

Luminaire

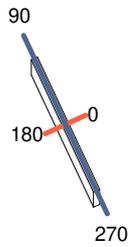
Code 90483L090-49
Name TTP 50 LINE L1115 TUP 830 SRT HO SENSOR

Measurement

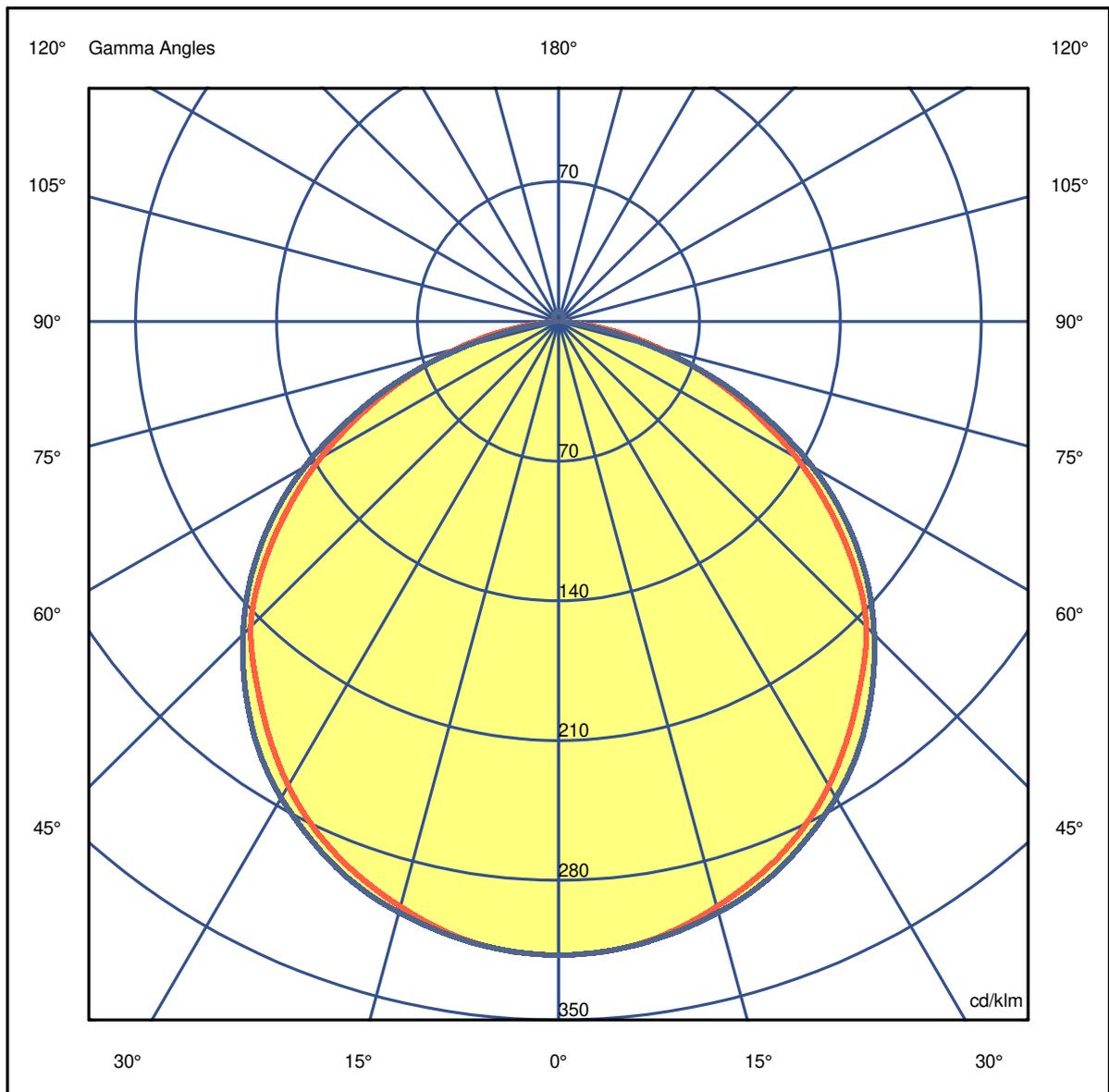
Code 4/7/2023
Name TTP 50 LINE L1115 TUP 830 SRT HO SENSOR

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

1115mm x 50mm



C Halfplanes



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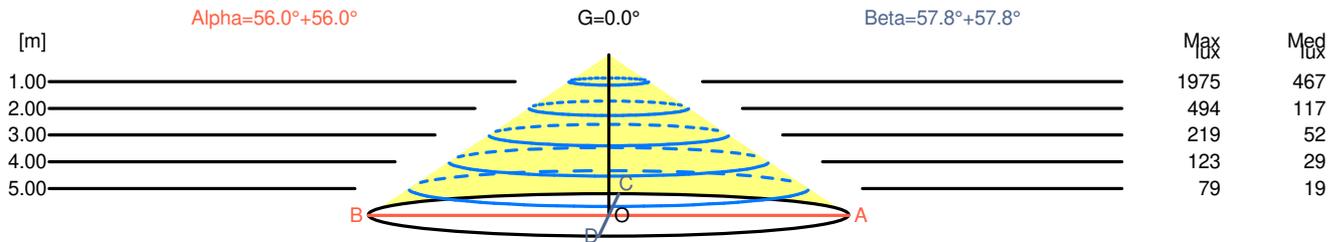
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [cd/klm]									
	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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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	21.7	23.0	22.0	23.2	23.5	23.4	24.7	23.7	25.0	25.2
x=2H y=3H	22.6	23.8	23.0	24.1	24.4	24.7	25.9	25.1	26.2	26.5
x=2H y=4H	22.9	24.0	23.3	24.3	24.6	25.1	26.2	25.4	26.5	26.8
x=2H y=6H	23.0	24.0	23.4	24.3	24.7	25.2	26.2	25.6	26.6	26.9
x=2H y=8H	23.0	24.0	23.4	24.3	24.7	25.2	26.2	25.6	26.6	26.9
x=2H y=12H	23.0	23.9	23.4	24.3	24.6	25.2	26.1	25.6	26.5	26.9
x=4H y=2H	22.3	23.4	22.7	23.7	24.0	23.7	24.8	24.1	25.1	25.5
x=4H y=3H	23.4	24.3	23.8	24.6	25.0	25.1	26.1	25.5	26.4	26.8
x=4H y=4H	23.7	24.5	24.1	24.9	25.3	25.6	26.4	26.0	26.8	27.2
x=4H y=6H	23.9	24.6	24.3	25.0	25.4	25.8	26.5	26.3	26.9	27.4
x=4H y=8H	23.9	24.5	24.4	25.0	25.4	25.8	26.5	26.3	26.9	27.3
x=4H y=12H	23.9	24.5	24.3	24.9	25.4	25.8	26.4	26.3	26.8	27.3
x=8H y=4H	23.9	24.5	24.3	25.0	25.4	25.6	26.3	26.1	26.7	27.1
x=8H y=6H	24.1	24.6	24.6	25.1	25.6	25.9	26.4	26.4	26.9	27.4
x=8H y=8H	24.1	24.6	24.6	25.1	25.6	25.9	26.4	26.4	26.9	27.4
x=8H y=12H	24.1	24.5	24.7	25.0	25.6	25.9	26.3	26.4	26.8	27.4
x=12H y=4H	23.9	24.4	24.3	24.9	25.4	25.6	26.2	26.1	26.6	27.1
x=12H y=6H	24.1	24.6	24.6	25.0	25.6	25.9	26.3	26.4	26.8	27.3
x=12H y=8H	24.1	24.5	24.7	25.1	25.6	25.9	26.3	26.4	26.8	27.4

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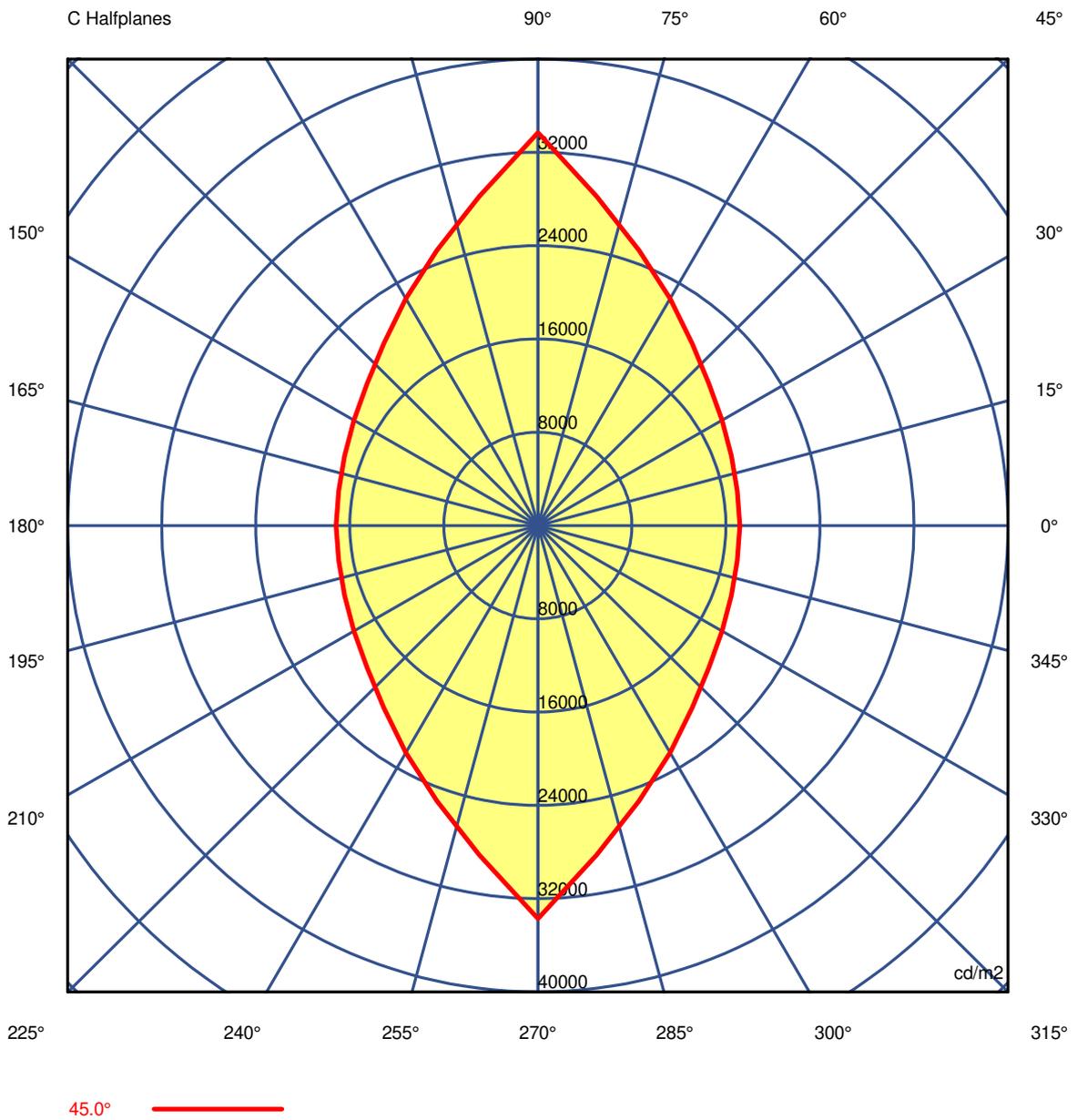
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Measur.

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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



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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 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	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685
G 5.0	32784	32782	32893	33091	33320	33645	34057	34474	34949	35500	34949	34474	34057
G 10.0	30193	30245	30409	30705	31181	31790	32506	33343	34293	35338	34293	33343	32506
G 15.0	27843	27895	28142	28580	29200	30054	31122	32305	33676	35226	33676	32305	31122
G 20.0	25799	25860	26138	26634	27367	28403	29727	31252	33046	35161	33046	31252	29727
G 25.0	23919	23982	24298	24858	25667	26808	28353	30186	32365	34968	32365	30186	28353
G 30.0	22085	22175	22550	23178	24009	25247	26962	29048	31628	34847	31628	29048	26962
G 35.0	20298	20374	20765	21460	22412	23722	25511	27870	30864	34636	30864	27870	25511
G 40.0	18662	18741	19079	19695	20747	22151	23985	26532	29870	34185	29870	26532	23985
G 45.0	17177	17215	17513	18081	18972	20414	22486	25113	28678	33705	28678	25113	22486
G 50.0	15304	15390	15795	16469	17319	18625	20582	23249	27171	33091	27171	23249	20582
G 55.0	13271	13376	13761	14486	15579	16842	18461	21150	25417	32056	25417	21150	18461
G 60.0	11219	11318	11610	12204	13275	14639	16304	18747	22946	30324	22946	18747	16304
G 65.0	9004	8988	9212	9726	10606	12041	13933	16038	19800	27462	19800	16038	13933
G 70.0	6899	6936	7128	7493	7910	8999	10724	12325	15594	23643	15594	12325	10724
G 75.0	4734	4761	4910	5220	5739	6386	7221	8615	11328	17497	11328	8615	7221
G 80.0	2735	2727	2818	3010	3287	3637	4130	4960	6416	9941	6416	4960	4130
G 85.0	830	856	883	936	1119	1415	1746	1986	2193	2721	2193	1986	1746
G 90.0	281	283	294	316	342	398	500	618	861	2985	861	618	500

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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	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685
G 5.0	33645	33320	33091	32893	32782	32784	32782	32893	33091	33320	33645	34057	34474
G 10.0	31790	31181	30705	30409	30245	30193	30245	30409	30705	31181	31790	32506	33343
G 15.0	30054	29200	28580	28142	27895	27843	27895	28142	28580	29200	30054	31122	32305
G 20.0	28403	27367	26634	26138	25860	25799	25860	26138	26634	27367	28403	29727	31252
G 25.0	26808	25667	24858	24298	23982	23919	23982	24298	24858	25667	26808	28353	30186
G 30.0	25247	24009	23178	22550	22175	22085	22175	22550	23178	24009	25247	26962	29048
G 35.0	23722	22412	21460	20765	20374	20298	20374	20765	21460	22412	23722	25511	27870
G 40.0	22151	20747	19695	19079	18741	18662	18741	19079	19695	20747	22151	23985	26532
G 45.0	20414	18972	18081	17513	17215	17177	17215	17513	18081	18972	20414	22486	25113
G 50.0	18625	17319	16469	15795	15390	15304	15390	15795	16469	17319	18625	20582	23249
G 55.0	16842	15579	14486	13761	13376	13271	13376	13761	14486	15579	16842	18461	21150
G 60.0	14639	13275	12204	11610	11318	11219	11318	11610	12204	13275	14639	16304	18747
G 65.0	12041	10606	9726	9212	8988	9004	8988	9212	9726	10606	12041	13933	16038
G 70.0	8999	7910	7493	7128	6936	6899	6936	7128	7493	7910	8999	10724	12325
G 75.0	6386	5739	5220	4910	4761	4734	4761	4910	5220	5739	6386	7221	8615
G 80.0	3637	3287	3010	2818	2727	2735	2727	2818	3010	3287	3637	4130	4960
G 85.0	1415	1119	936	883	856	830	856	936	1119	1415	1746	1986	2386
G 90.0	398	342	316	294	283	281	283	294	316	342	398	500	618

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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	35685	35685	35685	35685	35685	35685	35685	35685	35685	35685
G 5.0	34949	35500	34949	34474	34057	33645	33320	33091	32893	32782
G 10.0	34293	35338	34293	33343	32506	31790	31181	30705	30409	30245
G 15.0	33676	35226	33676	32305	31122	30054	29200	28580	28142	27895
G 20.0	33046	35161	33046	31252	29727	28403	27367	26634	26138	25860
G 25.0	32365	34968	32365	30186	28353	26808	25667	24858	24298	23982
G 30.0	31628	34847	31628	29048	26962	25247	24009	23178	22550	22175
G 35.0	30864	34636	30864	27870	25511	23722	22412	21460	20765	20374
G 40.0	29870	34185	29870	26532	23985	22151	20747	19695	19079	18741
G 45.0	28678	33705	28678	25113	22486	20414	18972	18081	17513	17215
G 50.0	27171	33091	27171	23249	20582	18625	17319	16469	15795	15390
G 55.0	25417	32056	25417	21150	18461	16842	15579	14486	13761	13376
G 60.0	22946	30324	22946	18747	16304	14639	13275	12204	11610	11318
G 65.0	19800	27462	19800	16038	13933	12041	10606	9726	9212	8988
G 70.0	15594	23643	15594	12325	10724	8999	7910	7493	7128	6936
G 75.0	11328	17497	11328	8615	7221	6386	5739	5220	4910	4761
G 80.0	6416	9941	6416	4960	4130	3637	3287	3010	2818	2727
G 85.0	2193	2721	2193	1986	1746	1415	1119	936	883	856
G 90.0	861	2985	861	618	500	398	342	316	294	283