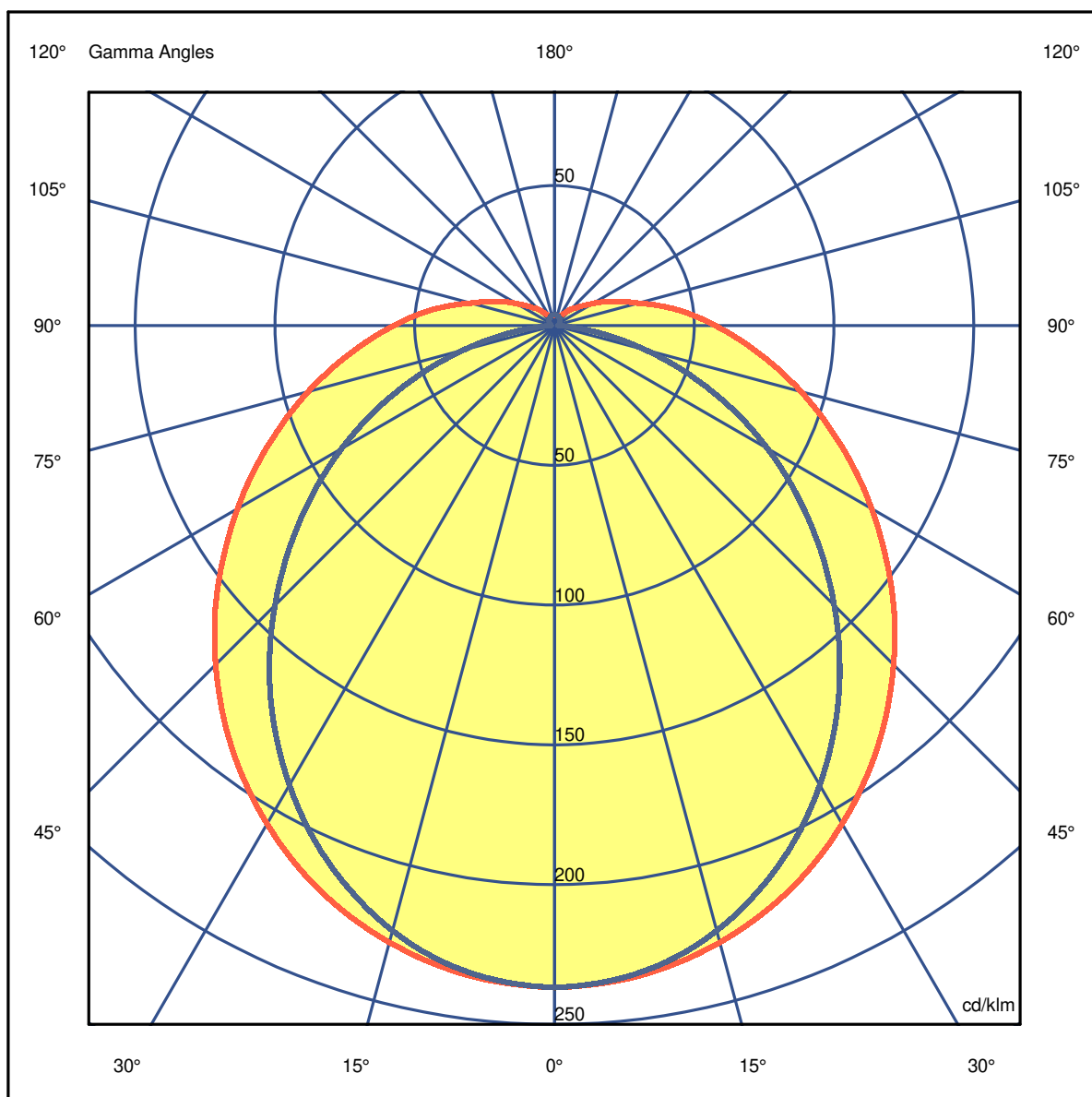
Luminaire Flux	3369 lm	Luminaire Power	26.3 W	Efficacy	127.962 lm/W	Efficiency	81.26%
Source Flux	4146 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

620mm x 70mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



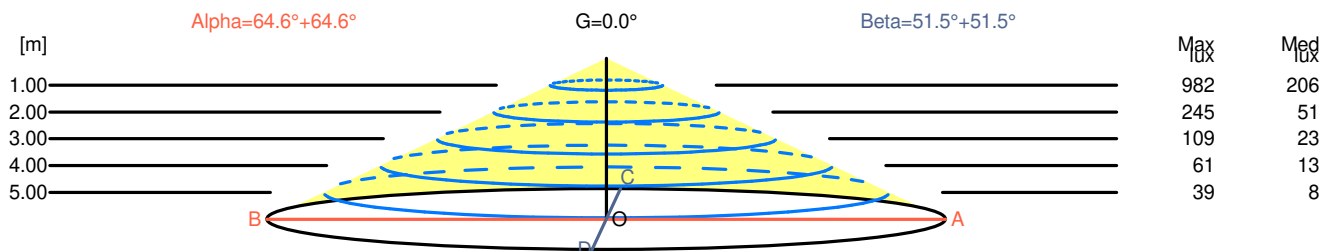
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Width at 50.00 % of Max Intensity

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	2.11	4.22	6.33	8.44	10.55	OC	1.26	2.52	3.78	5.04	6.30
OB	2.11	4.22	6.33	8.44	10.55	OD	1.26	2.52	3.78	5.04	6.30

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	981.77	976.80	946.95	890.98	810.54	711.04	599.93	486.74	378.53	280.68
OB	981.77	976.80	946.95	890.98	810.54	711.04	599.93	486.74	378.53	280.68
OC	981.77	974.72	929.12	842.47	725.14	586.66	439.48	288.98	140.13	24.05
OD	981.77	974.72	929.12	842.47	725.14	586.66	439.48	288.98	140.13	24.05



H[m]	D[m]	Max lux	Med lux	Alpha=64.6°+64.6°	G=0.0	
1.00	4.22	982	206			
2.00	8.44	245	51			
3.00	12.65	109	23			
4.00	16.87	61	13			
5.00	21.09	39	8			

H[m]	D[m]	Max lux	Med lux	Beta=51.5°+51.5°	G=0.0	
1.00	2.52	982	206			
2.00	5.04	245	51			
3.00	7.56	109	23			
4.00	10.07	61	13			
5.00	12.59	39	8			

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Source Flux	4146 lm	Maximum value	236.80 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	20.3	21.6	20.8	22.0	22.4	20.1	21.4	20.5	21.8	22.2
x=2H y=3H	22.0	23.2	22.5	23.6	24.1	21.3	22.5	21.8	22.9	23.4
x=2H y=4H	22.9	24.0	23.3	24.4	24.9	21.8	22.9	22.2	23.3	23.8
x=2H y=6H	23.6	24.7	24.1	25.1	25.6	22.0	23.0	22.5	23.5	24.0
x=2H y=8H	24.0	25.0	24.5	25.5	26.0	22.1	23.1	22.6	23.5	24.0
x=2H y=12H	24.3	25.3	24.8	25.8	26.3	22.1	23.0	22.6	23.5	24.0
x=4H y=2H	20.8	22.0	21.3	22.4	22.9	20.6	21.7	21.1	22.2	22.6
x=4H y=3H	22.8	23.7	23.3	24.2	24.8	22.1	23.0	22.6	23.5	24.0
x=4H y=4H	23.8	24.6	24.3	25.1	25.7	22.7	23.5	23.2	24.0	24.6
x=4H y=6H	24.7	25.5	25.3	26.0	26.6	23.0	23.8	23.6	24.3	24.9
x=4H y=8H	25.2	25.9	25.7	26.4	27.0	23.1	23.8	23.7	24.3	25.0
x=4H y=12H	25.6	26.2	26.2	26.8	27.4	23.1	23.8	23.7	24.3	24.9
x=8H y=4H	24.0	24.7	24.6	25.3	25.9	23.0	23.7	23.6	24.3	24.9
x=8H y=6H	25.2	25.8	25.8	26.3	27.0	23.6	24.1	24.2	24.7	25.4
x=8H y=8H	25.8	26.3	26.4	26.9	27.5	23.8	24.3	24.4	24.9	25.5
x=8H y=12H	26.4	26.8	27.0	27.4	28.1	23.9	24.3	24.5	24.9	25.6
x=12H y=4H	24.0	24.7	24.6	25.2	25.8	23.1	23.7	23.7	24.3	24.9
x=12H y=6H	25.2	25.8	25.9	26.4	27.0	23.7	24.3	24.3	24.8	25.5
x=12H y=8H	25.9	26.4	26.5	27.0	27.7	24.0	24.4	24.6	25.1	25.7

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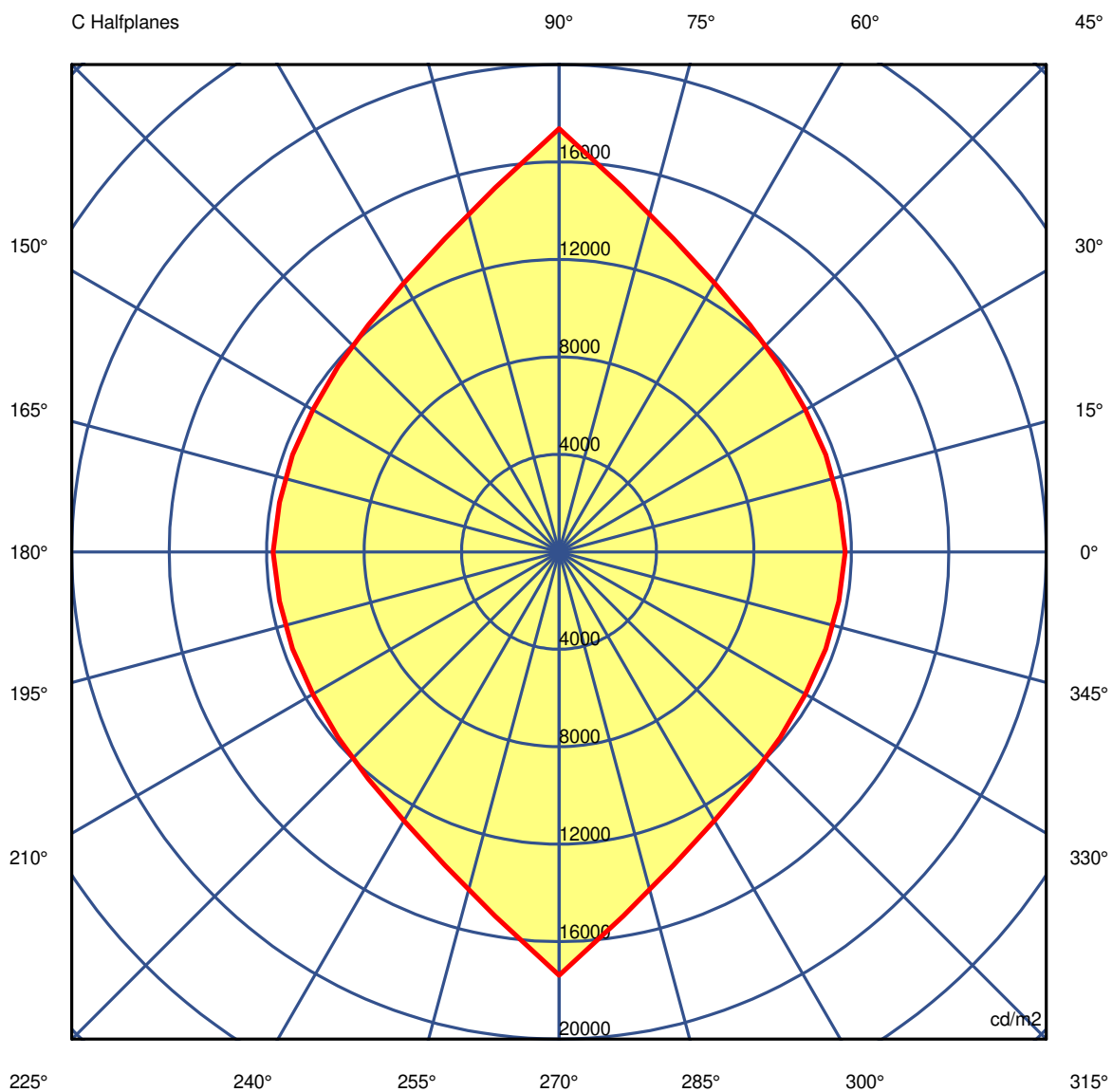
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Source Flux	4146 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	4146 lm		Maximum value		236.80 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	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	
G 5.0	21047	21065	21099	21169	21325	21520	21739	22013	22311	22613	22311	22013	21739	
G 10.0	19457	19460	19526	19658	19880	20195	20594	21072	21628	22252	21628	21072	20594	
G 15.0	18048	18050	18126	18281	18556	18945	19451	20094	20876	21786	20876	20094	19451	
G 20.0	16800	16764	16837	16998	17313	17752	18323	19087	20055	21218	20055	19087	18323	
G 25.0	15650	15609	15667	15825	16129	16580	17203	18056	19184	20600	19184	18056	17203	
G 30.0	14580	14533	14577	14710	14995	15450	16100	16994	18239	19896	18239	16994	16100	
G 35.0	13585	13508	13536	13656	13907	14325	14965	15917	17280	19131	17280	15917	14965	
G 40.0	12640	12566	12568	12636	12843	13231	13855	14812	16252	18305	16252	14812	13855	
G 45.0	11736	11663	11644	11671	11841	12177	12745	13689	15178	17379	15178	13689	12745	
G 50.0	10888	10792	10748	10739	10855	11132	11640	12526	14034	16417	14034	12526	11640	
G 55.0	10055	9955	9897	9854	9908	10110	10530	11313	12803	15374	12803	11313	10530	
G 60.0	9281	9166	9088	9011	9004	9125	9452	10142	11569	14200	11569	10142	9452	
G 65.0	8550	8429	8331	8215	8150	8171	8349	8869	10162	12817	10162	8869	8349	
G 70.0	7853	7724	7611	7465	7340	7267	7283	7523	8530	11067	8530	7523	7283	
G 75.0	7214	7081	6953	6771	6582	6402	6240	6189	6786	8858	6786	6189	6240	
G 80.0	6600	6473	6333	6122	5895	5622	5260	4849	4871	6051	4871	4849	5260	
G 85.0	6048	5910	5765	5536	5251	4890	4387	3672	3061	2791	3061	3672	4387	
G 90.0	5565	5431	5274	5021	4702	4276	3651	2737	1858	1015	1858	2737	3651	

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Source Flux	4146 lm		Maximum value		236.80 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	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917	
G 5.0	21520	21325	21169	21099	21065	21047	21065	21099	21169	21325	21520	21739	22013	
G 10.0	20195	19880	19658	19526	19460	19457	19460	19526	19658	19880	20195	20594	21072	
G 15.0	18945	18556	18281	18126	18050	18048	18050	18126	18281	18556	18945	19451	20094	
G 20.0	17752	17313	16998	16837	16764	16800	16764	16837	16998	17313	17752	18323	19087	
G 25.0	16580	16129	15825	15667	15609	15650	15609	15667	15825	16129	16580	17203	18056	
G 30.0	15450	14995	14710	14577	14533	14580	14533	14577	14710	14995	15450	16100	16994	
G 35.0	14325	13907	13656	13536	13508	13585	13508	13536	13656	13907	14325	14965	15917	
G 40.0	13231	12843	12636	12568	12566	12640	12566	12568	12636	12843	13231	13855	14812	
G 45.0	12177	11841	11671	11644	11663	11736	11663	11644	11671	11841	12177	12745	13689	
G 50.0	11132	10855	10739	10748	10792	10888	10792	10748	10739	10855	11132	11640	12526	
G 55.0	10110	9908	9854	9897	9955	10055	9955	9897	9854	9908	10110	10530	11313	
G 60.0	9125	9004	9011	9088	9166	9281	9166	9088	9011	9004	9125	9452	10142	
G 65.0	8171	8150	8215	8331	8429	8550	8429	8331	8215	8150	8171	8349	8869	
G 70.0	7267	7340	7465	7611	7724	7853	7724	7611	7465	7340	7267	7283	7523	
G 75.0	6402	6582	6771	6953	7081	7214	7081	6953	6771	6582	6402	6240	6189	
G 80.0	5622	5895	6122	6333	6473	6600	6473	6333	6122	5895	5622	5260	4849	
G 85.0	4890	5251	5536	5765	5910	6048	5910	5765	5536	5251	4890	4387	3672	
G 90.0	4276	4702	5021	5274	5431	5565	5431	5274	5021	4702	4276	3651	2737	

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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	22917	22917	22917	22917	22917	22917	22917	22917	22917	22917
G 5.0	22311	22613	22311	22013	21739	21520	21325	21169	21099	21065
G 10.0	21628	22252	21628	21072	20594	20195	19880	19658	19526	19460
G 15.0	20876	21786	20876	20094	19451	18945	18556	18281	18126	18050
G 20.0	20055	21218	20055	19087	18323	17752	17313	16998	16837	16764
G 25.0	19184	20600	19184	18056	17203	16580	16129	15825	15667	15609
G 30.0	18239	19896	18239	16994	16100	15450	14995	14710	14577	14533
G 35.0	17280	19131	17280	15917	14965	14325	13907	13656	13536	13508
G 40.0	16252	18305	16252	14812	13855	13231	12843	12636	12568	12566
G 45.0	15178	17379	15178	13689	12745	12177	11841	11671	11644	11663
G 50.0	14034	16417	14034	12526	11640	11132	10855	10739	10748	10792
G 55.0	12803	15374	12803	11313	10530	10110	9908	9854	9897	9955
G 60.0	11569	14200	11569	10142	9452	9125	9004	9011	9088	9166
G 65.0	10162	12817	10162	8869	8349	8171	8150	8215	8331	8429
G 70.0	8530	11067	8530	7523	7283	7267	7340	7465	7611	7724
G 75.0	6786	8858	6786	6189	6240	6402	6582	6771	6953	7081
G 80.0	4871	6051	4871	4849	5260	5622	5895	6122	6333	6473
G 85.0	3061	2791	3061	3672	4387	4890	5251	5536	5765	5910
G 90.0	1858	1015	1858	2737	3651	4276	4702	5021	5274	5431