

Luminaire

Code 90487L090-58

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

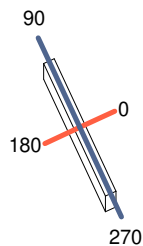
Measurem.

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

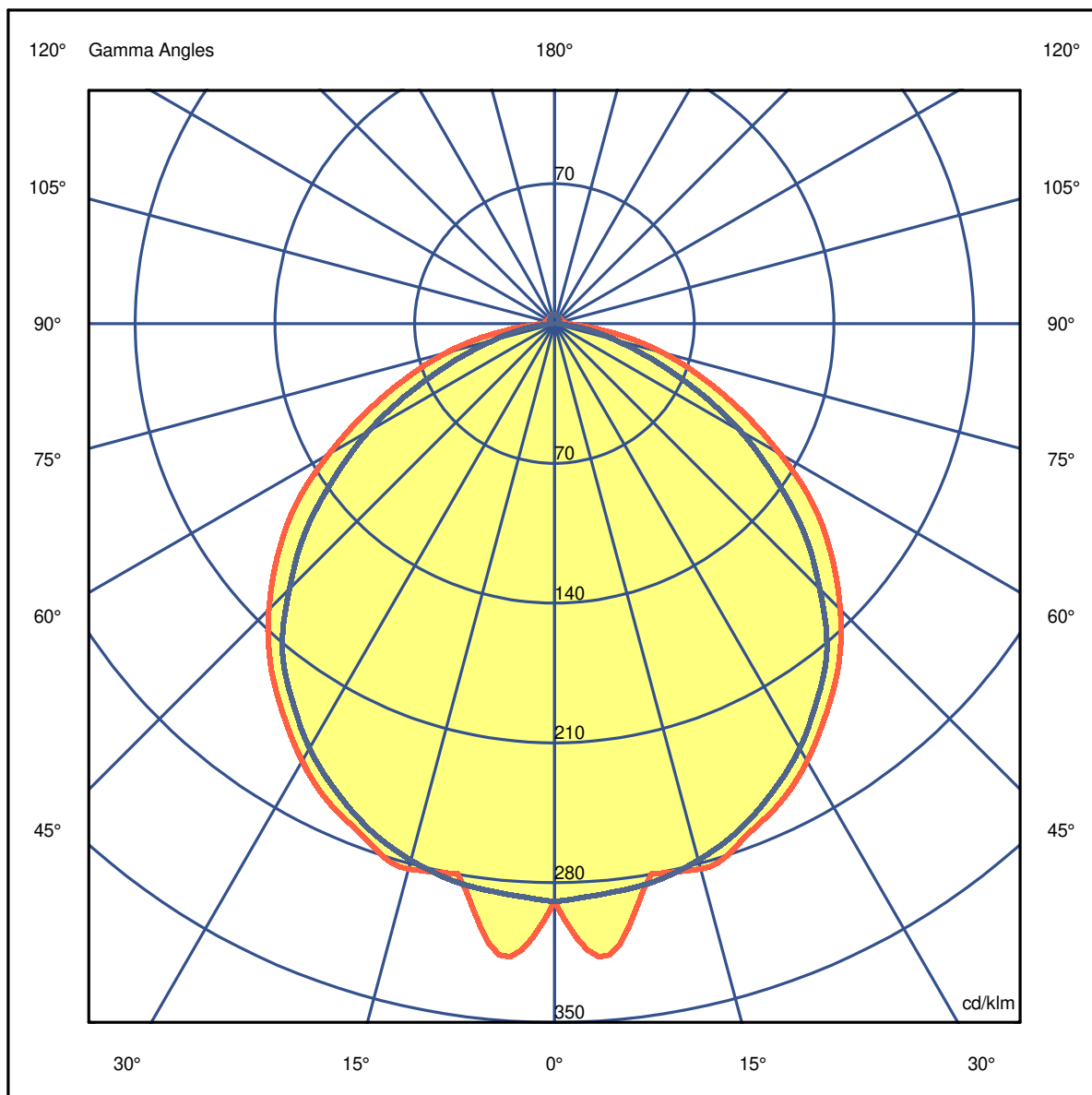
Luminaire Flux	5544 lm	Luminaire Power	39.8 W	Efficacy	139.407 lm/W	Efficiency	85.40%
Source Flux	6492 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

900mm x 70mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



Luminaire

Code 90487L090-58
Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Measurem.

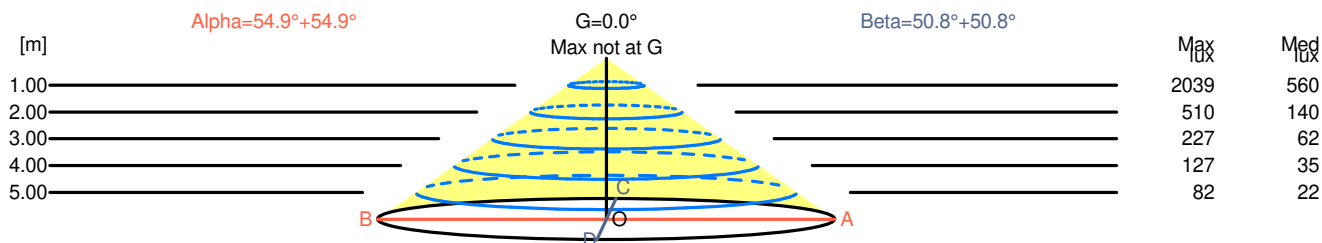
Code 3/7/2023
Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Luminaire Flux	5544 lm	Luminaire Power	39.8 W	Efficacy	139.407 lm/W	Efficiency	85.40%
Source Flux	6492 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	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	1.42	2.84	4.26	5.68	7.10	OC	1.23	2.45	3.68	4.91	6.14
OB	1.42	2.84	4.26	5.68	7.10	OD	1.23	2.45	3.68	4.91	6.14

	0	5	15	25	35	45	55	65	75	85
OA	1878.78	2060.56	1835.29	1724.28	1542.50	1313.98	1027.03	670.62	364.20	95.43
OB	1878.78	2060.56	1835.29	1724.28	1542.50	1313.98	1027.03	670.62	364.20	95.43
OC	1878.78	1860.61	1806.07	1678.83	1489.91	1219.20	875.12	506.38	202.55	23.37
OD	1878.78	1860.61	1806.07	1678.83	1489.91	1219.20	875.12	506.38	202.55	23.37



H[m]	D[m]	Max lux	Med lux	Alpha=54.9°+54.9°	G=0.0 Max not at G
1.00	2.84	2039	560		
2.00	5.68	510	140		
3.00	8.53	227	62		
4.00	11.37	127	35		
5.00	14.21	82	22		

H[m]	D[m]	Max lux	Med lux	Beta=50.8°+50.8°	G=0.0 Max not at G
1.00	2.45	2039	560		
2.00	4.91	510	140		
3.00	7.36	227	62		
4.00	9.82	127	35		
5.00	12.27	82	22		

Luminaire

Code 90487L090-58
Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Measurement

Code 3/7/2023
Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Luminaire Flux	5544 lm	Luminaire Power	39.8 W	Efficacy	139.407 lm/W	Efficiency	85.40%
Source Flux	6492 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	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	21.2	22.5	21.6	22.8	23.1	22.3	23.6	22.6	23.9	24.1
x=2H y=3H	22.2	23.4	22.6	23.7	24.0	23.3	24.4	23.7	24.7	25.1
x=2H y=4H	22.6	23.6	22.9	24.0	24.3	23.6	24.7	24.0	25.0	25.3
x=2H y=6H	22.7	23.8	23.1	24.1	24.5	23.7	24.7	24.1	25.0	25.4
x=2H y=8H	22.8	23.7	23.2	24.1	24.5	23.7	24.7	24.1	25.0	25.4
x=2H y=12H	22.8	23.7	23.2	24.1	24.5	23.7	24.6	24.1	25.0	25.4
x=4H y=2H	21.8	22.9	22.2	23.2	23.5	22.7	23.7	23.0	24.1	24.4
x=4H y=3H	22.9	23.9	23.4	24.2	24.6	23.8	24.8	24.2	25.1	25.5
x=4H y=4H	23.4	24.2	23.8	24.6	25.0	24.2	25.0	24.7	25.4	25.8
x=4H y=6H	23.7	24.4	24.1	24.8	25.2	24.4	25.1	24.9	25.5	26.0
x=4H y=8H	23.7	24.4	24.2	24.8	25.3	24.4	25.1	24.9	25.5	26.0
x=4H y=12H	23.7	24.3	24.2	24.8	25.3	24.4	25.0	24.9	25.5	26.0
x=8H y=4H	23.6	24.2	24.0	24.7	25.1	24.3	25.0	24.8	25.4	25.9
x=8H y=6H	23.9	24.4	24.4	24.9	25.4	24.6	25.1	25.1	25.6	26.1
x=8H y=8H	24.0	24.5	24.5	25.0	25.5	24.7	25.1	25.2	25.6	26.2
x=8H y=12H	24.0	24.4	24.6	25.0	25.5	24.7	25.1	25.2	25.6	26.2
x=12H y=4H	23.5	24.1	24.0	24.6	25.1	24.3	24.9	24.8	25.4	25.8
x=12H y=6H	23.9	24.4	24.4	24.9	25.4	24.6	25.1	25.1	25.6	26.1
x=12H y=8H	24.0	24.4	24.6	24.9	25.5	24.7	25.1	25.2	25.6	26.2

Luminaire

Code 90487L090-58

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

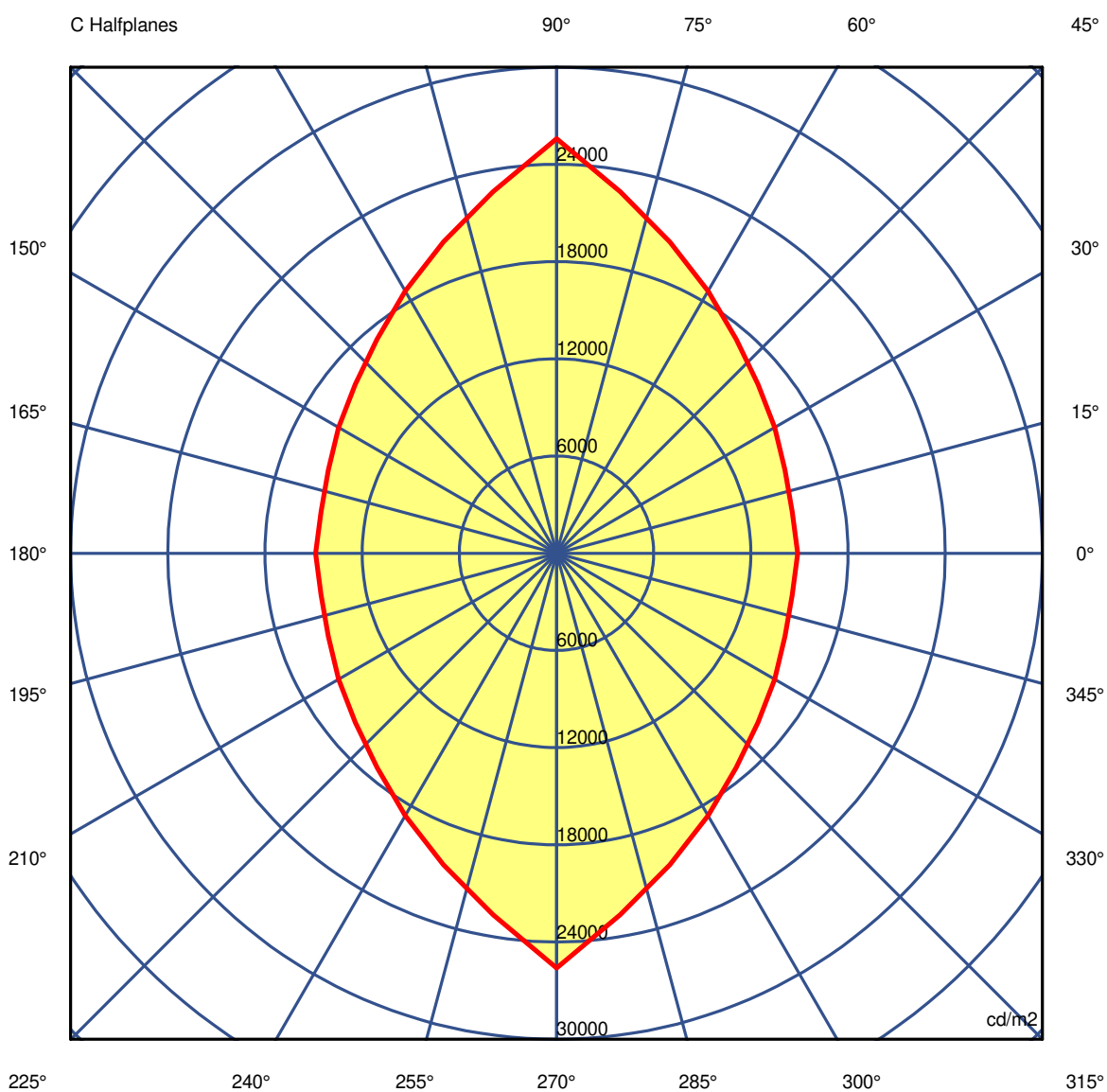
Measurement

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Luminaire Flux	5544 lm	Luminaire Power	39.8 W	Efficacy	139.407 lm/W	Efficiency	85.40%
Source Flux	6492 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90487L090-58

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Measurement

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Luminaire Flux	5544 lm		Luminaire Power		39.8 W		Efficacy		139.407 lm/W		Efficiency		85.40%	
Source Flux	6492 lm		Maximum value		317.40 cd/klm		Position		C=0.00 G=5.00		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	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	
G 5.0	30462	30161	30213	30560	30839	30824	30465	29930	29647	29708	29647	29930	30465	
G 10.0	25112	24912	24977	25374	26189	27878	29778	30387	30116	29564	30116	30387	29778	
G 15.0	23999	23803	23836	23996	24109	24482	26018	29214	30696	29329	30696	29214	26018	
G 20.0	22316	22171	22247	22554	23144	23697	24197	27566	29766	29044	29766	27566	24197	
G 25.0	20780	20716	20893	21296	21868	22571	23609	25568	27396	28619	27396	25568	23609	
G 30.0	19249	19092	19223	19696	20515	21544	22593	23622	25371	28208	25371	23622	22593	
G 35.0	17738	17540	17790	18411	19123	20091	21241	22321	24262	27612	24262	22321	21241	
G 40.0	16354	16240	16434	16931	17695	18821	20231	21610	23803	27034	23803	21610	20231	
G 45.0	14880	14766	15004	15543	16232	17252	18690	20449	22660	25604	22660	20449	18690	
G 50.0	13373	13271	13459	13967	14777	15860	17189	18801	20990	24170	20990	18801	17189	
G 55.0	11810	11724	11898	12325	13024	13953	15143	17007	19265	21973	19265	17007	15143	
G 60.0	9940	9861	10101	10575	11088	11956	13334	15021	17002	19661	17002	15021	13334	
G 65.0	8082	8039	8258	8690	9196	9905	10937	12301	14001	16425	14001	12301	10937	
G 70.0	6344	6300	6483	6834	7196	7695	8477	9589	10963	12929	10963	9589	8477	
G 75.0	4762	4717	4788	4964	5221	5592	6104	6777	7776	9694	7776	6777	6104	
G 80.0	3034	3000	3054	3202	3434	3691	3929	4185	4771	6505	4771	4185	3929	
G 85.0	1411	1390	1424	1503	1615	1818	2150	2337	2379	2264	2379	2337	2150	
G 90.0	697	698	723	781	878	1012	1153	1243	1311	1590	1311	1243	1153	

Luminaire

Code 90487L090-58

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Measurement

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Luminaire Flux		5544 lm		Luminaire Power		39.8 W		Efficacy		139.407 lm/W		Efficiency		85.40%	
Source Flux		6492 lm		Maximum value		317.40 cd/klm		Position		C=0.00 G=5.00		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	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089
G 5.0	30824	30839	30560	30213	30161	30462	30161	30213	30560	30839	30824	30465	29930		
G 10.0	27878	26189	25374	24977	24912	25112	24912	24977	25374	26189	27878	29778	30387		
G 15.0	24482	24109	23996	23836	23803	23999	23803	23836	23996	24109	24482	26018	29214		
G 20.0	23697	23144	22554	22247	22171	22316	22171	22247	22554	23144	23697	24197	27566		
G 25.0	22571	21868	21296	20893	20716	20780	20716	20893	21296	21868	22571	23609	25568		
G 30.0	21544	20515	19696	19223	19092	19249	19092	19223	19696	20515	21544	22593	23622		
G 35.0	20091	19123	18411	17790	17540	17738	17540	17790	18411	19123	20091	21241	22321		
G 40.0	18821	17695	16931	16434	16240	16354	16240	16434	16931	17695	18821	20231	21610		
G 45.0	17252	16232	15543	15004	14766	14880	14766	15004	15543	16232	17252	18690	20449		
G 50.0	15860	14777	13967	13459	13271	13373	13271	13459	13967	14777	15860	17189	18801		
G 55.0	13953	13024	12325	11898	11724	11810	11724	11898	12325	13024	13953	15143	17007		
G 60.0	11956	11088	10575	10101	9861	9940	9861	10101	10575	11088	11956	13334	15021		
G 65.0	9905	9196	8690	8258	8039	8082	8039	8258	8690	9196	9905	10937	12301		
G 70.0	7695	7196	6834	6483	6300	6344	6300	6483	6834	7196	7695	8477	9589		
G 75.0	5592	5221	4964	4788	4717	4762	4717	4788	4964	5221	5592	6104	6777		
G 80.0	3691	3434	3202	3054	3000	3034	3000	3054	3202	3434	3691	3929	4185		
G 85.0	1818	1615	1503	1424	1390	1411	1390	1424	1503	1615	1818	2150	2337		
G 90.0	1012	878	781	723	698	697	698	723	781	878	1012	1153	1243		

Luminaire

Code 90487L090-58

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Measurem.

Code 3/7/2023

Name TTP 70 LINE L0900 TUP 840 SRT/MID HO

Luminaire Flux	5544 lm	Luminaire Power	39.8 W	Efficacy	139.407 lm/W	Efficiency	85.40%
Source Flux	6492 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	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	30089	30089	30089	30089	30089	30089	30089	30089	30089	30089
G 5.0	29647	29708	29647	29930	30465	30824	30839	30560	30213	30161
G 10.0	30116	29564	30116	30387	29778	27878	26189	25374	24977	24912
G 15.0	30696	29329	30696	29214	26018	24482	24109	23996	23836	23803
G 20.0	29766	29044	29766	27566	24197	23697	23144	22554	22247	22171
G 25.0	27396	28619	27396	25568	23609	22571	21868	21296	20893	20716
G 30.0	25371	28208	25371	23622	22593	21544	20515	19696	19223	19092
G 35.0	24262	27612	24262	22321	21241	20091	19123	18411	17790	17540
G 40.0	23803	27034	23803	21610	20231	18821	17695	16931	16434	16240
G 45.0	22660	25604	22660	20449	18690	17252	16232	15543	15004	14766
G 50.0	20990	24170	20990	18801	17189	15860	14777	13967	13459	13271
G 55.0	19265	21973	19265	17007	15143	13953	13024	12325	11898	11724
G 60.0	17002	19661	17002	15021	13334	11956	11088	10575	10101	9861
G 65.0	14001	16425	14001	12301	10937	9905	9196	8690	8258	8039
G 70.0	10963	12929	10963	9589	8477	7695	7196	6834	6483	6300
G 75.0	7776	9694	7776	6777	6104	5592	5221	4964	4788	4717
G 80.0	4771	6505	4771	4185	3929	3691	3434	3202	3054	3000
G 85.0	2379	2264	2379	2337	2150	1818	1615	1503	1424	1390
G 90.0	1311	1590	1311	1243	1153	1012	878	781	723	698