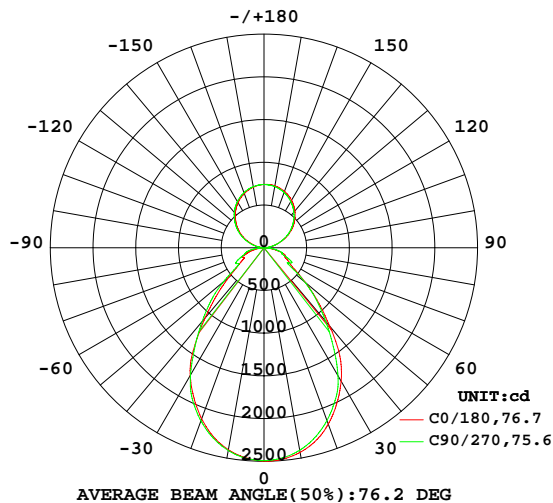


LUMINAIRE PHOTOMETRIC TEST REPORT

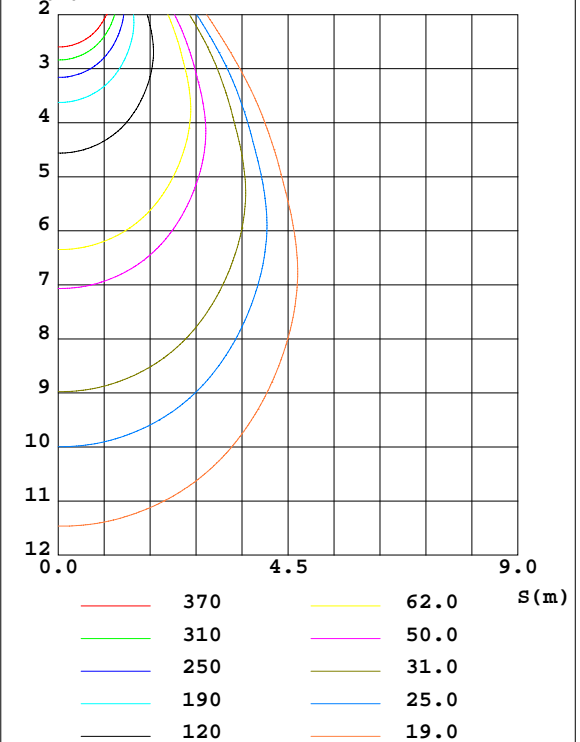
Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.72 lm/W			
MODEL		Imax(cd)	2497	S/MH(C0/180)	1.10
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	6395.6	η UP,DN(C0-180)	16.6,33.4
NOMINAL FLUX(lm)	6395.56	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	16.4,33.7
LAMPS INSIDE	1	η up(%)	32.9	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230.0	η down(%)	67.1	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

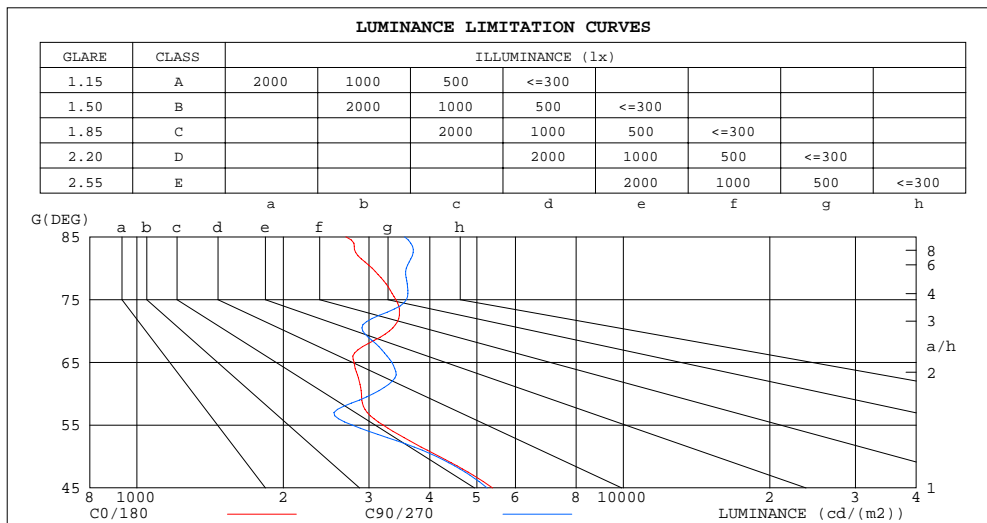
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2432	2422	2406	2394	2401	2400	2409	2418	0- 10	234.0	234.0	3.66,3.66
20	2198	2174	2154	2124	2131	2131	2157	2175	10- 20	647.3	881.2	13.8,13.8
30	1806	1757	1733	1696	1728	1708	1722	1778	20- 30	901.2	1782	27.9,27.9
40	1197	1200	1125	1133	1073	1126	1126	1212	30- 40	907.0	2689	42.1,42.1
50	631.4	708.2	622.5	686.1	538.1	680.5	618.1	735.5	40- 50	689.4	3379	52.8,52.8
60	339.8	346.8	359.3	333.9	289.9	318.8	374.2	380.7	50- 60	426.6	3805	59.5,59.5
70	265.4	149.0	233.8	148.1	233.1	148.7	257.7	180.0	60- 70	265.6	4071	63.7,63.7
80	124.1	96.56	145.9	94.60	94.36	110.9	161.3	116.1	70- 80	159.5	4231	66.1,66.1
90	1.340	1.370	1.555	1.596	2.208	2.196	2.251	2.042	80- 90	59.71	4290	67.1,67.1
100	81.49	85.55	84.12	71.64	63.74	68.05	79.23	81.07	90-100	32.98	4323	67.6,67.6
110	209.1	212.6	204.9	191.3	181.2	187.0	199.3	208.1	100-110	144.1	4467	69.8,69.8
120	344.9	341.4	331.3	315.8	307.1	311.8	324.5	337.9	110-120	260.9	4728	73.9,73.9
130	461.9	456.7	445.1	429.3	420.7	425.6	438.8	453.8	120-130	344.5	5073	79.3,79.3
140	563.1	558.0	544.6	530.7	524.7	527.5	541.4	555.6	130-140	380.9	5454	85.3,85.3
150	644.4	638.9	627.2	614.7	609.3	611.7	624.5	637.5	140-150	367.1	5821	91,91
160	703.2	698.3	689.1	679.9	676.2	677.5	687.3	697.5	150-160	304.1	6125	95.8,95.8
170	736.1	732.5	727.8	723.1	721.6	721.4	726.9	732.8	160-170	200.7	6325	98.9,98.9
180	742.2	742.2	742.2	742.2	742.2	742.2	742.2	742.2	170-180	70.09	6396	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2691	3549
80	3046	3579
75	3406	3583
70	3306	2913
65	2795	3343
60	2895	3062
55	3206	2771
50	4185	4126
45	5385	5249

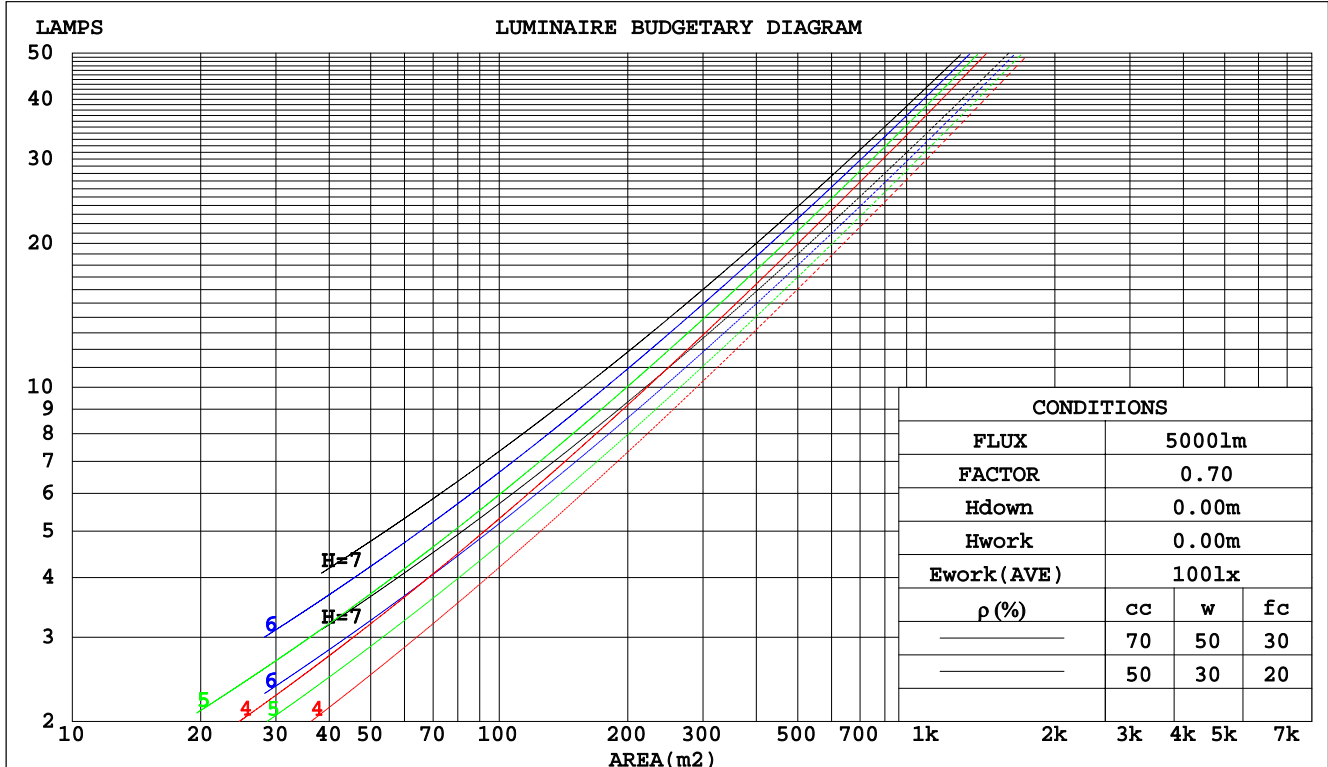
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.11	1.11	1.11	1.05	1.05	1.05	.93	.93	.93	.82	.82	.82	.72	.72	.72	.67
1.0	.99	.95	.92	.93	.90	.87	.83	.81	.79	.74	.72	.71	.65	.64	.63	.59
2.0	.88	.82	.77	.83	.78	.74	.74	.71	.67	.66	.64	.61	.59	.57	.55	.51
3.0	.78	.72	.66	.74	.68	.63	.67	.62	.58	.60	.56	.53	.54	.51	.48	.45
4.0	.71	.63	.57	.67	.60	.55	.61	.55	.51	.55	.50	.47	.49	.46	.43	.40
5.0	.64	.56	.50	.61	.54	.49	.55	.49	.45	.50	.45	.42	.45	.41	.39	.36
6.0	.58	.50	.45	.55	.48	.43	.50	.45	.40	.46	.41	.38	.41	.38	.35	.32
7.0	.53	.45	.40	.51	.44	.39	.46	.40	.36	.42	.37	.34	.38	.34	.31	.29
8.0	.49	.41	.36	.47	.40	.35	.43	.37	.33	.39	.34	.31	.35	.32	.29	.27
9.0	.45	.38	.33	.43	.36	.32	.39	.34	.30	.36	.31	.28	.33	.29	.26	.24
10.0	.41	.34	.30	.40	.33	.29	.37	.31	.27	.34	.29	.26	.31	.27	.24	.22



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

WEC AND CCEC

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.257	.146	.046	.240	.137	.044	.209	.120	.038	.180	.104	.033	.153	.089	.029	
2.0	.241	.132	.041	.226	.124	.038	.197	.110	.034	.171	.096	.030	.147	.083	.026	
3.0	.225	.120	.036	.211	.113	.034	.185	.100	.030	.161	.088	.027	.139	.077	.024	
4.0	.209	.109	.032	.197	.103	.030	.173	.092	.027	.151	.081	.024	.131	.071	.022	
5.0	.195	.100	.029	.184	.094	.028	.162	.084	.025	.142	.075	.022	.123	.066	.020	
6.0	.183	.092	.026	.172	.087	.025	.152	.078	.023	.134	.070	.020	.116	.061	.018	
7.0	.172	.085	.024	.162	.081	.023	.144	.073	.021	.126	.065	.019	.110	.057	.017	
8.0	.162	.079	.022	.153	.075	.021	.136	.068	.019	.120	.061	.017	.104	.054	.016	
9.0	.152	.074	.021	.144	.070	.020	.128	.063	.018	.113	.057	.016	.099	.050	.015	
10.0	.144	.069	.019	.136	.066	.018	.122	.060	.017	.108	.053	.015	.094	.048	.014	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.441	.441	.441	.377	.377	.377	.257	.257	.257	.148	.148	.148	.047	.047	.047	
1.0	.430	.409	.391	.368	.351	.337	.251	.242	.233	.145	.140	.135	.046	.045	.044	
2.0	.420	.387	.359	.360	.333	.310	.247	.230	.216	.142	.134	.127	.046	.043	.041	
3.0	.412	.370	.337	.353	.319	.292	.242	.222	.205	.140	.129	.121	.045	.042	.040	
4.0	.404	.357	.321	.347	.309	.279	.238	.215	.197	.138	.126	.116	.044	.041	.038	
5.0	.397	.347	.310	.341	.300	.270	.235	.210	.191	.136	.123	.113	.044	.040	.037	
6.0	.391	.339	.302	.336	.294	.263	.232	.206	.186	.134	.121	.111	.043	.040	.037	
7.0	.385	.333	.296	.331	.288	.258	.229	.202	.183	.133	.119	.109	.043	.039	.036	
8.0	.379	.327	.292	.326	.284	.254	.226	.199	.180	.131	.118	.108	.042	.039	.036	
9.0	.374	.323	.288	.322	.280	.251	.223	.197	.178	.130	.116	.106	.042	.038	.035	
10.0	.369	.319	.285	.318	.277	.249	.220	.195	.177	.129	.115	.106	.042	.038	.035	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm											
NAME:					TYPE:			WEIGHT:1200*260*30			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: A4762092-22					SUR.:1.145*0.205			Shielding 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	14.5	15.5	15.2	16.1	16.9	14.4	15.4	15.1	16.0	16.8	
	3H	15.2	16.1	15.9	16.8	17.6	15.3	16.2	16.0	16.9	
	4H	15.8	16.7	16.6	17.4	18.2	15.9	16.7	16.6	17.4	
	6H	16.3	17.1	17.0	17.8	18.7	16.5	17.2	17.2	18.0	
	8H	16.4	17.2	17.2	17.9	18.8	16.7	17.5	17.5	18.2	
	12H	16.5	17.2	17.3	18.0	18.9	16.9	17.6	17.7	18.4	
4H	2H	14.6	15.4	15.3	16.1	16.9	14.5	15.3	15.2	16.0	
	3H	15.4	16.2	16.2	16.9	17.8	15.5	16.2	16.2	16.9	
	4H	16.2	16.8	17.0	17.6	18.5	16.1	16.7	16.9	17.5	
	6H	16.7	17.3	17.6	18.1	19.1	16.9	17.4	17.7	18.2	
	8H	17.0	17.5	17.8	18.3	19.3	17.3	17.8	18.1	18.6	
	12H	17.1	17.6	18.0	18.4	19.4	17.6	18.0	18.4	18.9	
8H	4H	16.1	16.7	17.0	17.5	18.5	16.1	16.6	16.9	17.4	
	6H	16.9	17.3	17.7	18.1	19.2	17.0	17.5	17.9	18.3	
	8H	17.2	17.6	18.1	18.4	19.5	17.6	17.9	18.4	18.8	
	12H	17.5	17.8	18.4	18.7	19.7	18.0	18.3	18.9	19.2	
12H	4H	16.1	16.6	17.0	17.4	18.4	16.1	16.5	16.9	17.4	
	6H	16.9	17.3	17.8	18.1	19.2	17.1	17.4	17.9	18.3	
	8H	17.3	17.6	18.2	18.5	19.6	17.6	18.0	18.5	18.8	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5					
1.5H	+ 0.3 / - 0.3					+ 0.4 / - 0.5					
2.0H	+ 1.1 / - 0.9					+ 0.6 / - 0.5					

CIE Pub.117, 6396 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.4$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:

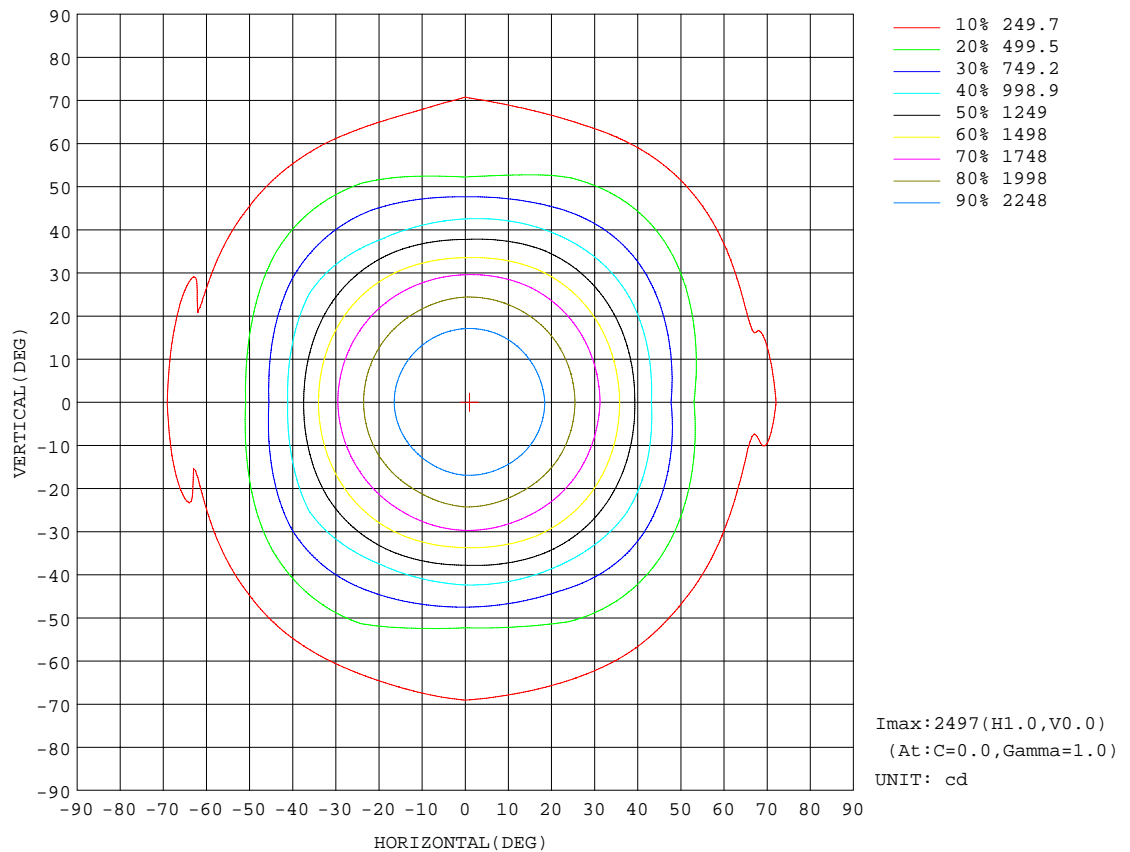
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	46	40	54	45	39	51	43	38	32
0.80	65	55	49	63	53	48	58	51	46	38
1.00	72	62	56	69	60	55	64	58	52	43
1.25	79	69	63	75	67	61	69	62	58	47
1.50	83	74	68	79	71	66	72	66	62	50
2.00	89	81	75	85	78	73	77	72	68	53
2.50	93	86	80	88	82	77	79	75	71	55
3.00	96	89	84	91	85	81	82	77	74	57
4.00	99	94	90	94	89	86	84	81	78	59
5.00	102	97	93	96	92	89	86	83	81	61
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ISOCANDELA DIAGRAM

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:

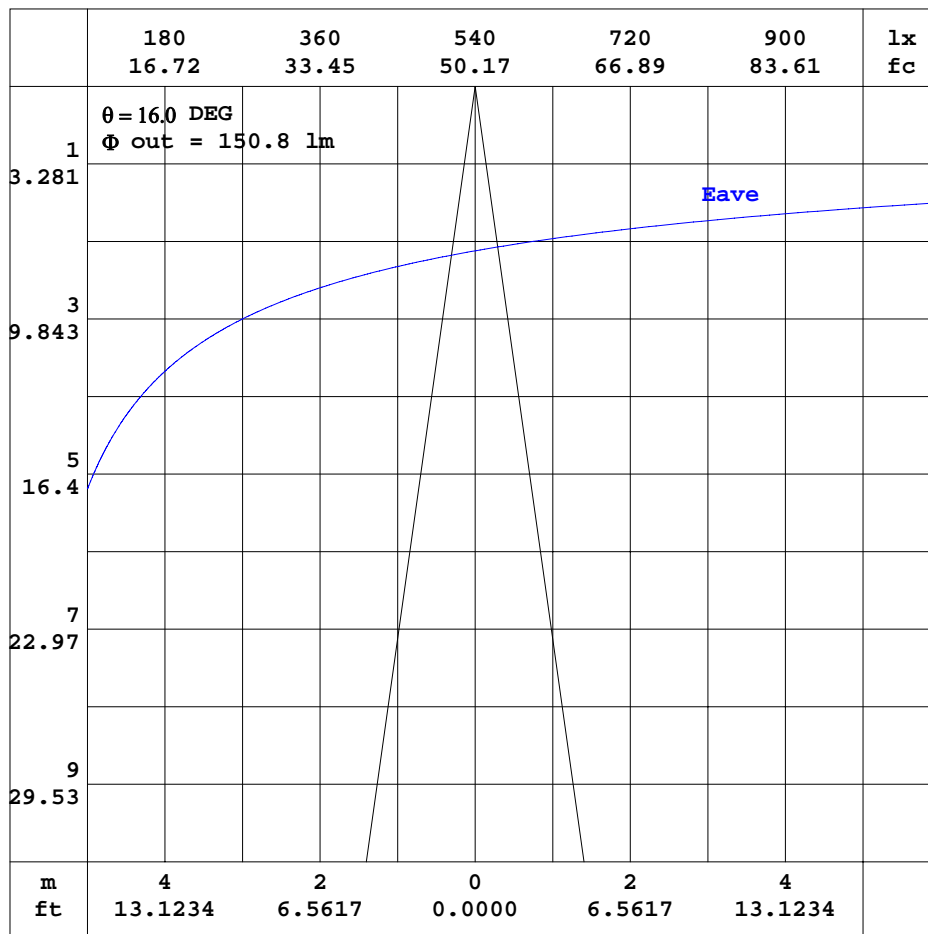


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

AAI CURVES

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:



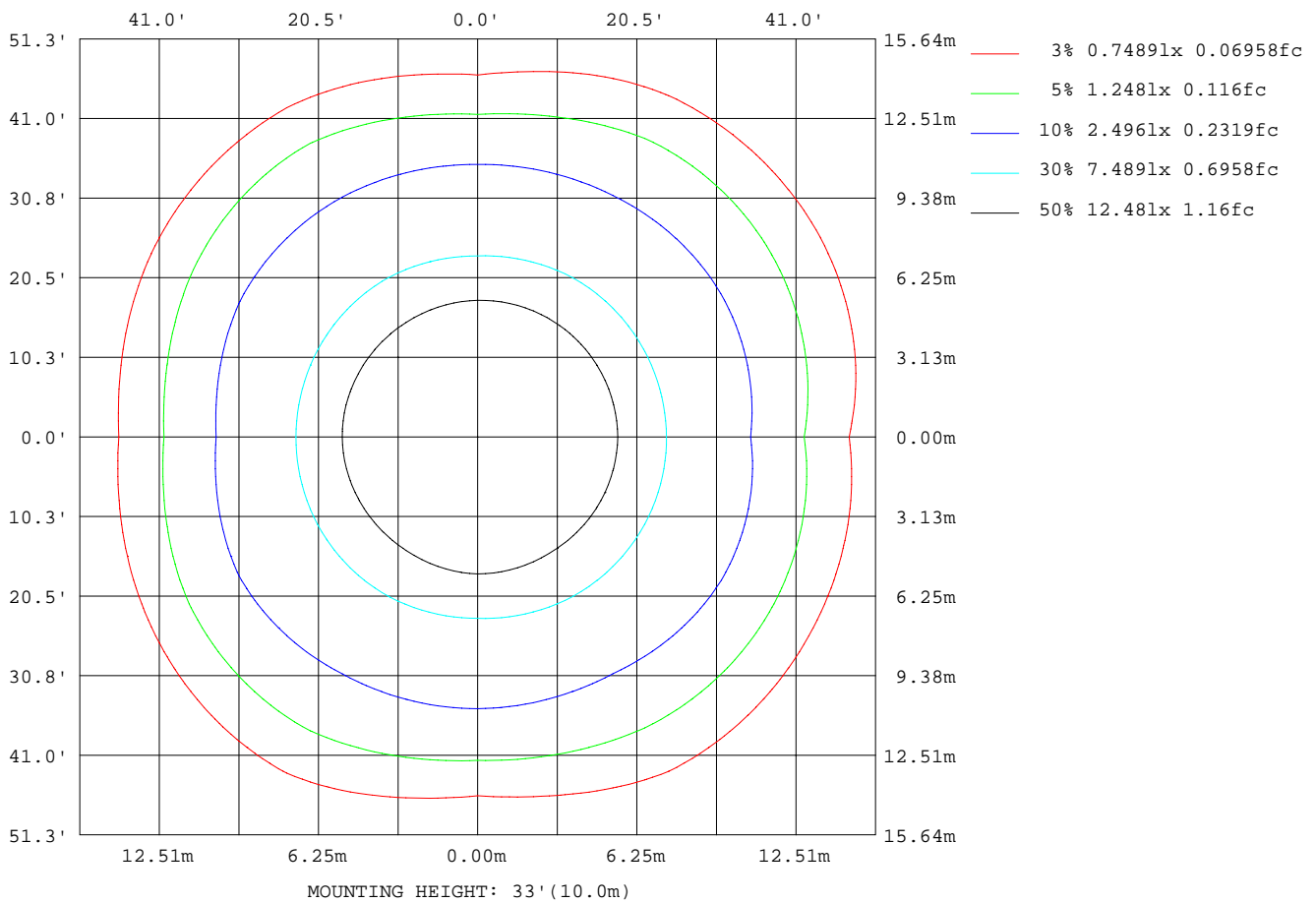
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ISOLUX DIAGRAM

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LED Avg.L Report

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm		
NAME:	TYPE:	WEIGHT:1200*260*30
SPEC.:	DIM.:	SERIAL No.:
MFR.: A4762092-22	SUR.:1.145*0.205	Shielding Angle:

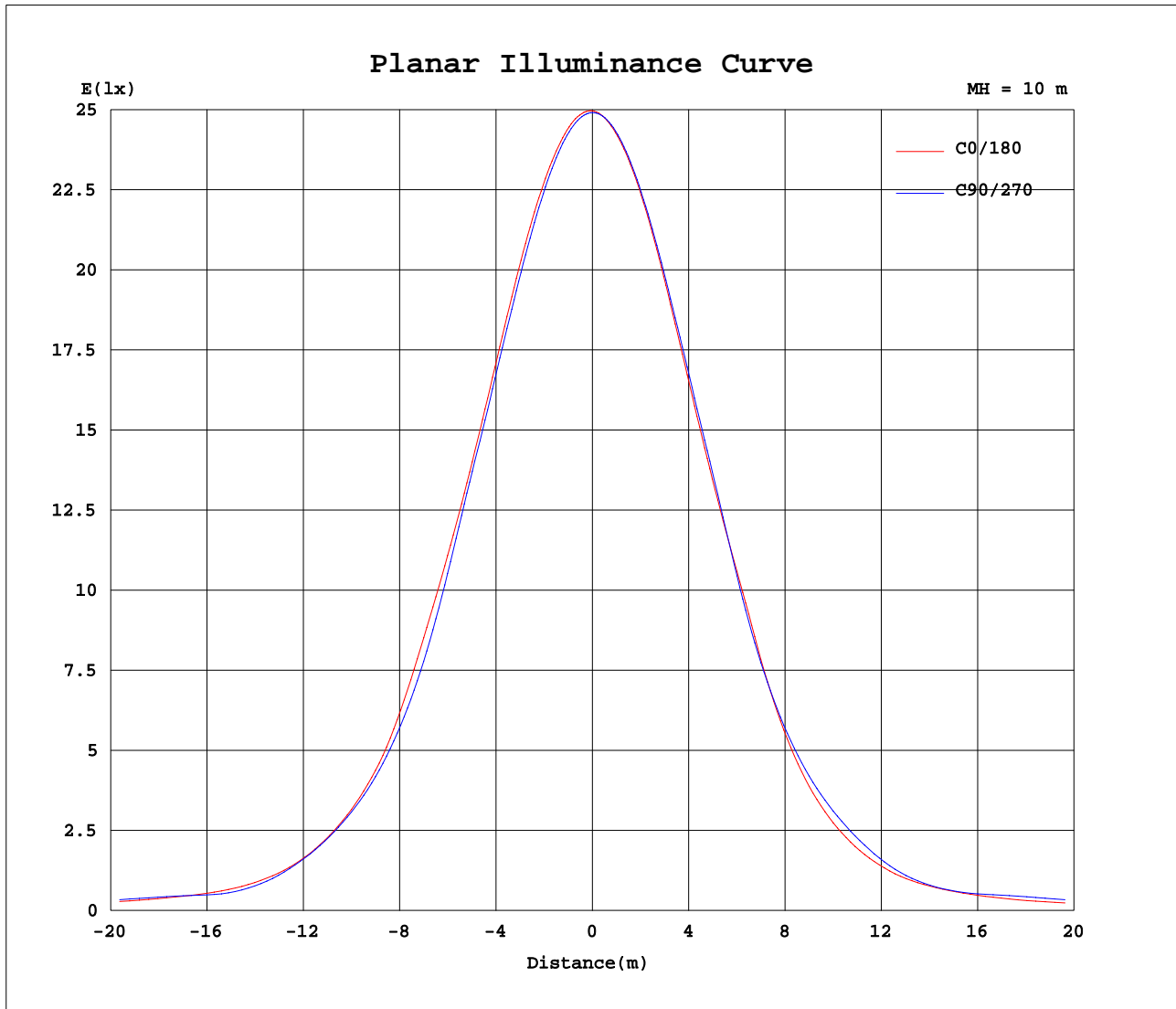
AvgL	cd/m2
L_0~180(65)av	2749
L_0~180(75)av	3088
L_0~180(85)av	1887
L_90~270(65)av	3359
L_90~270(75)av	3604
L_90~270(85)av	3593
L_45(65)av	2510
L_45(75)av	1932
L_45(85)av	2745

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-03

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm																		
NAME:									TYPE:					WEIGHT:1200*260*30				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: A4762092-22									SUR.:1.145*0.205					Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2496	2496	2496	2495	2495	2494	2494	2494	2493	2493	2493	2492	2492	2492	2492	2491	2491	2491	2491
5	2484	2484	2484	2483	2483	2482	2481	2480	2479	2478	2477	2476	2475	2474	2473	2472	2471	2470	2469
10	2432	2432	2431	2431	2430	2429	2428	2426	2424	2422	2420	2418	2416	2415	2413	2411	2410	2408	2406
15	2340	2339	2338	2337	2335	2333	2331	2328	2325	2322	2319	2315	2312	2310	2308	2306	2304	2302	2300
20	2198	2197	2196	2194	2192	2189	2186	2182	2178	2174	2170	2166	2162	2160	2159	2158	2157	2155	2154
25	2015	2014	2012	2010	2007	2004	2000	1995	1989	1983	1977	1972	1968	1968	1969	1970	1971	1972	1971
30	1806	1801	1795	1790	1785	1780	1774	1768	1762	1757	1751	1746	1742	1740	1739	1737	1736	1735	1733
35	1550	1546	1542	1538	1533	1528	1523	1518	1512	1505	1499	1491	1483	1471	1458	1446	1435	1425	1417
40	1197	1202	1206	1208	1210	1210	1210	1208	1204	1200	1195	1189	1182	1173	1162	1152	1142	1133	1125
45	894	919	939	954	965	970	970	958	942	924	905	886	869	865	864	864	866	869	871
50	631	659	682	700	714	724	730	726	718	708	696	683	669	658	647	638	631	625	623
55	432	451	468	482	493	502	509	513	515	514	511	504	495	472	448	424	403	385	373
60	340	338	337	336	336	336	338	340	343	347	350	354	357	358	359	359	360	360	359
65	277	261	249	239	232	228	228	233	242	252	263	275	288	299	309	318	325	330	332
70	265	244	225	208	193	181	170	161	154	149	147	147	150	165	180	196	211	224	234
75	207	195	183	172	162	153	144	133	124	116	111	108	109	127	147	167	187	205	218
80	124	118	112	107	103	100	98.0	96.6	96.1	96.6	98.0	100	104	111	119	127	135	141	146
85	55.0	54.3	53.8	53.6	53.6	53.9	54.5	55.6	56.9	58.3	59.9	61.6	63.4	65.7	68.0	69.9	71.4	72.4	72.6
90	1.34	1.33	1.33	1.33	1.33	1.33	1.34	1.35	1.36	1.37	1.38	1.40	1.42	1.44	1.46	1.49	1.51	1.53	1.55
95	28.9	29.1	29.4	29.7	30.0	30.4	30.8	31.3	31.9	32.4	32.9	33.4	33.8	34.3	34.7	35.0	35.1	35.1	34.8
100	81.5	81.7	82.0	82.4	82.7	83.1	83.6	84.2	84.9	85.5	86.1	86.6	86.9	86.8	86.6	86.2	85.7	85.0	84.1
105	143	143	143	144	144	145	145	146	147	148	148	149	149	149	148	146	145	144	142
110	209	209	210	210	211	211	211	212	212	213	213	213	213	212	211	209	208	206	205
115	278	278	279	279	279	279	279	279	279	279	278	278	277	275	274	273	271	270	268
120	345	345	345	345	344	344	343	343	342	341	340	340	339	338	336	335	334	333	331
125	405	405	405	405	404	404	403	402	402	401	400	399	397	396	395	394	393	391	390
130	462	462	462	461	461	460	460	459	458	457	455	454	453	452	451	449	448	447	445
135	515	515	515	514	514	513	512	511	510	509	507	506	505	503	502	501	500	498	497
140	563	563	562	562	561	561	560	560	559	558	557	556	555	553	552	550	548	546	545
145	607	606	606	605	605	604	603	603	602	601	600	599	598	596	595	593	592	590	588
150	644	644	644	643	643	642	641	641	640	639	638	637	636	635	633	632	630	629	627
155	677	676	676	675	675	674	674	673	672	672	671	670	669	668	666	665	664	662	661
160	703	703	702	702	701	701	700	700	699	698	698	697	696	695	694	693	691	690	689
165	723	723	722	722	721	721	720	720	719	719	718	718	717	716	715	714	713	712	712
170	736	736	735	735	734	734	734	733	733	733	732	732	731	731	730	730	729	728	728
175	743	742	742	741	741	741	740	740	740	740	740	739	739	739	739	738	738	738	737
180	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm																		
NAME:									TYPE:					WEIGHT:1200*260*30				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: A4762092-22									SUR.:1.145*0.205					Shielding Angle:				

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2491	2491	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490	2491	2492	2493	2495	2496	2496	2496
5	2468	2467	2466	2466	2465	2464	2463	2462	2462	2462	2461	2461	2462	2463	2464	2465	2466	2467	2467
10	2404	2402	2401	2399	2397	2396	2395	2395	2394	2394	2394	2395	2396	2397	2398	2399	2400	2401	2401
15	2297	2295	2292	2289	2287	2285	2284	2283	2282	2282	2282	2283	2284	2285	2286	2288	2289	2290	2289
20	2149	2144	2140	2135	2130	2126	2125	2125	2124	2125	2126	2127	2127	2128	2129	2130	2131	2131	2131
25	1964	1957	1948	1940	1932	1926	1924	1924	1925	1927	1929	1932	1933	1935	1937	1938	1940	1941	1940
30	1727	1722	1716	1710	1705	1701	1698	1697	1696	1697	1698	1700	1704	1709	1714	1719	1724	1728	1727
35	1417	1419	1422	1426	1430	1435	1436	1437	1437	1436	1436	1435	1433	1431	1429	1428	1426	1425	1425
40	1121	1118	1117	1117	1118	1119	1124	1129	1133	1137	1139	1140	1129	1116	1103	1091	1081	1073	1080
45	868	864	861	858	857	857	869	883	895	906	914	917	895	870	843	816	793	776	789
50	630	640	650	662	672	682	686	687	686	682	676	667	644	619	595	572	553	538	547
55	390	411	436	462	487	508	509	506	499	489	476	462	446	429	413	399	387	379	385
60	360	360	360	359	357	354	348	341	334	326	319	312	306	301	297	293	291	290	292
65	323	312	299	285	270	255	244	233	224	217	212	209	218	228	239	250	260	268	262
70	224	210	195	178	162	148	145	146	148	153	159	167	180	193	205	217	226	233	227
75	207	193	175	156	137	118	111	107	105	105	107	111	120	131	142	152	161	168	163
80	144	140	135	129	122	115	108	101	94.6	88.7	83.7	79.8	80.5	82.3	84.8	87.9	91.2	94.4	94.2
85	70.3	67.2	63.6	59.6	55.2	50.8	46.9	43.0	39.3	35.7	32.5	29.5	27.1	25.1	23.6	22.6	22.1	22.2	23.1
90	1.58	1.60	1.61	1.63	1.64	1.65	1.63	1.61	1.60	1.59	1.59	1.61	1.70	1.80	1.91	2.01	2.12	2.21	2.23
95	33.9	32.8	31.5	30.1	28.6	27.1	25.6	24.2	22.7	21.4	20.1	19.0	18.1	17.4	16.7	16.3	15.9	15.7	15.7
100	83.1	82.0	80.7	79.4	78.0	76.5	74.9	73.3	71.6	70.1	68.6	67.3	66.3	65.5	64.8	64.3	64.0	63.7	63.7
105	141	140	139	138	137	135	134	132	130	128	126	124	123	122	121	121	120	120	120
110	204	202	201	200	198	197	195	193	191	189	188	186	185	184	183	182	182	181	181
115	267	265	264	262	261	259	258	256	254	253	251	249	248	247	246	245	245	244	244
120	329	328	326	324	322	320	318	317	316	315	313	312	311	310	309	308	308	307	307
125	388	386	384	382	380	378	377	375	374	373	372	371	370	368	368	367	366	365	365
130	443	441	439	437	435	433	432	431	429	428	427	426	425	424	423	422	421	421	420
135	495	493	491	489	487	485	483	482	481	480	479	478	477	476	475	474	473	473	472
140	543	542	540	539	537	536	534	532	531	529	528	527	526	526	525	525	525	525	525
145	587	585	584	582	581	579	578	576	575	573	572	571	570	570	569	569	569	569	568
150	626	624	623	621	620	619	617	616	615	614	612	611	611	610	610	610	609	609	609
155	660	658	657	656	654	653	652	651	650	649	648	647	646	646	646	645	645	645	645
160	688	687	686	685	684	683	682	681	680	679	678	678	677	677	677	676	676	676	676
165	711	710	709	708	707	707	706	705	705	704	703	703	702	702	702	702	702	702	702
170	727	727	726	726	725	725	724	724	723	723	722	722	722	722	722	722	722	722	721
175	737	737	737	736	736	736	736	736	735	735	735	735	735	735	735	735	735	735	735
180	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm																		
NAME:									TYPE:					WEIGHT:1200*260*30				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: A4762092-22									SUR.:1.145*0.205					Shielding Angle:				

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2496	2496	2495	2495	2494	2494	2493	2493	2493	2492	2492	2492	2492	2491	2491	2491	2491	2491	2491
5	2467	2467	2467	2466	2466	2467	2467	2467	2468	2468	2469	2469	2470	2470	2471	2471	2472	2473	2473
10	2400	2400	2399	2399	2399	2399	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2411	2412
15	2289	2289	2288	2288	2287	2288	2288	2289	2290	2291	2292	2294	2296	2297	2299	2302	2304	2306	2307
20	2130	2130	2129	2129	2129	2129	2130	2131	2132	2134	2136	2139	2142	2146	2150	2153	2157	2159	2161
25	1940	1939	1939	1938	1937	1937	1937	1937	1937	1939	1941	1945	1951	1957	1962	1968	1973	1976	1978
30	1725	1722	1719	1716	1713	1711	1709	1708	1707	1707	1707	1708	1709	1711	1714	1717	1722	1728	1735
35	1426	1427	1429	1430	1431	1432	1433	1433	1433	1432	1431	1426	1420	1415	1411	1409	1408	1416	1426
40	1091	1102	1115	1127	1137	1135	1131	1126	1120	1115	1109	1109	1109	1111	1115	1119	1126	1137	1149
45	808	831	855	879	900	903	901	898	892	886	879	878	876	876	876	877	879	883	887
50	562	580	601	623	645	659	671	681	688	692	694	682	668	653	639	627	618	628	641
55	395	407	420	435	449	461	471	479	485	488	488	470	451	432	414	399	389	406	428
60	295	299	303	308	313	315	317	319	321	324	328	336	344	352	360	368	374	375	374
65	254	246	236	228	221	224	228	235	243	253	264	277	291	304	316	327	335	333	330
70	219	208	197	184	172	163	155	149	145	144	147	165	185	206	226	244	258	250	238
75	155	146	137	127	118	115	113	113	115	119	125	142	160	178	195	209	220	212	200
80	93.9	93.7	93.7	94.3	95.5	99.9	105	111	117	124	130	137	143	149	155	159	161	160	157
85	24.5	26.6	29.3	32.5	36.4	42.2	48.4	54.7	60.9	66.6	71.7	73.3	74.3	74.7	74.7	74.6	74.4	76.5	78.5
90	2.24	2.23	2.22	2.20	2.18	2.19	2.19	2.20	2.20	2.21	2.22	2.23	2.24	2.24	2.25	2.25	2.25	2.24	2.22
95	15.7	15.9	16.2	16.7	17.3	18.1	19.0	20.0	21.1	22.3	23.5	24.9	26.4	27.7	29.0	30.1	31.0	31.1	31.0
100	63.7	63.9	64.2	64.7	65.3	66.1	67.0	68.0	69.2	70.3	71.6	73.0	74.3	75.7	77.0	78.2	79.2	79.8	80.3
105	120	120	121	121	122	123	124	125	127	128	130	131	132	133	135	136	137	138	139
110	181	182	182	183	184	185	186	187	188	190	191	192	194	195	197	198	199	201	202
115	245	245	246	246	247	248	249	250	251	252	254	255	256	258	260	261	263	264	266
120	307	307	307	308	308	309	310	312	313	315	316	317	319	320	322	323	324	326	328
125	365	365	365	366	366	368	369	370	372	373	375	376	378	379	380	382	383	385	387
130	420	420	421	421	422	423	424	426	427	429	430	432	433	434	436	437	439	441	443
135	472	472	473	473	474	475	476	478	479	481	482	484	485	486	488	489	491	493	495
140	525	525	525	525	525	526	527	527	528	530	531	532	534	536	538	540	541	543	545
145	568	568	569	569	569	570	571	572	573	574	575	577	578	580	582	583	585	587	588
150	609	609	609	609	610	610	611	612	613	614	615	616	618	620	621	623	624	626	627
155	645	645	645	645	645	646	646	647	648	649	650	651	653	654	656	657	659	660	661
160	676	676	676	676	676	676	677	678	678	679	680	681	682	684	685	686	687	688	690
165	701	701	701	701	701	701	702	702	703	704	704	705	706	707	708	709	710	711	712
170	721	721	721	721	721	721	721	721	722	722	723	723	724	725	725	726	727	728	728
175	735	734	734	734	734	734	734	734	734	734	735	735	735	736	736	737	737	737	738
180	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.80V I:0.2635A P:58.825W PF:0.9715 Freq:49.99Hz Lamp Flux:6395.56x1 lm																	
NAME:									TYPE:						WEIGHT:1200*260*30		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: A4762092-22									SUR.:1.145*0.205						Shielding Angle:		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490	2491	2491	2492	2494	2495				
5	2474	2474	2474	2475	2475	2475	2475	2475	2476	2476	2477	2478	2479	2481	2482				
10	2413	2414	2415	2416	2417	2417	2418	2418	2419	2420	2421	2423	2425	2427	2429				
15	2309	2311	2313	2315	2316	2317	2319	2320	2322	2323	2325	2328	2330	2333	2336				
20	2163	2165	2167	2169	2171	2173	2175	2177	2179	2182	2184	2187	2189	2192	2195				
25	1980	1981	1983	1984	1987	1990	1993	1996	1999	2002	2005	2007	2010	2012	2013				
30	1742	1750	1757	1764	1769	1774	1778	1781	1785	1788	1791	1795	1798	1801	1803				
35	1438	1450	1463	1476	1484	1492	1499	1506	1512	1518	1524	1530	1535	1540	1545				
40	1161	1174	1186	1197	1203	1208	1212	1214	1215	1215	1215	1213	1211	1207	1203				
45	892	898	904	911	922	933	943	952	959	963	960	953	944	930	914				
50	657	674	691	708	720	729	736	740	740	738	730	718	702	682	659				
55	453	480	507	532	545	553	559	560	558	552	542	528	510	487	461				
60	373	371	370	368	372	377	381	384	387	388	385	379	372	363	352				
65	324	317	309	301	295	290	285	280	276	273	272	271	271	272	274				
70	224	208	192	178	176	177	180	185	192	200	208	217	227	239	251				
75	186	170	155	141	137	136	136	139	143	149	155	163	172	182	194				
80	153	148	143	137	130	123	116	110	105	102	101	103	106	110	116				
85	80.4	82.0	83.0	83.2	80.2	76.5	72.3	68.0	63.7	59.7	57.6	56.1	55.0	54.5	54.5				
90	2.19	2.16	2.14	2.10	2.09	2.07	2.04	2.01	1.97	1.92	1.86	1.77	1.68	1.58	1.47				
95	30.8	30.4	30.0	29.5	29.2	29.0	28.8	28.7	28.5	28.4	28.4	28.4	28.4	28.5	28.7				
100	80.6	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.0	81.0	81.1	81.1	81.2	81.3	81.4				
105	140	141	142	143	143	143	143	143	143	143	143	143	143	143	143				
110	203	204	206	207	207	208	208	208	209	209	209	209	209	209	209				
115	267	269	270	271	273	274	275	275	276	277	277	277	278	278	278				
120	330	332	333	335	336	337	338	339	339	340	341	342	343	343	344				
125	389	391	392	394	395	396	397	398	399	400	401	402	403	404	404				
130	445	447	448	450	451	453	454	455	456	457	458	458	459	460	461				
135	497	499	501	503	504	505	506	507	508	509	510	511	512	513	514				
140	546	548	549	551	552	554	556	557	558	560	561	561	562	563	563				
145	590	591	593	594	596	598	599	601	602	603	604	605	606	606	606				
150	629	630	632	633	635	636	637	639	640	641	642	643	643	644	644				
155	663	664	665	666	668	669	670	672	673	674	675	675	676	676	677				
160	691	692	693	694	695	696	698	699	700	700	701	702	702	703	703				
165	713	714	715	716	717	717	718	719	720	721	721	722	722	723	723				
170	729	730	730	731	731	732	733	733	734	734	735	735	735	736	736				
175	738	738	739	739	740	740	740	741	741	741	742	742	742	742	742				
180	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-05-03

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks: