

Luminaire

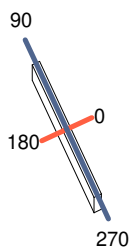
Code 90471L090
Name TTP 50 L0900 TUP 830 HO

Measur.

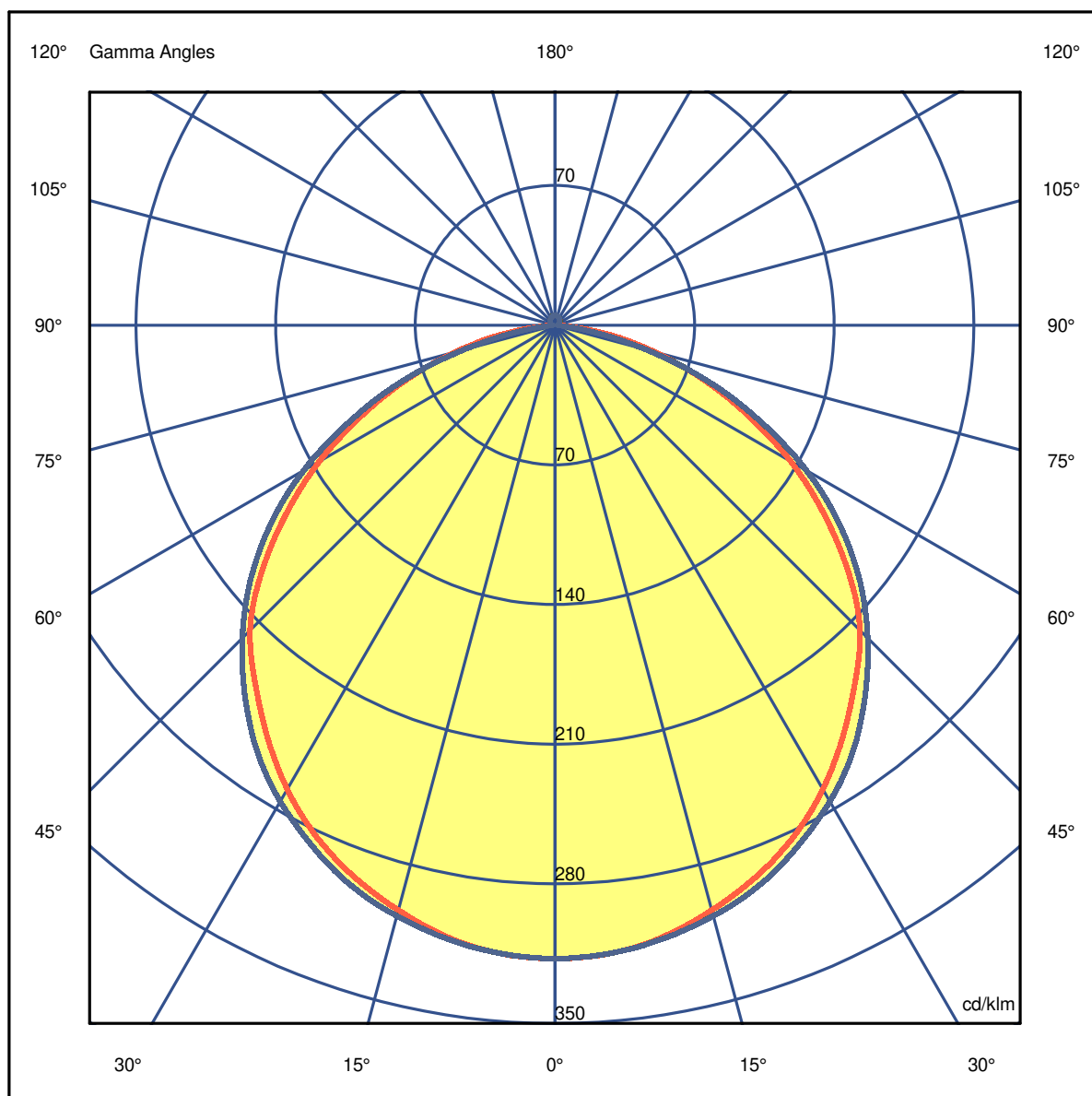
Code 4/7/2023
Name TTP 50 L0900 TUP 830 HO

Luminaire Flux	5698 lm	Luminaire Power	39.8 W	Efficacy	143.283 lm/W	Efficiency	91.63%
Source Flux	6219 lm	Maximum value	317.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

900mm x 50mm



C Halfplanes



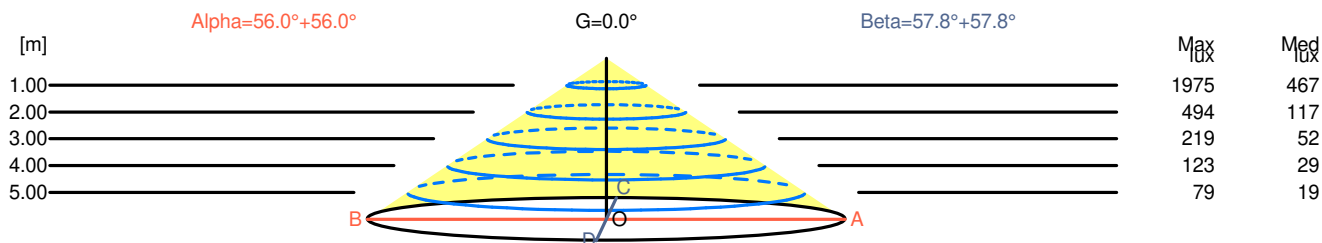
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Name TTP 50 L0900 TUP 830 HO**Measurem.**Code 4/7/2023
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Width at 50.00 % of Max Intensity

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	1.48	2.97	4.45	5.94	7.42	OC	1.59	3.17	4.76	6.34	7.93
OB	1.48	2.97	4.45	5.94	7.42	OD	1.59	3.17	4.76	6.34	7.93

	0	5	15	25	35	45	55	65	75	85
OA	1975.15	1965.83	1887.47	1759.36	1564.70	1344.55	1023.03	662.32	320.90	49.75
OB	1975.15	1965.83	1887.47	1759.36	1564.70	1344.55	1023.03	662.32	320.90	49.75
OC	1975.15	1965.20	1906.12	1791.07	1620.05	1378.75	1083.35	704.61	292.91	19.90
OD	1975.15	1965.20	1906.12	1791.07	1620.05	1378.75	1083.35	704.61	292.91	19.90



H[m]	D[m]	Max lux	Med lux	Alpha=56.0°+56.0°	G=0.0
1.00	2.97	1975	467		
2.00	5.94	494	117		
3.00	8.91	219	52		
4.00	11.88	123	29		
5.00	14.84	79	19		

H[m]	D[m]	Max lux	Med lux	Beta=57.8°+57.8°	G=0.0
1.00	3.17	1975	467		
2.00	6.34	494	117		
3.00	9.52	219	52		
4.00	12.69	123	29		
5.00	15.86	79	19		

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Source Flux	6219 lm	Maximum value	317.60 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	22.4	23.7	22.7	24.0	24.2	24.1	25.4	24.5	25.7	26.0
x=2H y=3H	23.4	24.5	23.7	24.8	25.1	25.4	26.6	25.8	26.9	27.2
x=2H y=4H	23.6	24.7	24.0	25.0	25.4	25.8	26.9	26.1	27.2	27.5
x=2H y=6H	23.7	24.7	24.1	25.1	25.4	25.9	26.9	26.3	27.3	27.6
x=2H y=8H	23.7	24.7	24.1	25.1	25.4	25.9	26.9	26.3	27.3	27.6
x=2H y=12H	23.7	24.6	24.1	25.0	25.4	25.9	26.8	26.3	27.2	27.6
x=4H y=2H	23.0	24.1	23.4	24.4	24.8	24.5	25.5	24.8	25.9	26.2
x=4H y=3H	24.1	25.0	24.5	25.4	25.8	25.8	26.8	26.2	27.1	27.5
x=4H y=4H	24.5	25.3	24.9	25.7	26.1	26.3	27.1	26.7	27.5	27.9
x=4H y=6H	24.6	25.3	25.1	25.7	26.2	26.5	27.2	27.0	27.6	28.1
x=4H y=8H	24.6	25.3	25.1	25.7	26.2	26.5	27.2	27.0	27.6	28.0
x=4H y=12H	24.6	25.2	25.1	25.6	26.1	26.5	27.1	27.0	27.5	28.0
x=8H y=4H	24.6	25.3	25.1	25.7	26.1	26.3	27.0	26.8	27.4	27.9
x=8H y=6H	24.8	25.4	25.3	25.8	26.3	26.6	27.1	27.1	27.6	28.1
x=8H y=8H	24.9	25.3	25.4	25.8	26.3	26.6	27.1	27.1	27.6	28.1
x=8H y=12H	24.9	25.3	25.4	25.8	26.3	26.6	27.0	27.1	27.5	28.1
x=12H y=4H	24.6	25.2	25.1	25.6	26.1	26.3	26.9	26.8	27.3	27.8
x=12H y=6H	24.8	25.3	25.3	25.8	26.3	26.6	27.0	27.1	27.5	28.0
x=12H y=8H	24.9	25.3	25.4	25.8	26.3	26.6	27.0	27.1	27.5	28.1

Luminaire

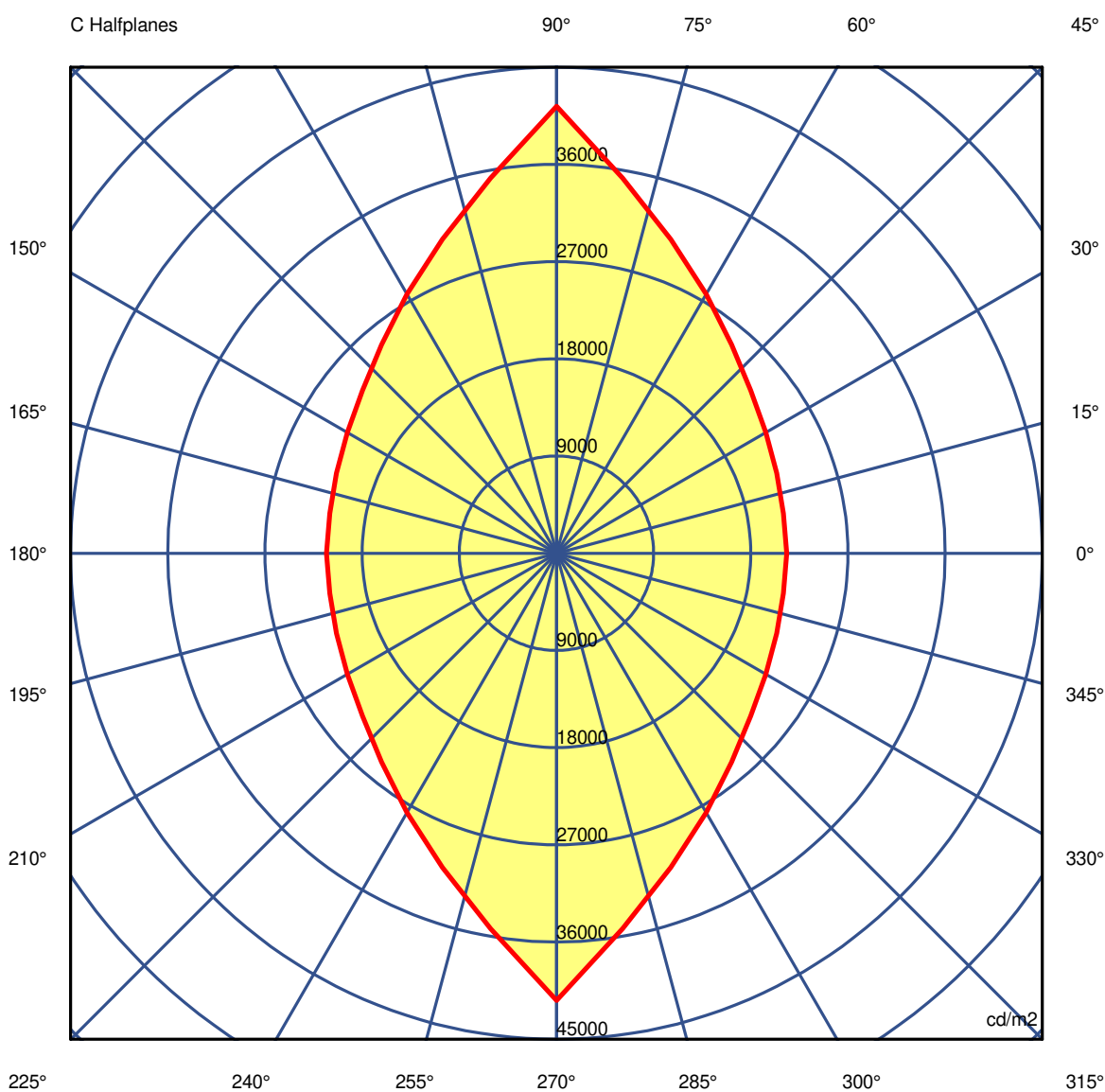
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Name TTP 50 L0900 TUP 830 HO

Measurem.

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Luminaire Flux	5698 lm	Luminaire Power	39.8 W	Efficacy	143.283 lm/W	Efficiency	91.63%
Source Flux	6219 lm	Maximum value	317.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Luminaire Flux		5698 lm		Luminaire Power		39.8 W		Efficacy		143.283 lm/W		Efficiency		91.63%	
Source Flux		6219 lm		Maximum value		317.60 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	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286
G 5.0	40686	40677	40809	41048	41327	41725	42232	42747	43333	44015	43333	42747	42232	41725	40809
G 10.0	37470	37524	37717	38075	38654	39400	40280	41310	42481	43772	42481	41310	40280	39400	38075
G 15.0	34554	34605	34898	35427	36182	37228	38538	39992	41680	43591	41680	39992	38538	37228	36182
G 20.0	32017	32077	32405	33005	33896	35163	36786	38658	40863	43466	40863	38658	36786	35163	33896
G 25.0	29684	29744	30119	30795	31778	33172	35064	37311	39984	43181	39984	37311	35064	33172	31778
G 30.0	27408	27501	27946	28704	29714	31224	33322	35876	39036	42984	39036	35876	33322	31224	29714
G 35.0	25190	25266	25729	26570	27726	29324	31509	34393	38056	42669	38056	34393	31509	29324	27726
G 40.0	23160	23238	23637	24378	25657	27368	29605	32715	36789	42054	36789	32715	29605	27368	25657
G 45.0	21317	21344	21693	22374	23453	25210	27735	30937	35280	41398	35280	30937	27735	25210	23453
G 50.0	18993	19080	19562	20375	21401	22987	25369	28613	33382	40567	33382	28613	25369	22987	21401
G 55.0	16470	16581	17039	17917	19244	20776	22737	26003	31179	39210	31179	26003	22737	20776	19244
G 60.0	13923	14029	14373	15090	16391	18047	20064	23021	28099	36986	28099	23021	20064	18047	16391
G 65.0	11175	11140	11403	12022	13090	14835	17131	19667	24194	33371	24194	19667	17131	14835	13090
G 70.0	8562	8596	8821	9259	9757	11079	13172	15090	19002	28581	19002	15090	13172	11079	9757
G 75.0	5875	5900	6074	6448	7076	7857	8858	10527	13756	20985	13756	10527	8858	7857	7076
G 80.0	3394	3379	3485	3717	4050	4471	5059	6045	7752	11760	7752	6045	5059	4471	4050
G 85.0	1030	1060	1092	1155	1377	1737	2135	2413	2629	3120	2629	2413	2135	1737	1377
G 90.0	349	351	364	390	421	488	610	747	1019	2985	1019	747	610	488	421

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Source Flux	6219 lm		Maximum value		317.60 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	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286
G 5.0	41725	41327	41048	40809	40677	40686	40677	40809	41048	41327	41725	42232	42747
G 10.0	39400	38654	38075	37717	37524	37470	37524	37717	38075	38654	39400	40280	41310
G 15.0	37228	36182	35427	34898	34605	34554	34605	34898	35427	36182	37228	38538	39992
G 20.0	35163	33896	33005	32405	32077	32017	32077	32405	33005	33896	35163	36786	38658
G 25.0	33172	31778	30795	30119	29744	29684	29744	30119	30795	31778	33172	35064	37311
G 30.0	31224	29714	28704	27946	27501	27408	27501	27946	28704	29714	31224	33322	35876
G 35.0	29324	27726	26570	25729	25266	25190	25266	25729	26570	27726	29324	31509	34393
G 40.0	27368	25657	24378	23637	23238	23160	23238	23637	24378	25657	27368	29605	32715
G 45.0	25210	23453	22374	21693	21344	21317	21344	21693	22374	23453	25210	27735	30937
G 50.0	22987	21401	20375	19562	19080	18993	19080	19562	20375	21401	22987	25369	28613
G 55.0	20776	19244	17917	17039	16581	16470	16581	17039	17917	19244	20776	22737	26003
G 60.0	18047	16391	15090	14373	14029	13923	14029	14373	15090	16391	18047	20064	23021
G 65.0	14835	13090	12022	11403	11140	11175	11140	11403	12022	13090	14835	17131	19667
G 70.0	11079	9757	9259	8821	8596	8562	8596	8821	9259	9757	11079	13172	15090
G 75.0	7857	7076	6448	6074	5900	5875	5900	6074	6448	7076	7857	8858	10527
G 80.0	4471	4050	3717	3485	3379	3394	3379	3485	3717	4050	4471	5059	6045
G 85.0	1737	1377	1155	1092	1060	1030	1060	1092	1155	1377	1737	2135	2413
G 90.0	488	421	390	364	351	349	351	364	390	421	488	610	747

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Source Flux	6219 lm	Maximum value	317.60 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	44286	44286	44286	44286	44286	44286	44286	44286	44286	44286
G 5.0	43333	44015	43333	42747	42232	41725	41327	41048	40809	40677
G 10.0	42481	43772	42481	41310	40280	39400	38654	38075	37717	37524
G 15.0	41680	43591	41680	39992	38538	37228	36182	35427	34898	34605
G 20.0	40863	43466	40863	38658	36786	35163	33896	33005	32405	32077
G 25.0	39984	43181	39984	37311	35064	33172	31778	30795	30119	29744
G 30.0	39036	42984	39036	35876	33322	31224	29714	28704	27946	27501
G 35.0	38056	42669	38056	34393	31509	29324	27726	26570	25729	25266
G 40.0	36789	42054	36789	32715	29605	27368	25657	24378	23637	23238
G 45.0	35280	41398	35280	30937	27735	25210	23453	22374	21693	21344
G 50.0	33382	40567	33382	28613	25369	22987	21401	20375	19562	19080
G 55.0	31179	39210	31179	26003	22737	20776	19244	17917	17039	16581
G 60.0	28099	36986	28099	23021	20064	18047	16391	15090	14373	14029
G 65.0	24194	33371	24194	19667	17131	14835	13090	12022	11403	11140
G 70.0	19002	28581	19002	15090	13172	11079	9757	9259	8821	8596
G 75.0	13756	20985	13756	10527	8858	7857	7076	6448	6074	5900
G 80.0	7752	11760	7752	6045	5059	4471	4050	3717	3485	3379
G 85.0	2629	3120	2629	2413	2135	1737	1377	1155	1092	1060
G 90.0	1019	2985	1019	747	610	488	421	390	364	351