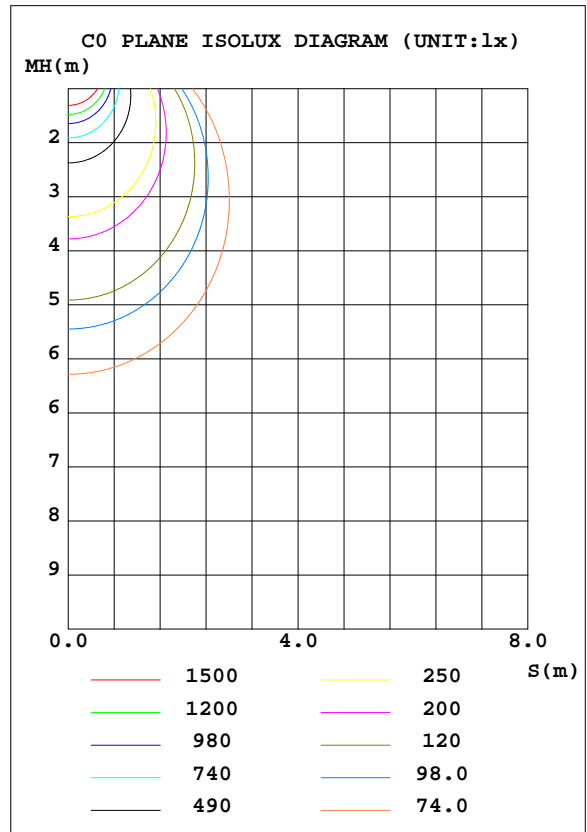
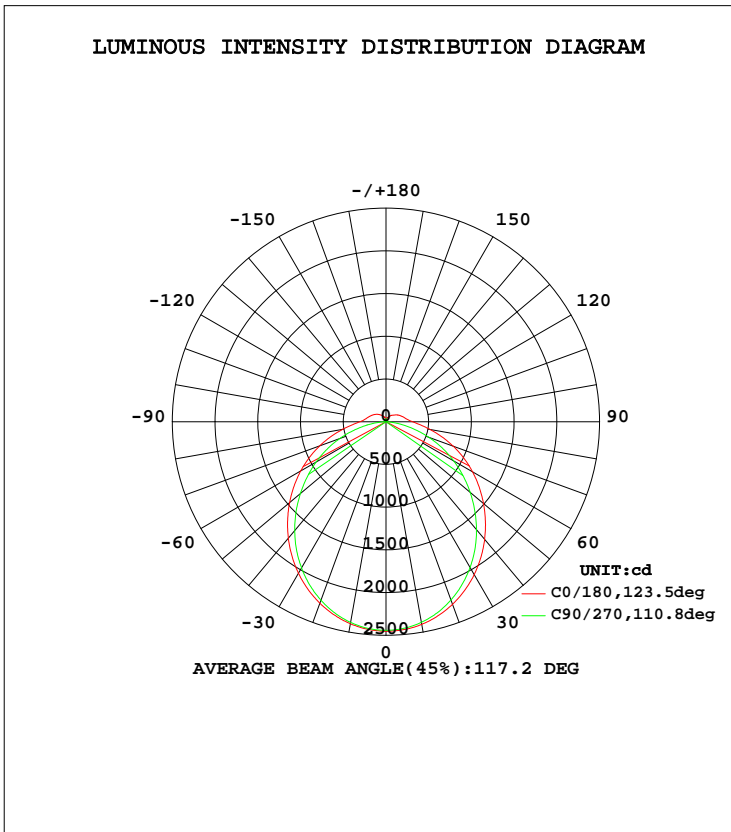


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm		
NAME: TP-TRB5P2-60FP1-EEB2	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:1500*80MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.71 lm/W			
MODEL		I <sub>max</sub> (cd)	2452	S/MH(C0/180)	1.25
NOMINAL POWER(W)	58	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	7665.0	η UP, DN(C0-180)	3.8, 45.9
NOMINAL FLUX(lm)	7665	CIE CLASS	DIRECT	η UP, DN(C180-360)	4.0, 46.3
LAMPS INSIDE	1	η up(%)	7.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	229.6	η down(%)	92.2	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:  
 Test Date:2019-05-27

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity:51%  
 Test Distance:10.890m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	2442	2433	2427	2425	2438	2431	2428	2426	0- 5	58.28	58.28	0.76,0.76
10	2409	2396	2384	2388	2401	2392	2385	2389	5- 10	172.6	230.8	3.01,3.01
15	2351	2335	2315	2324	2341	2327	2317	2326	10- 15	280.1	511.0	6.67,6.67
20	2274	2251	2221	2239	2261	2242	2224	2242	15- 20	376.9	887.9	11.6,11.6
25	2179	2145	2105	2133	2163	2137	2111	2137	20- 25	459.6	1348	17.6,17.6
30	2066	2023	1969	2010	2049	2013	1977	2015	25- 30	525.6	1873	24.4,24.4
35	1937	1884	1816	1871	1919	1876	1827	1878	30- 35	572.9	2446	31.9,31.9
40	1796	1732	1648	1720	1778	1726	1662	1728	35- 40	600.4	3046	39.7,39.7
45	1646	1569	1470	1558	1629	1566	1489	1568	40- 45	608.1	3654	47.7,47.7
50	1490	1401	1286	1392	1473	1400	1308	1402	45- 50	597.0	4251	55.5,55.5
55	1331	1231	1100	1222	1314	1233	1126	1234	50- 55	568.9	4820	62.9,62.9
60	1168	1059	914.4	1052	1153	1065	945.0	1066	55- 60	526.1	5346	69.8,69.8
65	1004	886.1	725.6	880.9	990.0	896.9	762.4	897.2	60- 65	469.8	5816	75.9,75.9
70	837.1	711.9	533.8	708.0	825.8	725.9	576.4	725.6	65- 70	401.3	6217	81.1,81.1
75	674.4	541.9	348.6	539.3	663.8	558.9	391.0	557.8	70- 75	323.6	6541	85.3,85.3
80	523.3	384.4	182.1	382.7	515.6	404.3	224.7	403.2	75- 80	242.9	6784	88.5,88.5
85	399.3	262.6	54.05	262.2	391.0	277.9	86.96	276.1	80- 85	168.9	6953	90.7,90.7
90	313.0	190.0	7.186	189.0	306.6	196.2	12.00	194.0	85- 90	114.3	7067	92.2,92.2
95	261.7	134.2	7.607	158.7	259.4	159.6	9.158	156.9	90- 95	86.55	7154	93.3,93.3
100	233.0	127.3	9.202	144.1	233.8	144.1	10.44	140.7	95-100	74.00	7228	94.3,94.3
105	213.3	123.0	10.70	132.7	214.5	132.7	12.02	128.9	100-105	67.17	7295	95.2,95.2
110	194.1	114.3	12.33	123.3	197.4	123.3	13.95	118.7	105-110	60.91	7356	96.96
115	177.4	105.0	14.15	114.2	182.1	114.4	15.92	107.4	110-115	54.79	7411	96.7,96.7
120	160.5	89.76	16.06	105.2	167.1	105.7	17.92	88.56	115-120	48.05	7459	97.3,97.3
125	141.5	79.22	18.03	95.94	152.3	96.94	19.92	74.74	120-125	41.30	7500	97.8,97.8
130	123.0	70.34	20.00	86.79	137.6	87.83	21.96	65.86	125-130	35.07	7535	98.3,98.3
135	110.2	64.15	22.10	79.79	122.7	80.31	24.18	59.68	130-135	29.68	7565	98.7,98.7
140	98.29	58.05	24.29	73.09	107.3	73.83	26.34	54.04	135-140	24.98	7590	99.99
145	83.05	52.84	26.27	66.50	94.78	67.40	28.11	49.53	140-145	20.53	7610	99.3,99.3
150	67.68	49.57	27.99	60.23	83.20	61.09	29.73	47.45	145-150	16.47	7627	99.5,99.5
155	56.40	46.55	29.56	54.09	71.96	54.99	31.12	45.56	150-155	12.93	7640	99.7,99.7
160	52.80	43.52	31.04	48.33	61.33	49.28	32.34	43.31	155-160	9.868	7650	99.8,99.8
165	45.99	40.67	32.27	43.22	51.85	44.03	33.32	40.77	160-165	7.165	7657	99.9,99.9
170	41.51	38.06	33.31	38.66	43.76	39.23	34.04	38.11	165-170	4.741	7661	100,100
175	37.43	36.04	34.15	35.63	36.76	35.97	34.54	35.87	170-175	2.658	7664	100,100
180	34.70	34.73	34.67	34.57	34.79	34.71	34.71	34.53	175-180	0.8414	7665	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

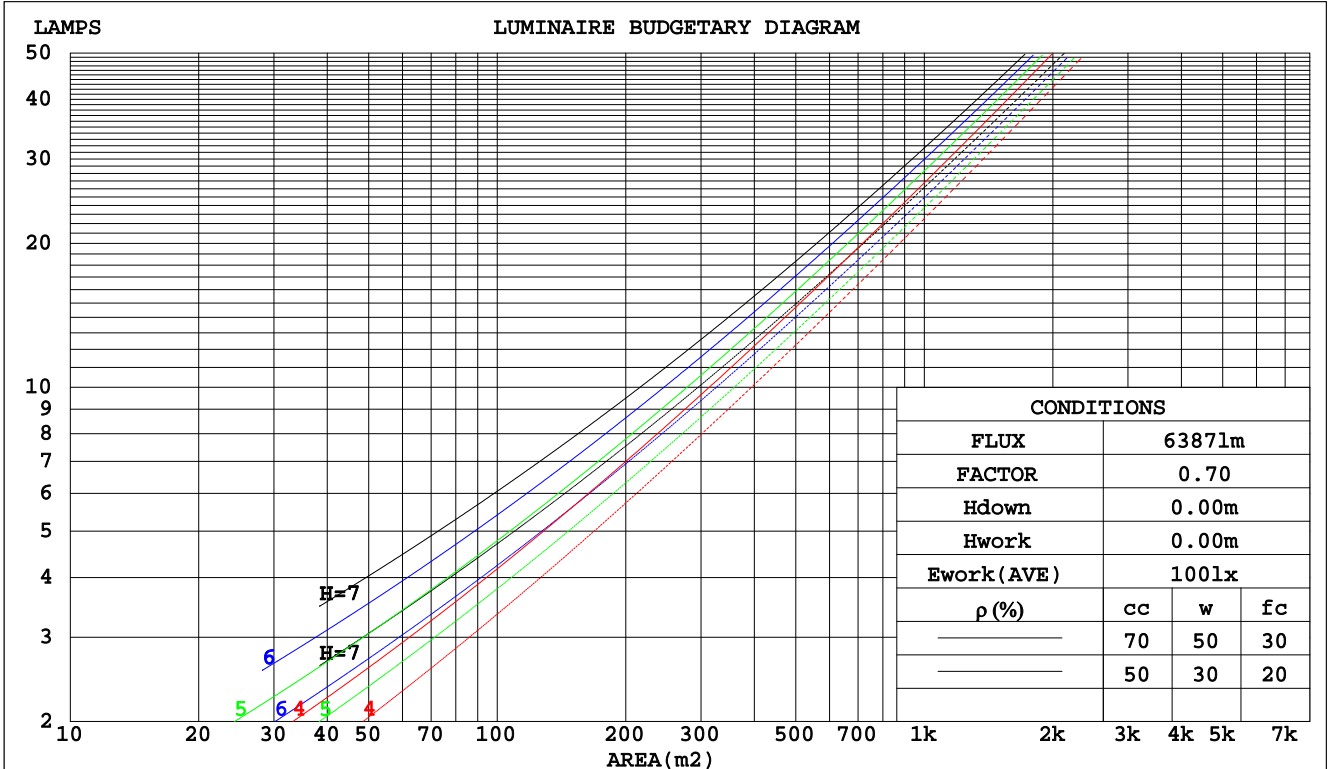
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:  
 Test Date:2019-05-27

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity:51%  
 Test Distance:10.890m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm		
NAME: TP-TRB5P2-60FP1-EEB2	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:1500*80MM	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92
1.0	1.01	.96	.92	.98	.94	.90	.92	.89	.86	.87	.84	.82	.82	.80	.78	.75
2.0	.88	.81	.75	.85	.79	.73	.80	.75	.70	.76	.71	.67	.72	.68	.65	.62
3.0	.77	.68	.62	.75	.67	.61	.70	.64	.59	.67	.61	.57	.63	.59	.55	.52
4.0	.68	.59	.52	.66	.58	.51	.63	.55	.50	.59	.53	.48	.56	.51	.47	.44
5.0	.61	.51	.45	.59	.51	.44	.56	.49	.43	.53	.47	.42	.51	.45	.41	.38
6.0	.54	.45	.39	.53	.45	.39	.51	.43	.38	.48	.42	.37	.46	.40	.36	.33
7.0	.49	.41	.34	.48	.40	.34	.46	.39	.33	.44	.37	.32	.42	.36	.32	.30
8.0	.45	.36	.31	.44	.36	.30	.42	.35	.30	.40	.34	.29	.38	.33	.28	.26
9.0	.41	.33	.28	.40	.33	.27	.39	.32	.27	.37	.31	.26	.36	.30	.26	.24
10.0	.38	.30	.25	.37	.30	.25	.36	.29	.24	.34	.28	.24	.33	.27	.23	.21



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 29DEG  
 Operators:  
 Test Date: 2019-05-27

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity: 51%  
 Test Distance: 10.890m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm								
NAME: TP-TRB5P2-60FP1-EEB2				TYPE:			WEIGHT:	
DIM.:				SPEC.:			SERIAL No.:	
MFR.:				SUR.:1500*80MM			PROTECTION ANGLE:	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.330	.188	.059	.321	.183	.058	.303	.174	.055	.286	.165	.053	.271	.157	.051	
2.0	.301	.165	.051	.293	.161	.050	.277	.154	.048	.262	.147	.046	.248	.141	.044	
3.0	.275	.146	.044	.267	.143	.043	.253	.137	.042	.240	.131	.040	.228	.126	.039	
4.0	.251	.131	.038	.245	.128	.038	.232	.123	.037	.220	.118	.036	.209	.114	.035	
5.0	.231	.118	.034	.225	.116	.034	.214	.111	.033	.203	.107	.032	.193	.103	.031	
6.0	.214	.107	.031	.208	.105	.030	.198	.101	.030	.188	.098	.029	.179	.094	.028	
7.0	.199	.098	.028	.194	.096	.027	.184	.093	.027	.175	.090	.026	.167	.087	.026	
8.0	.185	.090	.025	.181	.089	.025	.172	.086	.025	.164	.083	.024	.156	.080	.023	
9.0	.173	.084	.023	.169	.082	.023	.161	.080	.023	.154	.077	.022	.147	.075	.022	
10.0	.163	.078	.022	.159	.077	.021	.152	.074	.021	.145	.072	.020	.139	.070	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.250	.250	.250	.214	.214	.214	.146	.146	.146	.084	.084	.084	.027	.027	.027	
1.0	.242	.216	.193	.207	.185	.166	.141	.127	.115	.081	.074	.067	.026	.024	.022	
2.0	.234	.192	.157	.200	.165	.136	.137	.114	.095	.079	.067	.056	.025	.022	.018	
3.0	.226	.175	.134	.194	.151	.116	.133	.105	.082	.077	.061	.048	.025	.020	.016	
4.0	.218	.162	.119	.187	.140	.103	.129	.098	.073	.075	.057	.043	.024	.019	.014	
5.0	.211	.152	.108	.181	.131	.094	.125	.092	.066	.072	.054	.039	.023	.018	.013	
6.0	.204	.144	.100	.175	.124	.087	.121	.087	.062	.070	.051	.037	.023	.017	.012	
7.0	.197	.137	.095	.169	.119	.083	.117	.083	.058	.068	.049	.035	.022	.016	.012	
8.0	.190	.131	.090	.164	.114	.079	.113	.080	.056	.066	.047	.033	.021	.015	.011	
9.0	.184	.126	.087	.159	.109	.076	.110	.077	.054	.064	.045	.032	.021	.015	.011	
10.0	.178	.122	.084	.154	.106	.074	.107	.074	.052	.062	.044	.031	.020	.014	.010	

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:  
 Test Date:2019-05-27

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity:51%  
 Test Distance:10.890m [K=1.0000]  
 Remarks:

Uncorrected UGR Table

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm										
NAME: TP-TRB5P2-60FP1-EEB2					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:		
MFR.:					SUR.:1500*80MM			PROTECTION ANGLE:		
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	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	22.7	24.2	23.1	24.5	24.9	21.9	23.3	22.3	23.7	24.0
3H	24.6	25.9	25.0	26.3	26.7	23.3	24.6	23.7	25.0	25.3
4H	25.5	26.8	26.0	27.2	27.6	23.8	25.0	24.2	25.4	25.8
6H	26.4	27.6	26.9	28.0	28.5	24.0	25.2	24.5	25.6	26.1
8H	26.9	28.0	27.3	28.5	28.9	24.1	25.2	24.5	25.6	26.1
12H	27.4	28.5	27.9	28.9	29.4	24.1	25.2	24.6	25.6	26.1
4H 2H	23.3	24.5	23.7	24.9	25.3	22.6	23.9	23.1	24.3	24.7
3H	25.3	26.4	25.8	26.9	27.3	24.2	25.3	24.7	25.7	26.2
4H	26.4	27.4	26.9	27.9	28.4	24.9	25.9	25.3	26.3	26.8
6H	27.5	28.4	28.0	28.9	29.4	25.3	26.2	25.8	26.7	27.2
8H	28.0	28.9	28.6	29.4	29.9	25.4	26.2	25.9	26.7	27.3
12H	28.7	29.4	29.2	30.0	30.5	25.4	26.2	26.0	26.7	27.3
8H 4H	26.7	27.5	27.2	28.0	28.5	25.3	26.1	25.8	26.6	27.2
6H	27.9	28.6	28.5	29.2	29.8	26.0	26.7	26.5	27.2	27.8
8H	28.6	29.3	29.2	29.8	30.4	26.2	26.8	26.8	27.4	28.0
12H	29.5	30.0	30.1	30.6	31.2	26.3	26.9	26.9	27.5	28.1
12H 4H	26.7	27.4	27.2	27.9	28.5	25.4	26.2	25.9	26.7	27.3
6H	28.0	28.6	28.6	29.2	29.8	26.2	26.8	26.7	27.3	27.9
8H	28.8	29.3	29.4	29.9	30.5	26.5	27.0	27.1	27.6	28.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 7665 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.1)

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:  
 Test Date:2019-05-27

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity:51%  
 Test Distance:10.890m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm		
NAME: TP-TRB5P2-60FP1-EEB2	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:1500*80MM	PROTECTION ANGLE:

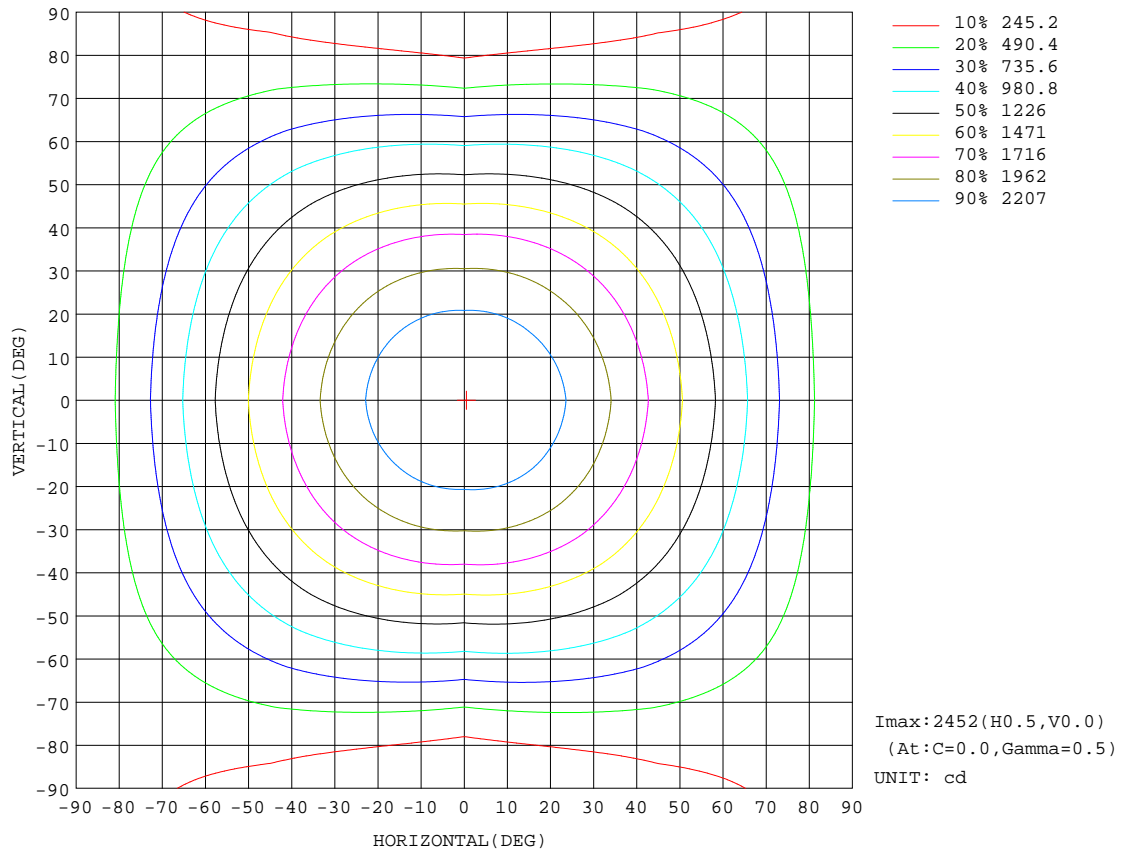
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	43	36	54	42	36	52	42	35	29
0.80	64	52	45	63	52	44	61	51	44	37
1.00	72	61	53	71	60	53	68	61	52	44
1.25	79	68	61	77	67	60	74	65	59	51
1.50	84	74	66	82	72	65	78	70	64	55
2.00	91	82	75	89	80	74	84	77	72	62
2.50	95	87	80	93	85	79	88	81	76	66
3.00	99	91	85	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	94	90	86	74
5.00	105	100	95	102	97	93	96	93	89	77
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:  
 Test Date:2019-05-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity:51%  
 Test Distance:10.890m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm		
NAME: TP-TRB5P2-60FP1-EEB2	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:1500*80MM	PROTECTION ANGLE:

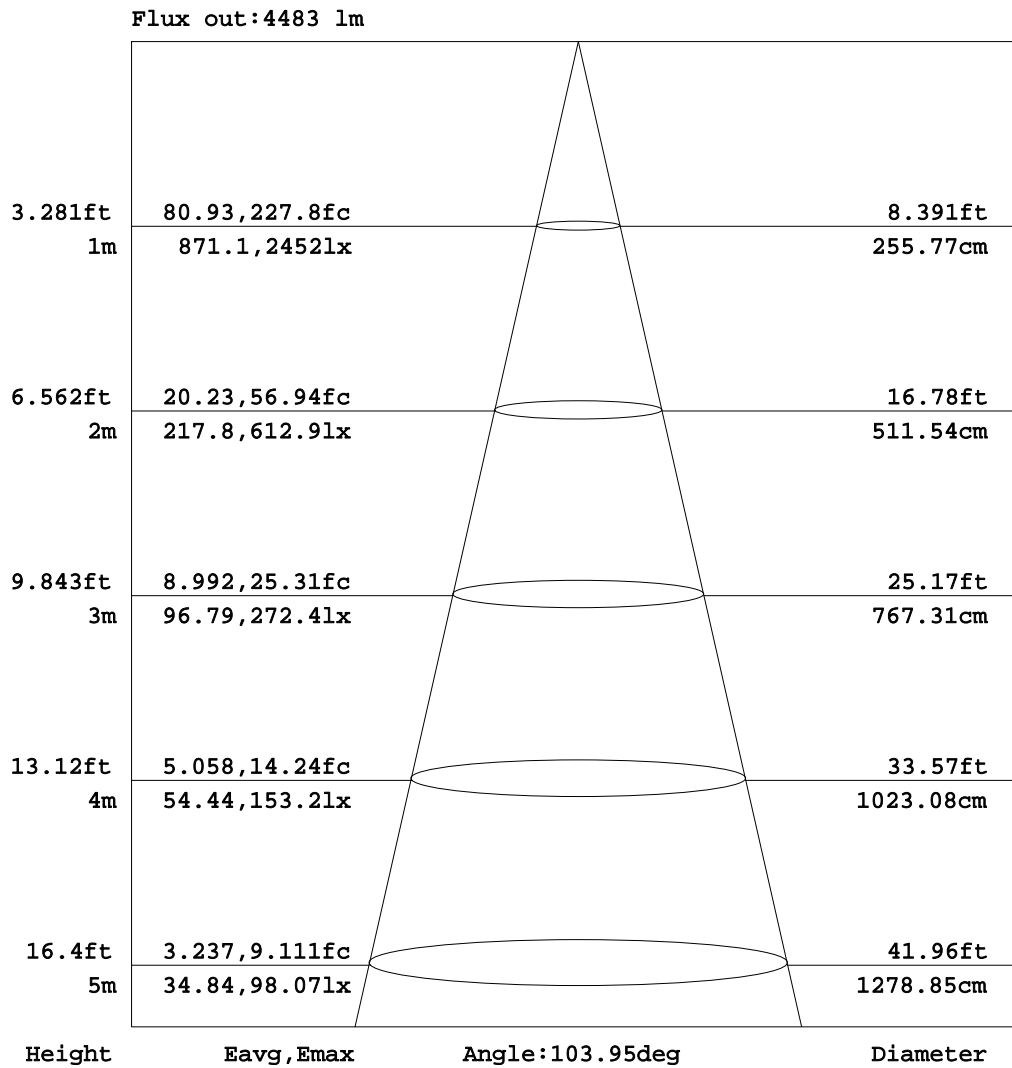


C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 29DEG  
 Operators:  
 Test Date: 2019-05-27

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity: 51%  
 Test Distance: 10.890m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm		
NAME: TP-TRB5P2-60FP1-EEB2	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:1500*80MM	PROTECTION ANGLE:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

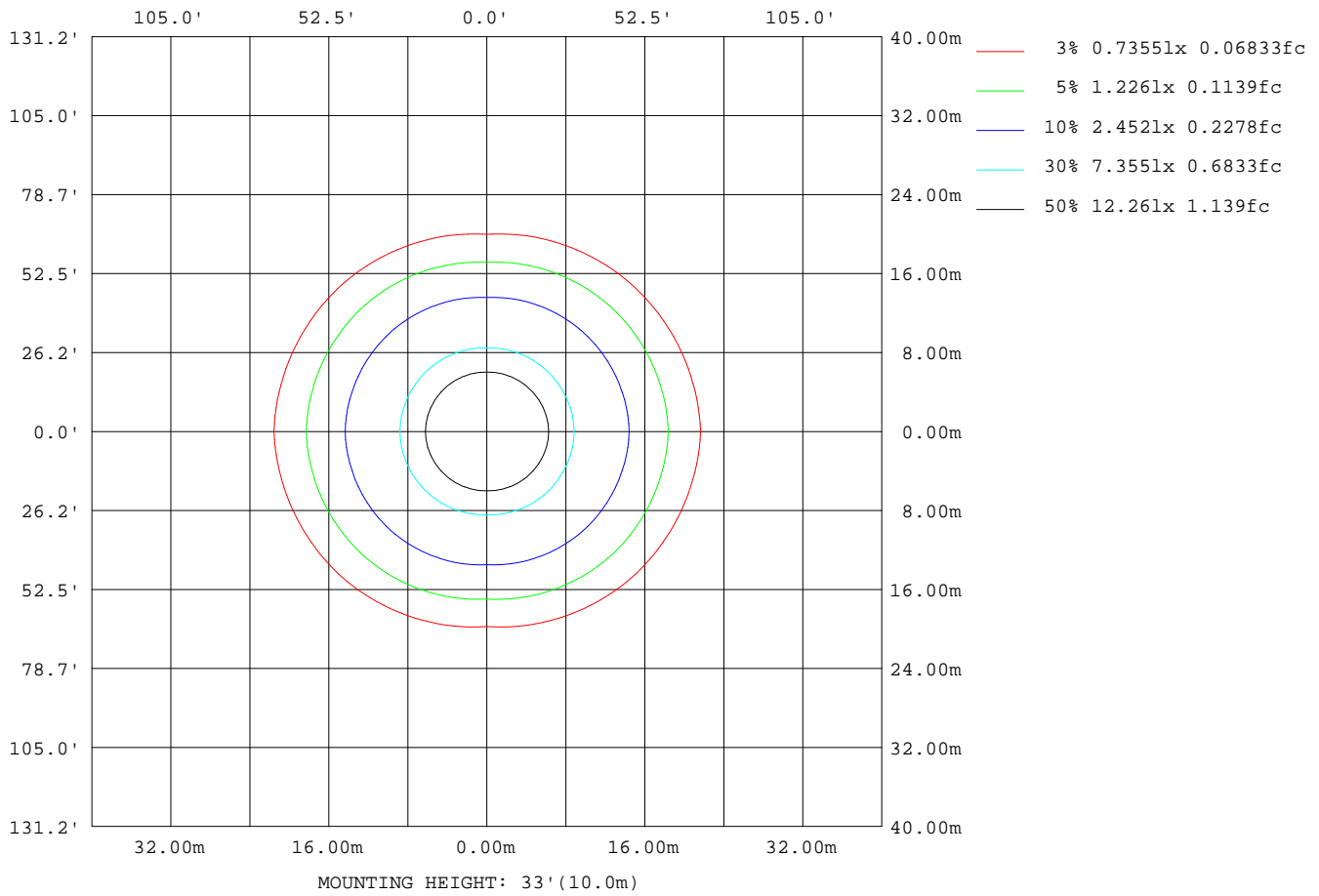
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:29DEG  
 Operators:  
 Test Date:2019-05-27

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity:51%  
 Test Distance:10.890m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

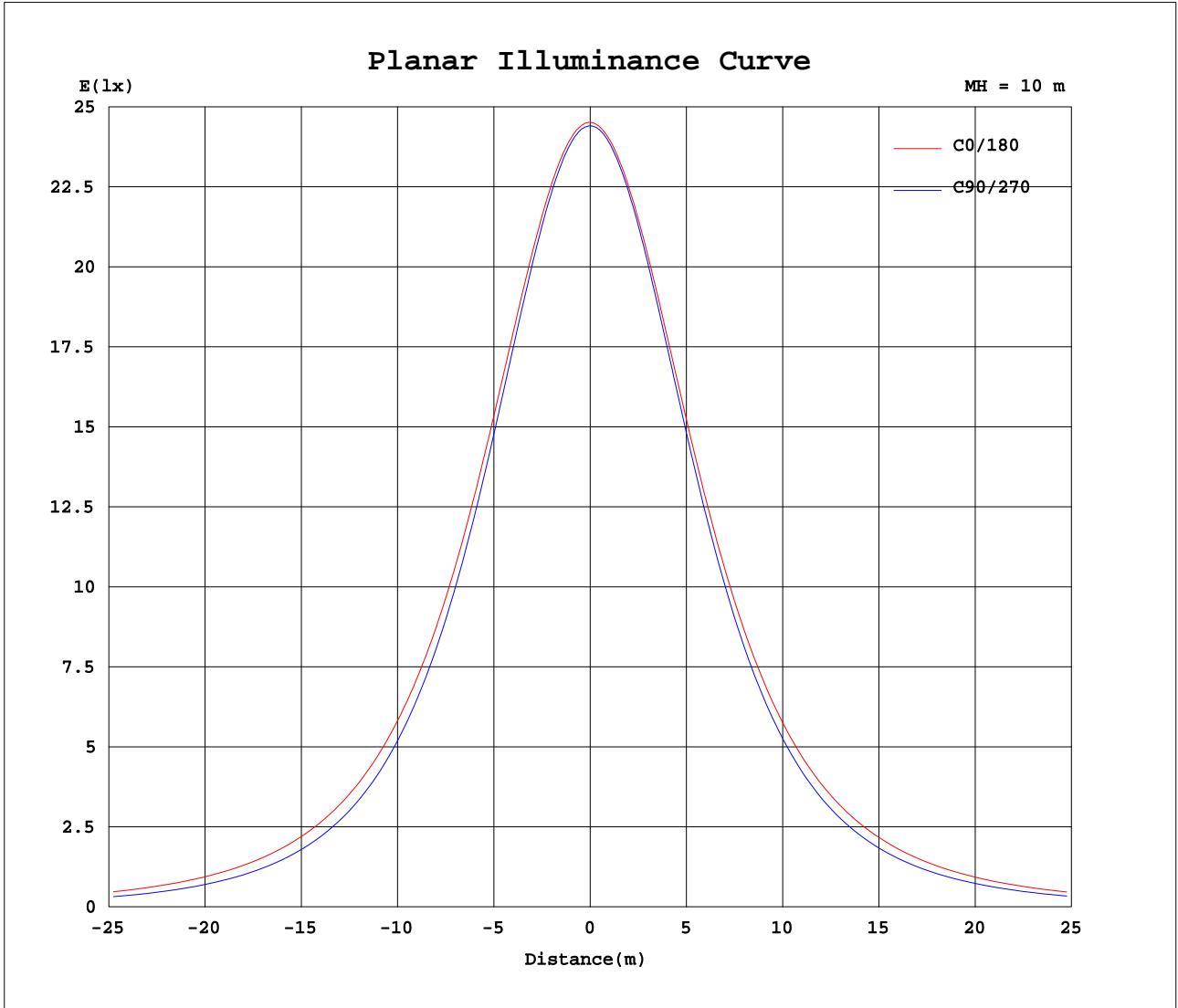
Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm		
NAME: TP-TRB5P2-60FP1-EEB2	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:1500*80MM	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 29DEG  
 Operators:  
 Test Date: 2019-05-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
 Humidity: 51%  
 Test Distance: 10.890m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 29DEG  
Operators:  
Test Date: 2019-05-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.275  
Humidity: 51%  
Test Distance: 10.890m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.6V I:0.2540A P:56.90W PF:0.9730 Lamp Flux:7665x1 lm		
NAME: TP-TRB5P2-60FP1-EEB2	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:1500*80MM	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315											
0	2452	2445	2441	2439	2452	2445	2441	2439											
5	2442	2433	2427	2425	2438	2431	2428	2426											
10	2409	2396	2384	2388	2401	2392	2385	2389											
15	2351	2335	2315	2324	2341	2327	2317	2326											
20	2274	2251	2221	2239	2261	2242	2224	2242											
25	2179	2145	2105	2133	2163	2137	2111	2137											
30	2066	2023	1969	2010	2049	2013	1977	2015											
35	1937	1884	1816	1871	1919	1876	1827	1878											
40	1796	1732	1648	1720	1778	1726	1662	1728											
45	1646	1569	1470	1558	1629	1566	1489	1568											
50	1490	1401	1286	1392	1473	1400	1308	1402											
55	1331	1231	1100	1222	1314	1233	1126	1234											
60	1168	1059	914	1052	1153	1065	945	1066											
65	1004	886	726	881	990	897	762	897											
70	837	712	534	708	826	726	576	726											
75	674	542	349	539	664	559	391	558											
80	523	384	182	383	516	404	225	403											
85	399	263	54.1	262	391	278	87.0	276											
90	313	190	7.19	189	307	196	12.0	194											
95	262	134	7.61	159	259	160	9.16	157											
100	233	127	9.20	144	234	144	10.4	141											
105	213	123	10.7	133	215	133	12.0	129											
110	194	114	12.3	123	197	123	13.9	119											
115	177	105	14.2	114	182	114	15.9	107											
120	160	89.8	16.1	105	167	106	17.9	88.6											
125	141	79.2	18.0	95.9	152	96.9	19.9	74.7											
130	123	70.3	20.0	86.8	138	87.8	22.0	65.9											
135	110	64.1	22.1	79.8	123	80.3	24.2	59.7											
140	98.3	58.1	24.3	73.1	107	73.8	26.3	54.0											
145	83.1	52.8	26.3	66.5	94.8	67.4	28.1	49.5											
150	67.7	49.6	28.0	60.2	83.2	61.1	29.7	47.4											
155	56.4	46.6	29.6	54.1	72.0	55.0	31.1	45.6											
160	52.8	43.5	31.0	48.3	61.3	49.3	32.3	43.3											
165	46.0	40.7	32.3	43.2	51.9	44.0	33.3	40.8											
170	41.5	38.1	33.3	38.7	43.8	39.2	34.0	38.1											
175	37.4	36.0	34.1	35.6	36.8	36.0	34.5	35.9											
180	34.7	34.7	34.7	34.6	34.8	34.7	34.7	34.5											

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
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γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
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