

**Luminaire**

Code 90474L120

Name TTP 70 L1310 TOP K3 840 HO SENSOR

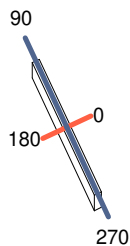
**Measurem.**

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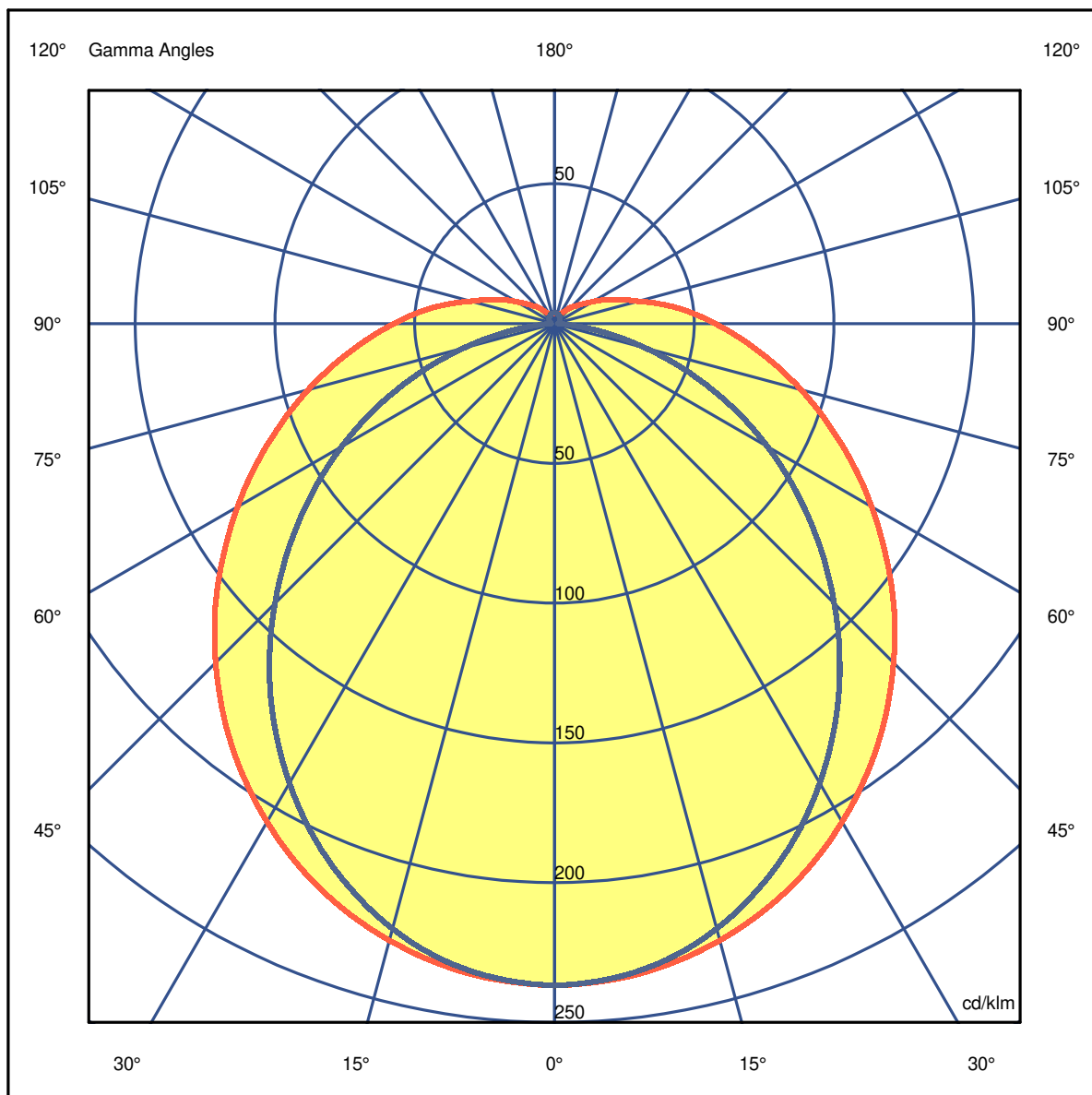
Luminaire Flux	7034 lm	Luminaire Power	50.6 W	Efficacy	138.908 lm/W	Efficiency	81.26%
Source Flux	8656 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1310mm x 70mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



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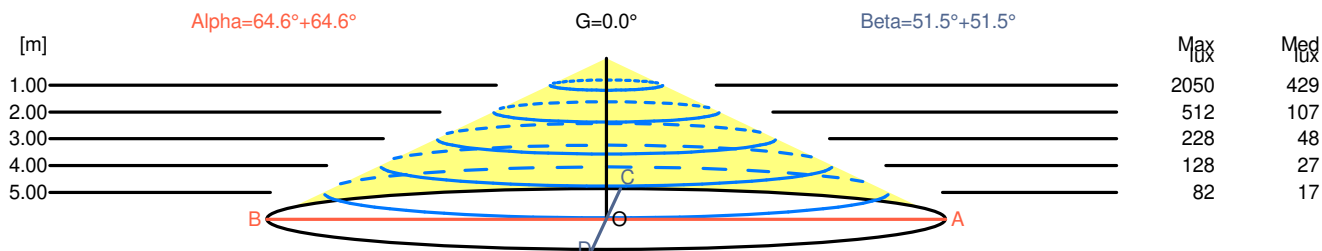
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Luminaire Flux	7034 lm	Luminaire Power	50.6 W	Efficacy	138.908 lm/W	Efficiency	81.26%
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Width at 50.00 % of Max Intensity

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	2.11	4.22	6.33	8.44	10.55	OC	1.26	2.52	3.78	5.04	6.30
OB	2.11	4.22	6.33	8.44	10.55	OD	1.26	2.52	3.78	5.04	6.30

	0	5	15	25	35	45	55	65	75	85
OA	2049.74	2039.35	1977.03	1860.17	1692.25	1484.50	1252.52	1016.21	790.29	586.01
OB	2049.74	2039.35	1977.03	1860.17	1692.25	1484.50	1252.52	1016.21	790.29	586.01
OC	2049.74	2035.03	1939.81	1758.90	1513.93	1224.82	917.54	603.32	292.57	50.20
OD	2049.74	2035.03	1939.81	1758.90	1513.93	1224.82	917.54	603.32	292.57	50.20



H[m]	D[m]	Max lux	Med lux	Alpha=64.6°+64.6°	G=0.0	
1.00	4.22	2050	429			
2.00	8.44	512	107			
3.00	12.65	228	48			
4.00	16.87	128	27			
5.00	21.09	82	17			

H[m]	D[m]	Max lux	Med lux	Beta=51.5°+51.5°	G=0.0	
1.00	2.52	2050	429			
2.00	5.04	512	107			
3.00	7.56	228	48			
4.00	10.07	128	27			
5.00	12.59	82	17			

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Luminaire Flux	7034 lm	Luminaire Power	50.6 W	Efficacy	138.908 lm/W	Efficiency	81.26%
Source Flux	8656 lm	Maximum value	236.80 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	20.3	21.6	20.7	22.0	22.4	20.2	21.5	20.6	21.9	22.3
x=2H y=3H	22.0	23.2	22.5	23.6	24.1	21.5	22.7	21.9	23.1	23.5
x=2H y=4H	22.8	23.9	23.3	24.4	24.8	22.0	23.1	22.4	23.5	24.0
x=2H y=6H	23.6	24.6	24.1	25.1	25.6	22.2	23.3	22.7	23.7	24.2
x=2H y=8H	24.0	25.0	24.5	25.4	25.9	22.3	23.3	22.8	23.8	24.3
x=2H y=12H	24.3	25.2	24.8	25.7	26.2	22.3	23.3	22.8	23.7	24.3
x=4H y=2H	20.8	21.9	21.3	22.4	22.8	20.7	21.8	21.2	22.3	22.7
x=4H y=3H	22.8	23.7	23.3	24.2	24.7	22.2	23.2	22.7	23.7	24.2
x=4H y=4H	23.8	24.6	24.3	25.1	25.7	22.8	23.7	23.4	24.2	24.7
x=4H y=6H	24.7	25.5	25.3	26.0	26.6	23.2	24.0	23.8	24.5	25.1
x=4H y=8H	25.2	25.8	25.7	26.4	27.0	23.3	24.0	23.9	24.6	25.2
x=4H y=12H	25.6	26.2	26.2	26.8	27.4	23.4	24.0	23.9	24.6	25.2
x=8H y=4H	24.0	24.7	24.6	25.3	25.9	23.2	23.9	23.8	24.4	25.0
x=8H y=6H	25.2	25.7	25.8	26.3	27.0	23.8	24.3	24.3	24.9	25.6
x=8H y=8H	25.8	26.3	26.4	26.9	27.5	24.0	24.5	24.6	25.1	25.7
x=8H y=12H	26.4	26.8	27.0	27.4	28.1	24.1	24.5	24.7	25.2	25.8
x=12H y=4H	24.0	24.7	24.6	25.2	25.8	23.3	23.9	23.8	24.4	25.1
x=12H y=6H	25.2	25.8	25.8	26.3	27.0	23.9	24.4	24.5	25.0	25.7
x=12H y=8H	25.9	26.3	26.5	27.0	27.7	24.2	24.6	24.8	25.3	25.9

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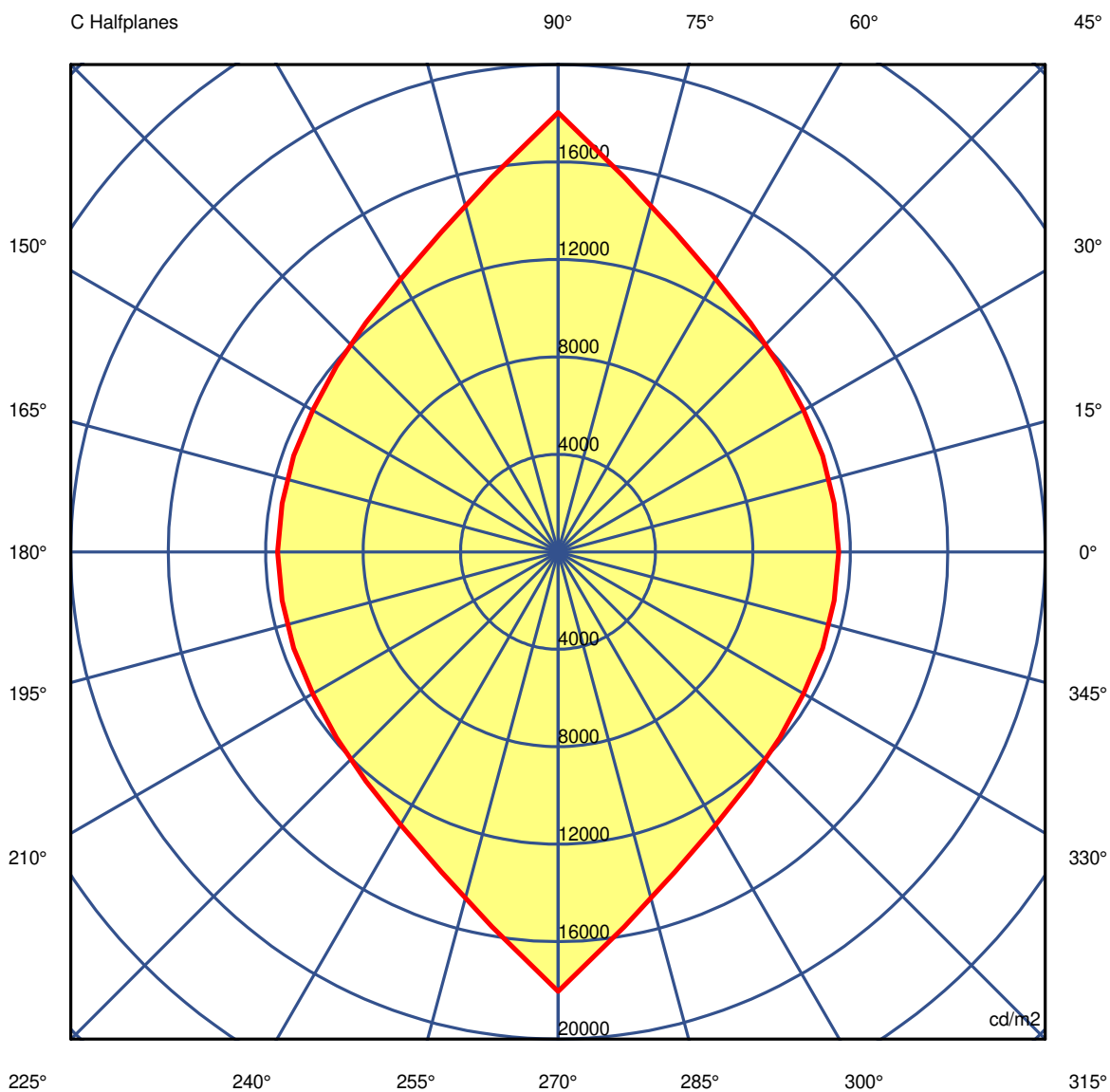
**Measurem.**

Code 3/7/2023

Name TTP 70 L1310 TOP K3 840 HO SENSOR

Luminaire Flux	7034 lm	Luminaire Power	50.6 W	Efficacy	138.908 lm/W	Efficiency	81.26%
Source Flux	8656 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**

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**Measur.**

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Luminaire Flux	7034 lm		Luminaire Power		50.6 W		Efficacy		138.908 lm/W		Efficiency		81.26%	
Source Flux	8656 lm		Maximum value		236.80 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	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	
G 5.0	20654	20690	20740	20825	20994	21199	21427	21707	22008	22309	22008	21707	21427	
G 10.0	19094	19127	19222	19381	19627	19963	20381	20874	21439	22068	21439	20874	20381	
G 15.0	17712	17753	17867	18058	18367	18788	19323	19992	20796	21722	20796	19992	19323	
G 20.0	16487	16498	16616	16820	17177	17657	18268	19071	20077	21273	20077	19071	18268	
G 25.0	15358	15370	15478	15685	16038	16538	17211	18118	19300	20773	19300	18118	17211	
G 30.0	14309	14317	14416	14603	14941	15454	16164	17125	18445	20188	18445	17125	16164	
G 35.0	13332	13314	13399	13576	13887	14367	15077	16109	17570	19543	17570	16109	15077	
G 40.0	12404	12391	12453	12581	12850	13306	14008	15059	16621	18838	16621	15059	14008	
G 45.0	11517	11506	11548	11637	11872	12280	12932	13983	15620	18036	15620	13983	12932	
G 50.0	10685	10652	10669	10723	10906	11258	11855	12861	14544	17204	14544	12861	11855	
G 55.0	9868	9830	9834	9854	9975	10254	10769	11681	13374	16300	13374	11681	10769	
G 60.0	9108	9055	9039	9025	9086	9284	9709	10537	12196	15274	12196	10537	9709	
G 65.0	8390	8332	8295	8242	8244	8342	8618	9280	10832	14044	10832	9280	8618	
G 70.0	7706	7638	7587	7503	7444	7447	7559	7939	9217	12436	9217	7939	7559	
G 75.0	7080	7007	6939	6818	6695	6589	6519	6597	7463	10330	7463	6597	6519	
G 80.0	6477	6410	6329	6178	6016	5815	5536	5235	5488	7503	5488	5235	5536	
G 85.0	5935	5857	5769	5601	5379	5087	4661	4031	3575	3915	3575	4031	4661	
G 90.0	5461	5386	5288	5095	4839	4481	3927	3076	2304	2120	2304	3076	3927	

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Luminaire Flux	7034 lm		Luminaire Power		50.6 W		Efficacy		138.908 lm/W		Efficiency		81.26%	
Source Flux	8656 lm		Maximum value		236.80 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	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	
G 5.0	21199	20994	20825	20740	20690	20654	20690	20740	20825	20994	21199	21427	21707	
G 10.0	19963	19627	19381	19222	19127	19094	19127	19222	19381	19627	19963	20381	20874	
G 15.0	18788	18367	18058	17867	17753	17712	17753	17867	18058	18367	18788	19323	19992	
G 20.0	17657	17177	16820	16616	16498	16487	16498	16616	16820	17177	17657	18268	19071	
G 25.0	16538	16038	15685	15478	15370	15358	15370	15478	15685	16038	16538	17211	18118	
G 30.0	15454	14941	14603	14416	14317	14309	14317	14416	14603	14941	15454	16164	17125	
G 35.0	14367	13887	13576	13399	13314	13332	13314	13399	13576	13887	14367	15077	16109	
G 40.0	13306	12850	12581	12453	12391	12404	12391	12453	12581	12850	13306	14008	15059	
G 45.0	12280	11872	11637	11548	11506	11517	11506	11548	11637	11872	12280	12932	13983	
G 50.0	11258	10906	10723	10669	10652	10685	10652	10669	10723	10906	11258	11855	12861	
G 55.0	10254	9975	9854	9834	9830	9868	9830	9834	9854	9975	10254	10769	11681	
G 60.0	9284	9086	9025	9039	9055	9108	9055	9039	9025	9086	9284	9709	10537	
G 65.0	8342	8244	8242	8295	8332	8390	8332	8295	8242	8244	8342	8618	9280	
G 70.0	7447	7444	7503	7587	7638	7706	7638	7587	7503	7444	7447	7559	7939	
G 75.0	6589	6695	6818	6939	7007	7080	7007	6939	6818	6695	6589	6519	6597	
G 80.0	5815	6016	6178	6329	6410	6477	6410	6329	6178	6016	5815	5536	5235	
G 85.0	5087	5379	5601	5769	5857	5935	5857	5769	5601	5379	5087	4661	4031	
G 90.0	4481	4839	5095	5288	5386	5461	5386	5288	5095	4839	4481	3927	3076	

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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	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490
G 5.0	22008	22309	22008	21707	21427	21199	20994	20825	20740	20690
G 10.0	21439	22068	21439	20874	20381	19963	19627	19381	19222	19127
G 15.0	20796	21722	20796	19992	19323	18788	18367	18058	17867	17753
G 20.0	20077	21273	20077	19071	18268	17657	17177	16820	16616	16498
G 25.0	19300	20773	19300	18118	17211	16538	16038	15685	15478	15370
G 30.0	18445	20188	18445	17125	16164	15454	14941	14603	14416	14317
G 35.0	17570	19543	17570	16109	15077	14367	13887	13576	13399	13314
G 40.0	16621	18838	16621	15059	14008	13306	12850	12581	12453	12391
G 45.0	15620	18036	15620	13983	12932	12280	11872	11637	11548	11506
G 50.0	14544	17204	14544	12861	11855	11258	10906	10723	10669	10652
G 55.0	13374	16300	13374	11681	10769	10254	9975	9854	9834	9830
G 60.0	12196	15274	12196	10537	9709	9284	9086	9025	9039	9055
G 65.0	10832	14044	10832	9280	8618	8342	8244	8242	8295	8332
G 70.0	9217	12436	9217	7939	7559	7447	7444	7503	7587	7638
G 75.0	7463	10330	7463	6597	6519	6589	6695	6818	6939	7007
G 80.0	5488	7503	5488	5235	5536	5815	6016	6178	6329	6410
G 85.0	3575	3915	3575	4031	4661	5087	5379	5601	5769	5857
G 90.0	2304	2120	2304	3076	3927	4481	4839	5095	5288	5386