

Luminaire

Code 90551L060

Name TTP 70 COLOUR L0620 TOP 830 LO

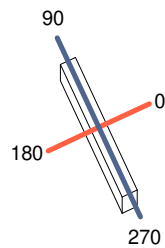
Measurem.

Code 3/7/2023

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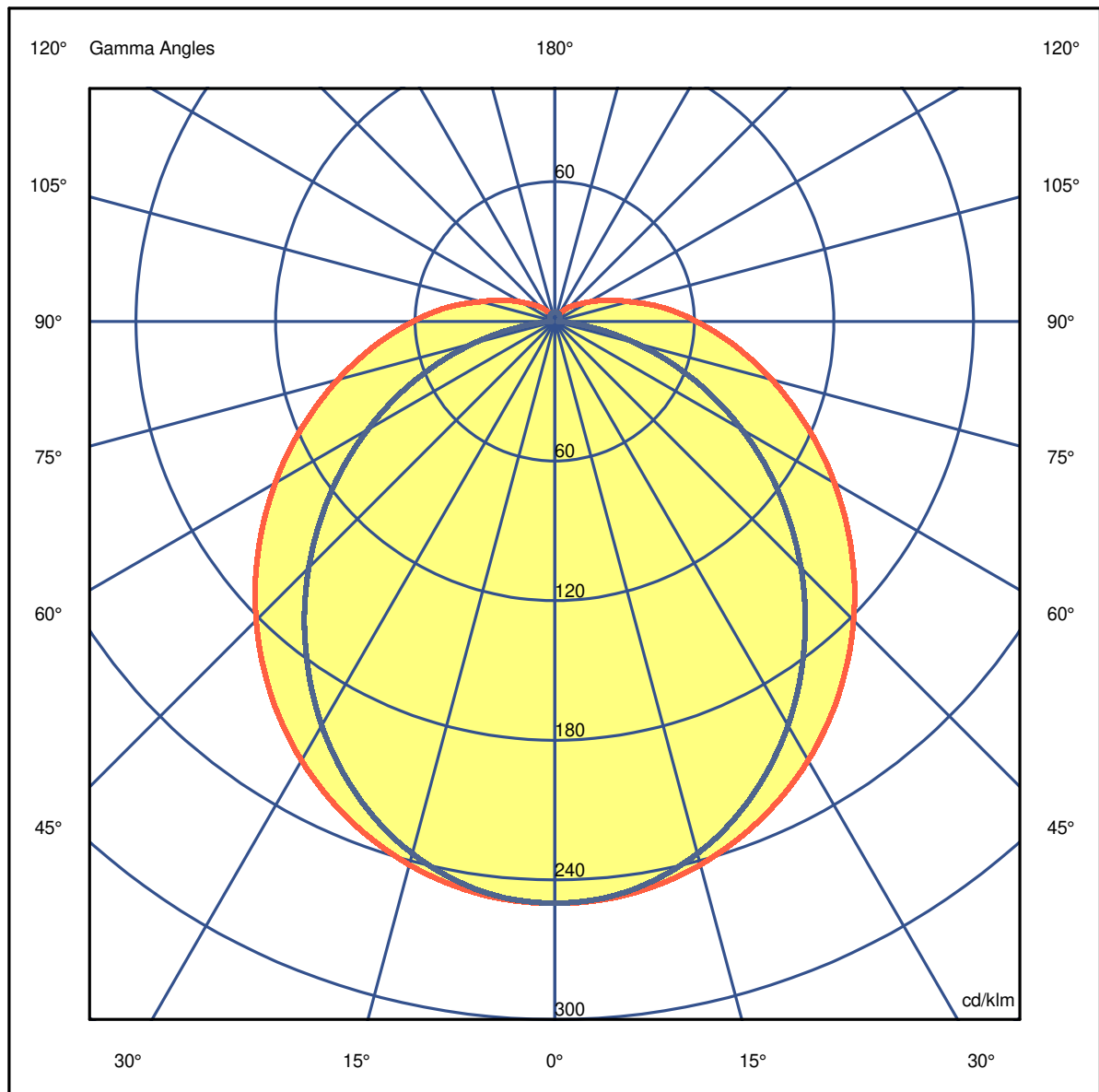
Luminaire Flux	1618 lm	Luminaire Power	11.7 W	Efficacy	137.911 lm/W	Efficiency	85.86%
Source Flux	1884 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

620mm x 70mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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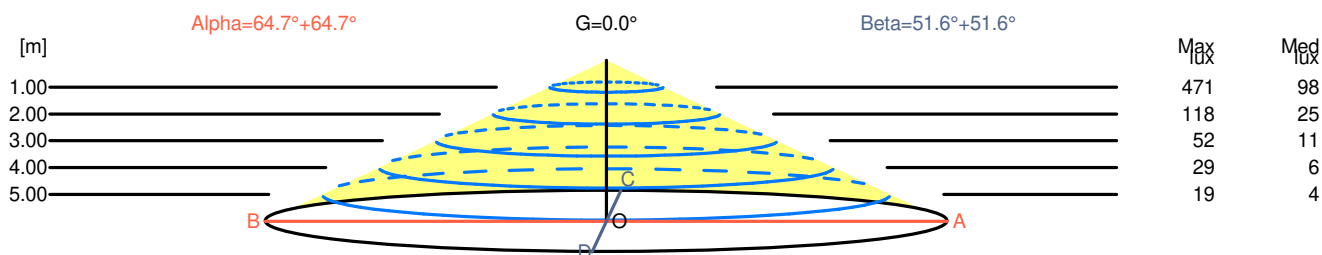
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Source Flux	1884 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	471.19	469.68	455.36	428.23	389.80	342.13	288.82	234.18	181.99	135.27
OB	471.19	469.68	455.36	428.23	389.80	342.13	288.82	234.18	181.99	135.27
OC	471.19	468.36	445.94	404.31	347.60	281.85	211.38	138.66	67.64	11.49
OD	471.19	468.36	445.94	404.31	347.60	281.85	211.38	138.66	67.64	11.49



H[m]	D[m]	Max lux	Med lux	Alpha=64.7°+64.7°	G=0.0	
1.00	4.24	471	98			
2.00	8.48	118	25			
3.00	12.72	52	11			
4.00	16.96	29	6			
5.00	21.20	19	4			

H[m]	D[m]	Max lux	Med lux	Beta=51.6°+51.6°	G=0.0	
1.00	2.52	471	98			
2.00	5.05	118	25			
3.00	7.57	52	11			
4.00	10.10	29	6			
5.00	12.62	19	4			

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Source Flux	1884 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	17.8	19.0	18.2	19.4	19.9	17.5	18.8	17.9	19.2	19.6
x=2H y=3H	19.5	20.7	20.0	21.1	21.5	18.8	19.9	19.2	20.4	20.8
x=2H y=4H	20.3	21.4	20.8	21.8	22.3	19.2	20.3	19.7	20.8	21.2
x=2H y=6H	21.1	22.1	21.6	22.6	23.1	19.5	20.5	20.0	21.0	21.5
x=2H y=8H	21.4	22.4	21.9	22.9	23.4	19.5	20.5	20.0	21.0	21.5
x=2H y=12H	21.8	22.7	22.3	23.2	23.7	19.5	20.5	20.0	20.9	21.5
x=4H y=2H	18.3	19.4	18.8	19.8	20.3	18.1	19.2	18.5	19.6	20.1
x=4H y=3H	20.2	21.2	20.7	21.7	22.2	19.5	20.5	20.0	21.0	21.5
x=4H y=4H	21.2	22.1	21.8	22.6	23.1	20.1	20.9	20.6	21.5	22.0
x=4H y=6H	22.2	22.9	22.7	23.5	24.0	20.5	21.2	21.0	21.7	22.3
x=4H y=8H	22.6	23.3	23.2	23.9	24.5	20.6	21.2	21.1	21.8	22.4
x=4H y=12H	23.1	23.7	23.6	24.3	24.9	20.6	21.2	21.2	21.8	22.4
x=8H y=4H	21.5	22.2	22.0	22.7	23.3	20.5	21.2	21.0	21.7	22.3
x=8H y=6H	22.6	23.2	23.2	23.8	24.4	21.0	21.6	21.6	22.2	22.8
x=8H y=8H	23.2	23.7	23.8	24.3	25.0	21.2	21.7	21.8	22.3	23.0
x=8H y=12H	23.8	24.3	24.4	24.9	25.6	21.3	21.8	21.9	22.4	23.1
x=12H y=4H	21.5	22.1	22.1	22.7	23.3	20.6	21.2	21.1	21.7	22.4
x=12H y=6H	22.7	23.2	23.3	23.8	24.5	21.2	21.7	21.8	22.3	23.0
x=12H y=8H	23.3	23.8	24.0	24.4	25.1	21.4	21.9	22.1	22.5	23.2

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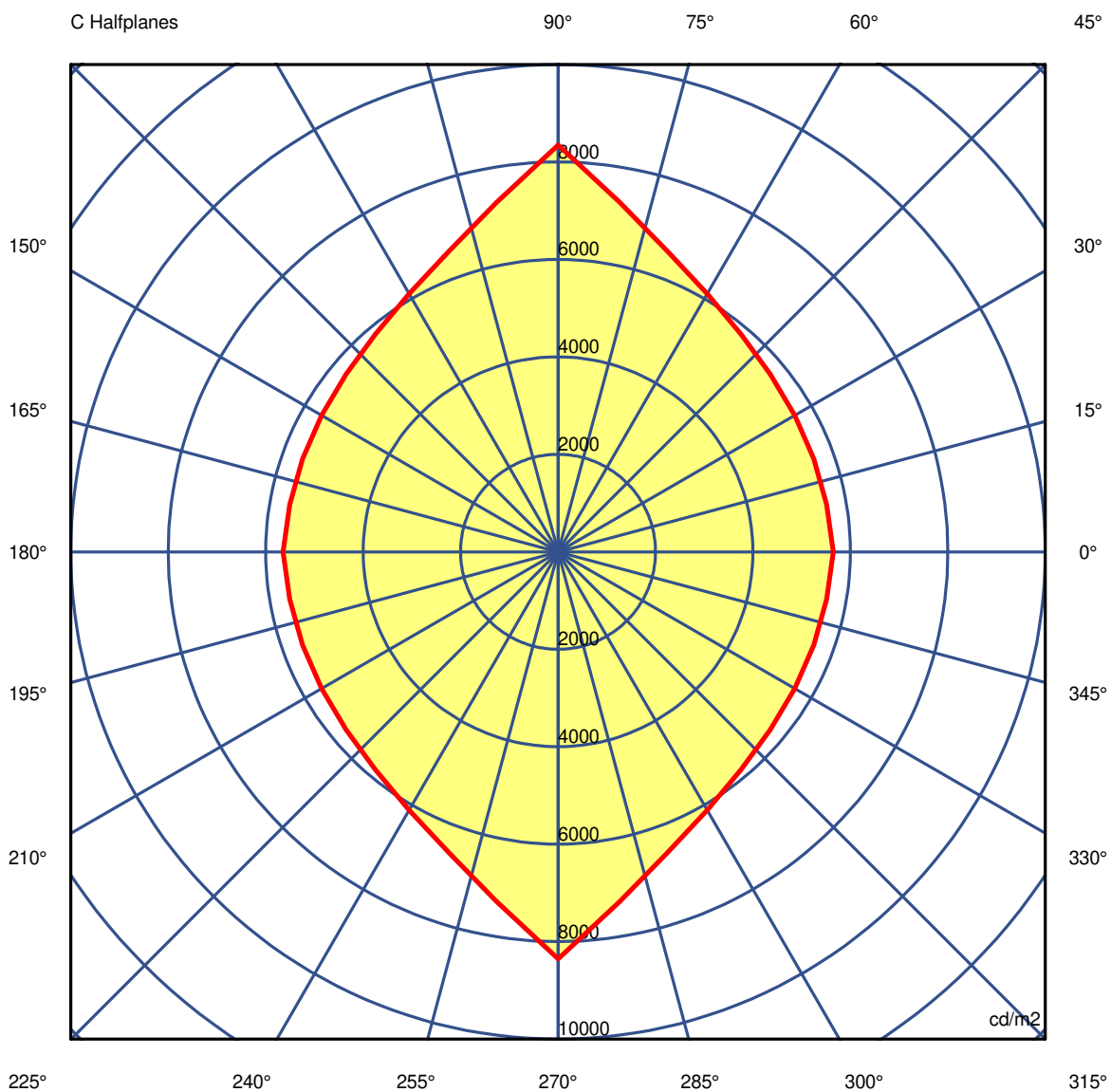
Measurement

Code 3/7/2023

Name TTP 70 COLOUR L0620 TOP 830 LO

Luminaire Flux	1618 lm	Luminaire Power	11.7 W	Efficacy	137.911 lm/W	Efficiency	85.86%
Source Flux	1884 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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Measurem.

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Source Flux	1884 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	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	
G 5.0	10120	10104	10121	10167	10233	10321	10428	10559	10706	10866	10706	10559	10428	
G 10.0	9354	9334	9360	9432	9544	9691	9875	10104	10374	10681	10374	10104	9875	
G 15.0	8679	8659	8692	8775	8907	9091	9333	9640	10015	10456	10015	9640	9333	
G 20.0	8070	8049	8080	8162	8306	8513	8791	9160	9628	10195	9628	9160	8791	
G 25.0	7522	7489	7517	7598	7739	7950	8250	8659	9202	9886	9202	8659	8250	
G 30.0	7012	6972	6991	7062	7196	7407	7716	8152	8755	9551	8755	8152	7716	
G 35.0	6533	6487	6495	6551	6671	6872	7179	7632	8284	9171	8284	7632	7179	
G 40.0	6078	6029	6028	6069	6172	6353	6644	7103	7796	8779	7796	7103	6644	
G 45.0	5647	5593	5584	5607	5681	5837	6114	6567	7283	8349	7283	6567	6114	
G 50.0	5238	5176	5155	5160	5212	5339	5581	6009	6740	7893	6740	6009	5581	
G 55.0	4841	4780	4751	4736	4759	4852	5058	5450	6173	7395	6173	5450	5058	
G 60.0	4469	4402	4360	4325	4326	4378	4524	4861	5554	6813	5554	4861	4524	
G 65.0	4113	4043	3995	3946	3911	3917	4004	4250	4870	6150	4870	4250	4004	
G 70.0	3774	3705	3651	3585	3525	3485	3489	3614	4108	5332	4108	3614	3489	
G 75.0	3469	3397	3335	3253	3162	3075	2998	2967	3255	4275	3255	2967	2998	
G 80.0	3177	3108	3042	2944	2829	2695	2528	2330	2342	2934	2342	2330	2528	
G 85.0	2915	2837	2765	2660	2523	2346	2103	1763	1472	1334	1472	1763	2103	
G 90.0	2678	2604	2528	2410	2258	2057	1762	1319	892	500	892	1319	1762	

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Source Flux	1884 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	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999	
G 5.0	10321	10233	10167	10121	10104	10120	10104	10121	10167	10233	10321	10428	10559	
G 10.0	9691	9544	9432	9360	9334	9354	9334	9360	9432	9544	9691	9875	10104	
G 15.0	9091	8907	8775	8692	8659	8679	8659	8692	8775	8907	9091	9333	9640	
G 20.0	8513	8306	8162	8080	8049	8070	8049	8080	8162	8306	8513	8791	9160	
G 25.0	7950	7739	7598	7517	7489	7522	7489	7517	7598	7739	7950	8250	8659	
G 30.0	7407	7196	7062	6991	6972	7012	6972	6991	7062	7196	7407	7716	8152	
G 35.0	6872	6671	6551	6495	6487	6533	6487	6495	6551	6671	6872	7179	7632	
G 40.0	6353	6172	6069	6028	6029	6078	6029	6028	6069	6172	6353	6644	7103	
G 45.0	5837	5681	5607	5584	5593	5647	5593	5584	5607	5681	5837	6114	6567	
G 50.0	5339	5212	5160	5155	5176	5238	5176	5155	5160	5212	5339	5581	6009	
G 55.0	4852	4759	4736	4751	4780	4841	4780	4751	4736	4759	4852	5058	5450	
G 60.0	4378	4326	4325	4360	4402	4469	4402	4360	4325	4326	4378	4524	4861	
G 65.0	3917	3911	3946	3995	4043	4113	4043	3995	3946	3911	3917	4004	4250	
G 70.0	3485	3525	3585	3651	3705	3774	3705	3651	3585	3525	3485	3489	3614	
G 75.0	3075	3162	3253	3335	3397	3469	3397	3335	3253	3162	3075	2998	2967	
G 80.0	2695	2829	2944	3042	3108	3177	3108	3042	2944	2829	2695	2528	2330	
G 85.0	2346	2523	2660	2765	2837	2915	2837	2765	2660	2523	2346	2103	1763	
G 90.0	2057	2258	2410	2528	2604	2678	2604	2528	2410	2258	2057	1762	1319	

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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	10999	10999	10999	10999	10999	10999	10999	10999	10999	10999
G 5.0	10706	10866	10706	10559	10428	10321	10233	10167	10121	10104
G 10.0	10374	10681	10374	10104	9875	9691	9544	9432	9360	9334
G 15.0	10015	10456	10015	9640	9333	9091	8907	8775	8692	8659
G 20.0	9628	10195	9628	9160	8791	8513	8306	8162	8080	8049
G 25.0	9202	9886	9202	8659	8250	7950	7739	7598	7517	7489
G 30.0	8755	9551	8755	8152	7716	7407	7196	7062	6991	6972
G 35.0	8284	9171	8284	7632	7179	6872	6671	6551	6495	6487
G 40.0	7796	8779	7796	7103	6644	6353	6172	6069	6028	6029
G 45.0	7283	8349	7283	6567	6114	5837	5681	5607	5584	5593
G 50.0	6740	7893	6740	6009	5581	5339	5212	5160	5155	5176
G 55.0	6173	7395	6173	5450	5058	4852	4759	4736	4751	4780
G 60.0	5554	6813	5554	4861	4524	4378	4326	4325	4360	4402
G 65.0	4870	6150	4870	4250	4004	3917	3911	3946	3995	4043
G 70.0	4108	5332	4108	3614	3489	3485	3525	3585	3651	3705
G 75.0	3255	4275	3255	2967	2998	3075	3162	3253	3335	3397
G 80.0	2342	2934	2342	2330	2528	2695	2829	2944	3042	3108
G 85.0	1472	1334	1472	1763	2103	2346	2523	2660	2765	2837
G 90.0	892	500	892	1319	1762	2057	2258	2410	2528	2604