

Luminaire

Code 90551L120

Name TTP 70 COLOUR L1180 TOP K3 840 LO

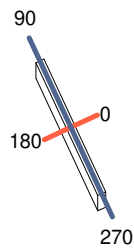
Measurem.

Code 3/7/2023

Name TTP 70 COLOUR L1180 TOP K3 840 LO

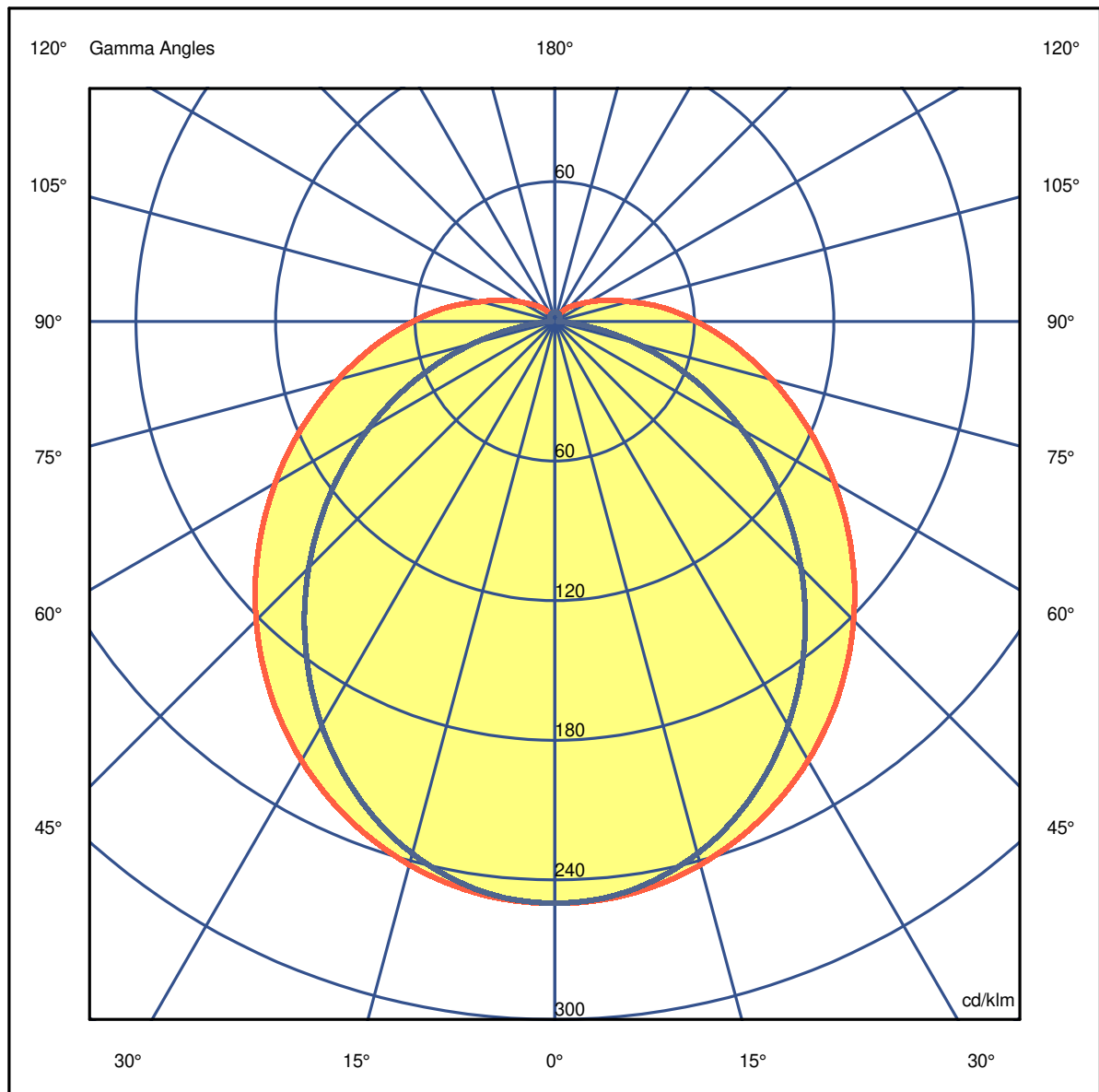
Luminaire Flux	3376 lm	Luminaire Power	21.4 W	Efficacy	157.693 lm/W	Efficiency	85.86%
Source Flux	3932 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1180mm x 70mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90551L120
Name TTP 70 COLOUR L1180 TOP K3 840 LO

Measurem.

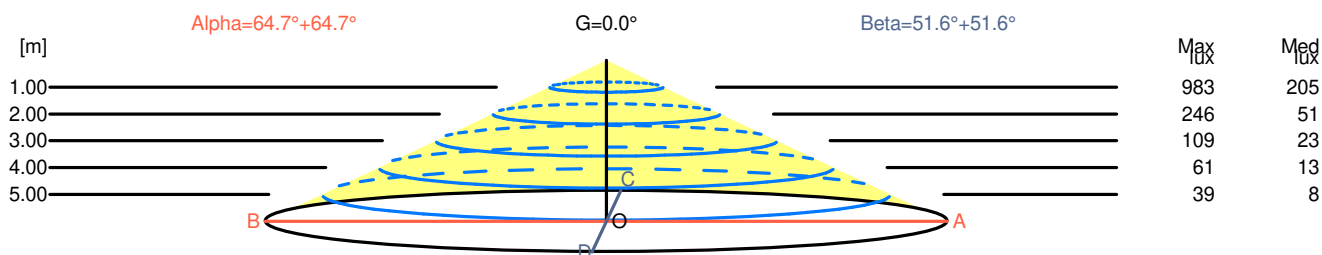
Code 3/7/2023
Name TTP 70 COLOUR L1180 TOP K3 840 LO

Luminaire Flux	3376 lm	Luminaire Power	21.4 W	Efficacy	157.693 lm/W	Efficiency	85.86%
Source Flux	3932 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	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	2.12	4.24	6.36	8.48	10.60	OC	1.26	2.52	3.79	5.05	6.31
OB	2.12	4.24	6.36	8.48	10.60	OD	1.26	2.52	3.79	5.05	6.31

	0	5	15	25	35	45	55	65	75	85
OA	983.39	980.25	950.36	893.74	813.53	714.05	602.78	488.75	379.83	282.32
OB	983.39	980.25	950.36	893.74	813.53	714.05	602.78	488.75	379.83	282.32
OC	983.39	977.50	930.70	843.81	725.45	588.23	441.17	289.40	141.16	23.99
OD	983.39	977.50	930.70	843.81	725.45	588.23	441.17	289.40	141.16	23.99



H[m]	D[m]	Max lux	Med lux	Alpha=64.7°+64.7°	G=0.0	
1.00	4.24	983	205			
2.00	8.48	246	51			
3.00	12.72	109	23			
4.00	16.96	61	13			
5.00	21.20	39	8			

H[m]	D[m]	Max lux	Med lux	Beta=51.6°+51.6°	G=0.0	
1.00	2.52	983	205			
2.00	5.05	246	51			
3.00	7.57	109	23			
4.00	10.10	61	13			
5.00	12.62	39	8			

Luminaire

Code 90551L120
Name TTP 70 COLOUR L1180 TOP K3 840 LO

Measurement

Code 3/7/2023
Name TTP 70 COLOUR L1180 TOP K3 840 LO

Luminaire Flux	3376 lm	Luminaire Power	21.4 W	Efficacy	157.693 lm/W	Efficiency	85.86%
Source Flux	3932 lm	Maximum value	250.10 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	18.1	19.4	18.5	19.8	20.2	18.0	19.3	18.4	19.6	20.1
x=2H y=3H	19.8	21.0	20.3	21.4	21.9	19.3	20.5	19.7	20.9	21.3
x=2H y=4H	20.6	21.7	21.1	22.2	22.7	19.8	20.8	20.2	21.3	21.8
x=2H y=6H	21.4	22.4	21.9	22.9	23.4	20.0	21.1	20.5	21.5	22.0
x=2H y=8H	21.8	22.7	22.3	23.2	23.7	20.1	21.1	20.6	21.6	22.1
x=2H y=12H	22.1	23.0	22.6	23.5	24.0	20.1	21.0	20.6	21.5	22.0
x=4H y=2H	18.6	19.7	19.1	20.2	20.7	18.5	19.6	19.0	20.1	20.5
x=4H y=3H	20.6	21.5	21.1	22.0	22.5	20.0	21.0	20.5	21.4	22.0
x=4H y=4H	21.6	22.4	22.1	22.9	23.5	20.6	21.5	21.1	22.0	22.5
x=4H y=6H	22.5	23.3	23.1	23.8	24.4	21.0	21.8	21.6	22.3	22.9
x=4H y=8H	23.0	23.7	23.5	24.2	24.8	21.1	21.8	21.7	22.4	22.9
x=4H y=12H	23.4	24.0	24.0	24.6	25.2	21.2	21.8	21.7	22.3	23.0
x=8H y=4H	21.8	22.5	22.4	23.1	23.7	21.0	21.7	21.5	22.2	22.8
x=8H y=6H	23.0	23.6	23.6	24.1	24.8	21.6	22.1	22.1	22.7	23.4
x=8H y=8H	23.6	24.1	24.2	24.7	25.3	21.8	22.3	22.4	22.9	23.5
x=8H y=12H	24.2	24.6	24.8	25.2	25.9	21.9	22.3	22.5	22.9	23.6
x=12H y=4H	21.8	22.5	22.4	23.0	23.7	21.0	21.7	21.6	22.2	22.9
x=12H y=6H	23.1	23.6	23.7	24.2	24.8	21.7	22.2	22.3	22.8	23.5
x=12H y=8H	23.7	24.1	24.3	24.8	25.4	22.0	22.4	22.6	23.0	23.7

Luminaire

Code 90551L120

Name TTP 70 COLOUR L1180 TOP K3 840 LO

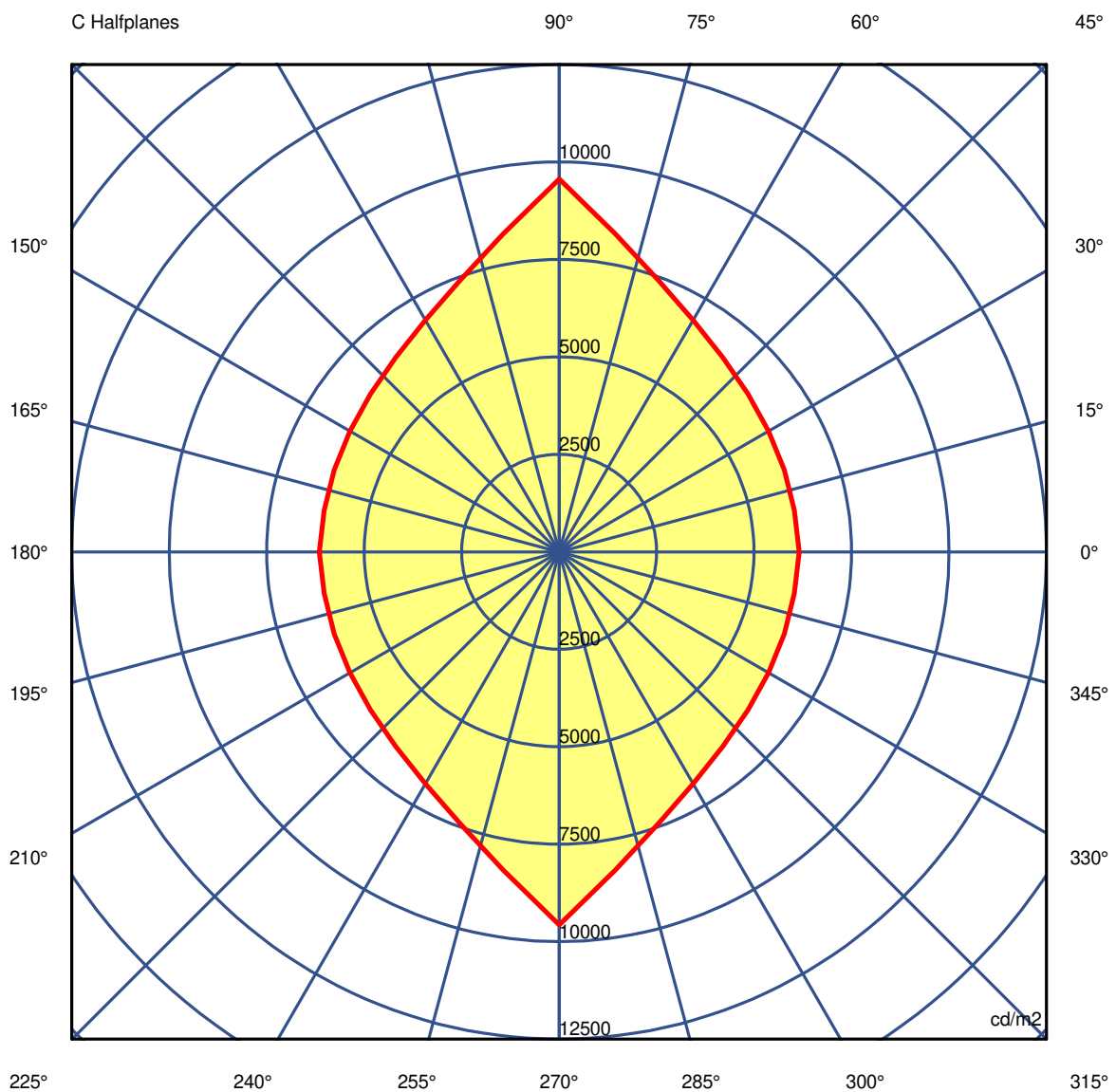
Measurem.

Code 3/7/2023

Name TTP 70 COLOUR L1180 TOP K3 840 LO

Luminaire Flux	3376 lm	Luminaire Power	21.4 W	Efficacy	157.693 lm/W	Efficiency	85.86%
Source Flux	3932 lm	Maximum value	250.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90551L120

Name TTP 70 COLOUR L1180 TOP K3 840 LO

Measurement.

Code 3/7/2023

Name TTP 70 COLOUR L1180 TOP K3 840 LO

Luminaire Flux	3376 lm		Luminaire Power		21.4 W		Efficacy		157.693 lm/W		Efficiency		85.86%	
Source Flux	3932 lm		Maximum value		250.10 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	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	
G 5.0	11029	11020	11047	11104	11184	11287	11410	11558	11722	11898	11722	11558	11410	
G 10.0	10194	10187	10230	10322	10458	10632	10844	11104	11409	11751	11409	11104	10844	
G 15.0	9458	9456	9510	9619	9782	10001	10284	10636	11063	11560	11063	10636	10284	
G 20.0	8795	8795	8850	8962	9141	9390	9718	10146	10682	11327	10682	10146	9718	
G 25.0	8198	8187	8241	8355	8535	8793	9148	9627	10255	11041	10255	9627	9148	
G 30.0	7642	7625	7671	7777	7951	8212	8583	9098	9803	10726	9803	9098	8583	
G 35.0	7120	7097	7133	7223	7385	7637	8010	8552	9320	10362	9320	8552	8010	
G 40.0	6624	6599	6627	6700	6845	7078	7437	7991	8817	9986	8817	7991	7437	
G 45.0	6154	6124	6144	6199	6312	6519	6867	7420	8284	9568	8284	7420	6867	
G 50.0	5708	5670	5676	5712	5802	5978	6289	6821	7714	9126	7714	6821	6289	
G 55.0	5275	5239	5236	5249	5308	5447	5720	6217	7115	8639	7115	6217	5720	
G 60.0	4870	4826	4809	4801	4834	4929	5137	5577	6456	8061	6456	5577	5137	
G 65.0	4483	4435	4411	4387	4381	4424	4566	4907	5717	7399	5717	4907	4566	
G 70.0	4113	4066	4035	3992	3958	3949	3999	4204	4882	6561	4882	4204	3999	
G 75.0	3780	3730	3690	3628	3559	3498	3457	3483	3929	5436	3929	3483	3457	
G 80.0	3463	3415	3369	3291	3193	3080	2935	2766	2888	3938	2888	2766	2935	
G 85.0	3176	3119	3067	2979	2858	2695	2461	2124	1874	1994	1874	2124	2461	
G 90.0	2919	2865	2808	2707	2569	2378	2085	1623	1198	1043	1198	1623	2085	

Luminaire

Code 90551L120

Name TTP 70 COLOUR L1180 TOP K3 840 LO

Measurem.

Code 3/7/2023

Name TTP 70 COLOUR L1180 TOP K3 840 LO

Luminaire Flux	3376 lm		Luminaire Power		21.4 W		Efficacy		157.693 lm/W		Efficiency		85.86%	
Source Flux	3932 lm		Maximum value		250.10 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	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987	
G 5.0	11287	11184	11104	11047	11020	11029	11020	11047	11104	11184	11287	11410	11558	
G 10.0	10632	10458	10322	10230	10187	10194	10187	10230	10322	10458	10632	10844	11104	
G 15.0	10001	9782	9619	9510	9456	9458	9456	9510	9619	9782	10001	10284	10636	
G 20.0	9390	9141	8962	8850	8795	8795	8795	8850	8962	9141	9390	9718	10146	
G 25.0	8793	8535	8355	8241	8187	8198	8187	8241	8355	8535	8793	9148	9627	
G 30.0	8212	7951	7777	7671	7625	7642	7625	7671	7777	7951	8212	8583	9098	
G 35.0	7637	7385	7223	7133	7097	7120	7097	7133	7223	7385	7637	8010	8552	
G 40.0	7078	6845	6700	6627	6599	6624	6599	6627	6700	6845	7078	7437	7991	
G 45.0	6519	6312	6199	6144	6124	6154	6124	6144	6199	6312	6519	6867	7420	
G 50.0	5978	5802	5712	5676	5670	5708	5670	5676	5712	5802	5978	6289	6821	
G 55.0	5447	5308	5249	5236	5239	5275	5239	5236	5249	5308	5447	5720	6217	
G 60.0	4929	4834	4801	4809	4826	4870	4826	4809	4801	4834	4929	5137	5577	
G 65.0	4424	4381	4387	4411	4435	4483	4435	4411	4387	4381	4424	4566	4907	
G 70.0	3949	3958	3992	4035	4066	4113	4066	4035	3992	3958	3949	3999	4204	
G 75.0	3498	3559	3628	3690	3730	3780	3730	3690	3628	3559	3498	3457	3483	
G 80.0	3080	3193	3291	3369	3415	3463	3415	3369	3291	3193	3080	2935	2766	
G 85.0	2695	2858	2979	3067	3119	3176	3119	3067	2979	2858	2695	2461	2124	
G 90.0	2378	2569	2707	2808	2865	2919	2865	2808	2707	2569	2378	2085	1623	

Luminaire

Code 90551L120

Name TTP 70 COLOUR L1180 TOP K3 840 LO

Measurem.

Code 3/7/2023

Name TTP 70 COLOUR L1180 TOP K3 840 LO

Luminaire Flux	3376 lm	Luminaire Power	21.4 W	Efficacy	157.693 lm/W	Efficiency	85.86%
Source Flux	3932 lm	Maximum value	250.10 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	11987	11987	11987	11987	11987	11987	11987	11987	11987	11987
G 5.0	11722	11898	11722	11558	11410	11287	11184	11104	11047	11020
G 10.0	11409	11751	11409	11104	10844	10632	10458	10322	10230	10187
G 15.0	11063	11560	11063	10636	10284	10001	9782	9619	9510	9456
G 20.0	10682	11327	10682	10146	9718	9390	9141	8962	8850	8795
G 25.0	10255	11041	10255	9627	9148	8793	8535	8355	8241	8187
G 30.0	9803	10726	9803	9098	8583	8212	7951	7777	7671	7625
G 35.0	9320	10362	9320	8552	8010	7637	7385	7223	7133	7097
G 40.0	8817	9986	8817	7991	7437	7078	6845	6700	6627	6599
G 45.0	8284	9568	8284	7420	6867	6519	6312	6199	6144	6124
G 50.0	7714	9126	7714	6821	6289	5978	5802	5712	5676	5670
G 55.0	7115	8639	7115	6217	5720	5447	5308	5249	5236	5239
G 60.0	6456	8061	6456	5577	5137	4929	4834	4801	4809	4826
G 65.0	5717	7399	5717	4907	4566	4424	4381	4387	4411	4435
G 70.0	4882	6561	4882	4204	3999	3949	3958	3992	4035	4066
G 75.0	3929	5436	3929	3483	3457	3498	3559	3628	3690	3730
G 80.0	2888	3938	2888	2766	2935	3080	3193	3291	3369	3415
G 85.0	1874	1994	1874	2124	2461	2695	2858	2979	3067	3119
G 90.0	1198	1043	1198	1623	2085	2378	2569	2707	2808	2865