

Luminaire

Code 90475L090

Name TTP 70 L1030 TUP 840 HO SENSOR

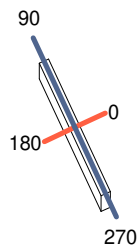
Measurem.

Code 3/7/2023

Name TTP 70 L1030 TUP 840 HO SENSOR

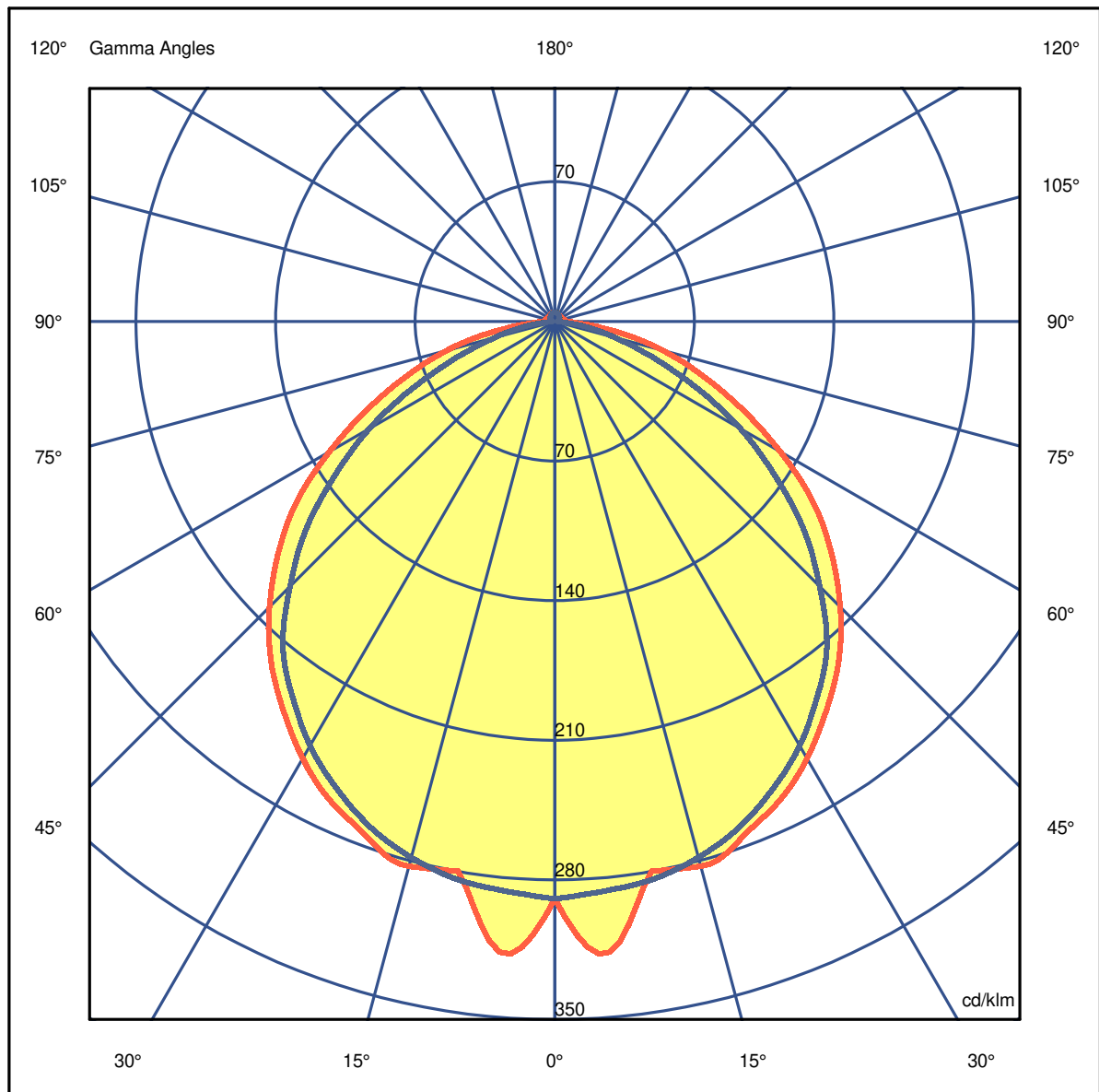
Luminaire Flux	5544 lm	Luminaire Power	39.8 W	Efficacy	139.407 lm/W	Efficiency	85.40%
Source Flux	6492 lm	Maximum value	317.40 cd/klm	Position	C=0.00 G=5.00	CG	Double Symmetrical

1030mm x 70mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



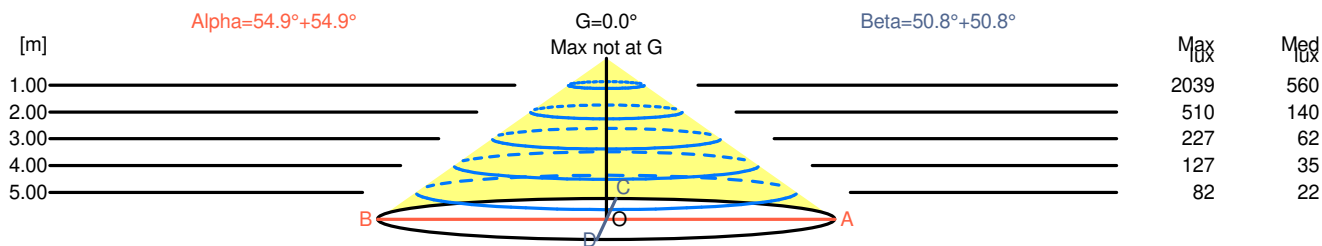
LuminaireCode 90475L090
Name TTP 70 L1030 TUP 840 HO SENSOR**Measurem.**Code 3/7/2023
Name TTP 70 L1030 TUP 840 HO SENSOR

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 90475L090
Name TTP 70 L1030 TUP 840 HO SENSOR

Measurem.

Code 3/7/2023
Name TTP 70 L1030 TUP 840 HO SENSOR

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	20.7	22.0	21.1	22.3	22.6	21.8	23.1	22.2	23.4	23.7
x=2H y=3H	21.7	22.9	22.1	23.2	23.5	22.9	24.0	23.2	24.3	24.6
x=2H y=4H	22.1	23.2	22.5	23.5	23.8	23.2	24.2	23.5	24.6	24.9
x=2H y=6H	22.3	23.3	22.7	23.6	24.0	23.3	24.3	23.7	24.6	25.0
x=2H y=8H	22.3	23.3	22.7	23.6	24.0	23.3	24.2	23.7	24.6	25.0
x=2H y=12H	22.3	23.2	22.7	23.6	24.0	23.3	24.2	23.7	24.5	24.9
x=4H y=2H	21.3	22.4	21.7	22.7	23.1	22.2	23.3	22.6	23.6	24.0
x=4H y=3H	22.5	23.4	22.9	23.8	24.2	23.4	24.3	23.8	24.7	25.1
x=4H y=4H	22.9	23.7	23.4	24.1	24.6	23.8	24.6	24.2	25.0	25.4
x=4H y=6H	23.2	23.9	23.7	24.3	24.8	24.0	24.7	24.4	25.1	25.6
x=4H y=8H	23.3	23.9	23.7	24.3	24.8	24.0	24.7	24.5	25.1	25.6
x=4H y=12H	23.3	23.9	23.8	24.3	24.8	24.0	24.6	24.5	25.1	25.6
x=8H y=4H	23.1	23.8	23.6	24.2	24.7	23.9	24.5	24.4	25.0	25.5
x=8H y=6H	23.4	24.0	23.9	24.4	24.9	24.2	24.7	24.6	25.2	25.7
x=8H y=8H	23.5	24.0	24.1	24.5	25.0	24.2	24.7	24.8	25.2	25.7
x=8H y=12H	23.6	24.0	24.1	24.5	25.1	24.3	24.7	24.8	25.2	25.7
x=12H y=4H	23.1	23.7	23.6	24.1	24.6	23.9	24.5	24.4	24.9	25.4
x=12H y=6H	23.4	23.9	24.0	24.4	25.0	24.2	24.6	24.7	25.1	25.7
x=12H y=8H	23.6	24.0	24.1	24.5	25.0	24.3	24.6	24.8	25.2	25.7

Luminaire

Code 90475L090

Name TTP 70 L1030 TUP 840 HO SENSOR

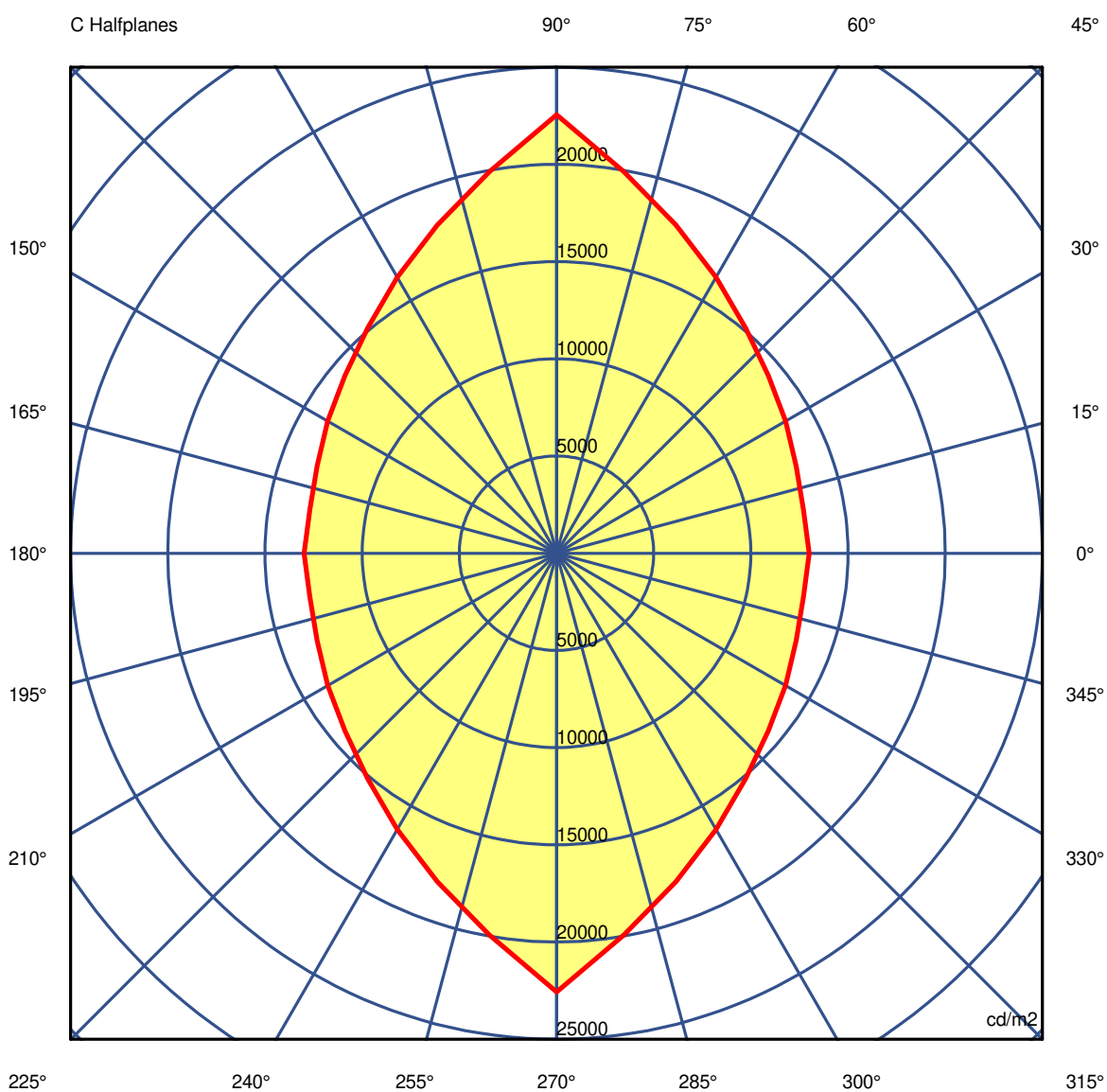
Measurem.

Code 3/7/2023

Name TTP 70 L1030 TUP 840 HO SENSOR

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 90475L090

Name TTP 70 L1030 TUP 840 HO SENSOR

Measurement

Code 3/7/2023

Name TTP 70 L1030 TUP 840 HO SENSOR

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	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	
G 5.0	26587	26328	26378	26684	26931	26920	26609	26143	25897	25952	25897	26143	26609	
G 10.0	21918	21749	21811	22163	22880	24361	26026	26563	26329	25848	26329	26563	26026	
G 15.0	20946	20783	20819	20966	21072	21405	22754	25556	26858	25665	26858	25556	22754	
G 20.0	19477	19360	19435	19712	20236	20729	21174	24131	26065	25440	26065	24131	21174	
G 25.0	18137	18091	18255	18618	19128	19753	20672	22397	24010	25092	24010	22397	20672	
G 30.0	16800	16674	16799	17223	17950	18862	19794	20708	22254	24756	22254	20708	19794	
G 35.0	15481	15320	15549	16104	16738	17599	18620	19582	21301	24261	21301	19582	18620	
G 40.0	14274	14185	14366	14813	15494	16494	17745	18972	20918	23782	20918	18972	17745	
G 45.0	12987	12899	13118	13602	14217	15125	16403	17967	19934	22556	19934	17967	16403	
G 50.0	11672	11594	11769	12225	12948	13912	15095	16533	18487	21327	18487	16533	15095	
G 55.0	10308	10243	10405	10791	11416	12245	13308	14970	16990	19427	16990	14970	13308	
G 60.0	8676	8616	8836	9261	9723	10498	11726	13235	15017	17425	15017	13235	11726	
G 65.0	7054	7025	7224	7613	8067	8702	9626	10852	12390	14603	12390	10852	9626	
G 70.0	5537	5505	5673	5989	6315	6765	7468	8471	9724	11545	9724	8471	7468	
G 75.0	4157	4122	4191	4351	4584	4920	5383	5997	6918	8712	6918	5997	5383	
G 80.0	2648	2622	2673	2807	3017	3250	3470	3711	4263	5909	4263	3711	3470	
G 85.0	1231	1215	1247	1319	1419	1602	1901	2079	2139	2102	2139	2079	1901	
G 90.0	608	610	633	685	772	893	1022	1110	1191	1590	1191	1110	1022	

Luminaire

Code 90475L090

Name TTP 70 L1030 TUP 840 HO SENSOR

Measurement

Code 3/7/2023

Name TTP 70 L1030 TUP 840 HO SENSOR

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	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262
G 5.0	26920	26931	26684	26378	26328	26587	26328	26378	26684	26931	26920	26609	26143	26143	26143
G 10.0	24361	22880	22163	21811	21749	21918	21749	21811	22163	22880	24361	26026	26563	26563	26563
G 15.0	21405	21072	20966	20819	20783	20946	20783	20819	20966	21072	21405	22754	25556	25556	25556
G 20.0	20729	20236	19712	19435	19360	19477	19360	19435	19712	20236	20729	21174	24131	24131	24131
G 25.0	19753	19128	18618	18255	18091	18137	18091	18255	18618	19128	19753	20672	22397	22397	22397
G 30.0	18862	17950	17223	16799	16674	16800	16674	16799	17223	17950	18862	19794	20708	20708	20708
G 35.0	17599	16738	16104	15549	15320	15481	15320	15549	16104	16738	17599	18620	19582	19582	19582
G 40.0	16494	15494	14813	14366	14185	14274	14185	14366	14813	15494	16494	17745	18972	18972	18972
G 45.0	15125	14217	13602	13118	12899	12987	12899	13118	13602	14217	15125	16403	17967	17967	17967
G 50.0	13912	12948	12225	11769	11594	11672	11594	11769	12225	12948	13912	15095	16533	16533	16533
G 55.0	12245	11416	10791	10405	10243	10308	10243	10405	10791	11416	12245	13308	14970	14970	14970
G 60.0	10498	9723	9261	8836	8616	8676	8616	8836	9261	9723	10498	11726	13235	13235	13235
G 65.0	8702	8067	7613	7224	7025	7054	7025	7224	7613	8067	8702	9626	10852	10852	10852
G 70.0	6765	6315	5989	5673	5505	5537	5505	5673	5989	6315	6765	7468	8471	8471	8471
G 75.0	4920	4584	4351	4191	4122	4157	4122	4191	4351	4584	4920	5383	5997	5997	5997
G 80.0	3250	3017	2807	2673	2622	2648	2622	2673	2807	3017	3250	3470	3711	3711	3711
G 85.0	1602	1419	1319	1247	1215	1231	1215	1247	1319	1419	1602	1901	2079	2079	2079
G 90.0	893	772	685	633	610	608	610	633	685	772	893	1022	1110	1110	1110

Luminaire

Code 90475L090

Name TTP 70 L1030 TUP 840 HO SENSOR

Measurem.

Code 3/7/2023

Name TTP 70 L1030 TUP 840 HO SENSOR

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	26262	26262	26262	26262	26262	26262	26262	26262	26262	26262
G 5.0	25897	25952	25897	26143	26609	26920	26931	26684	26378	26328
G 10.0	26329	25848	26329	26563	26026	24361	22880	22163	21811	21749
G 15.0	26858	25665	26858	25556	22754	21405	21072	20966	20819	20783
G 20.0	26065	25440	26065	24131	21174	20729	20236	19712	19435	19360
G 25.0	24010	25092	24010	22397	20672	19753	19128	18618	18255	18091
G 30.0	22254	24756	22254	20708	19794	18862	17950	17223	16799	16674
G 35.0	21301	24261	21301	19582	18620	17599	16738	16104	15549	15320
G 40.0	20918	23782	20918	18972	17745	16494	15494	14813	14366	14185
G 45.0	19934	22556	19934	17967	16403	15125	14217	13602	13118	12899
G 50.0	18487	21327	18487	16533	15095	13912	12948	12225	11769	11594
G 55.0	16990	19427	16990	14970	13308	12245	11416	10791	10405	10243
G 60.0	15017	17425	15017	13235	11726	10498	9723	9261	8836	8616
G 65.0	12390	14603	12390	10852	9626	8702	8067	7613	7224	7025
G 70.0	9724	11545	9724	8471	7468	6765	6315	5989	5673	5505
G 75.0	6918	8712	6918	5997	5383	4920	4584	4351	4191	4122
G 80.0	4263	5909	4263	3711	3470	3250	3017	2807	2673	2622
G 85.0	2139	2102	2139	2079	1901	1602	1419	1319	1247	1215
G 90.0	1191	1590	1191	1110	1022	893	772	685	633	610