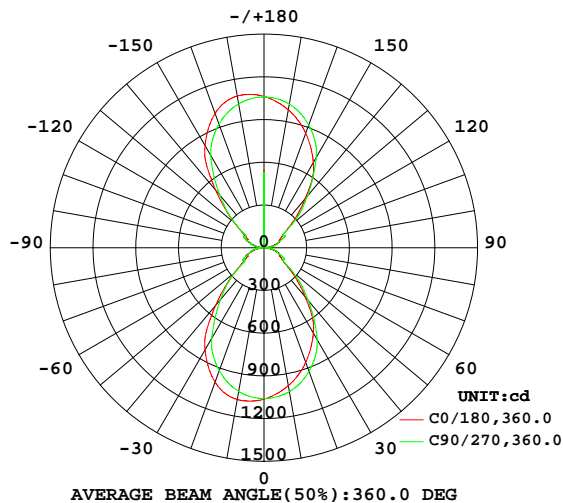


LUMINAIRE PHOTOMETRIC TEST REPORT

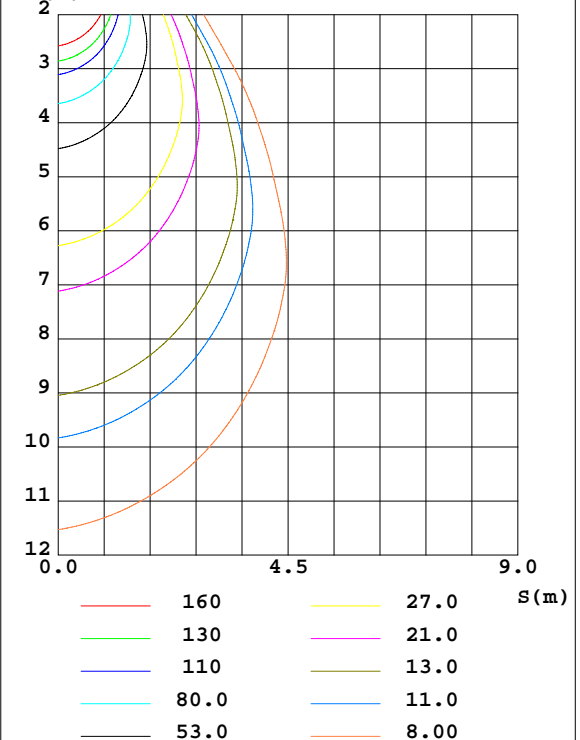
Test:U:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.60 lm/W			
MODEL		Imax(cd)	1084	S/MH(C0/180)	1.01
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.09
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	3684.5	η UP,DN(C0-180)	25.0,24.9
NOMINAL FLUX(lm)	3684.47	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.0,25.1
LAMPS INSIDE	1	η up(%)	50.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230.0	η down(%)	50.0	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:2022-06-16

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:

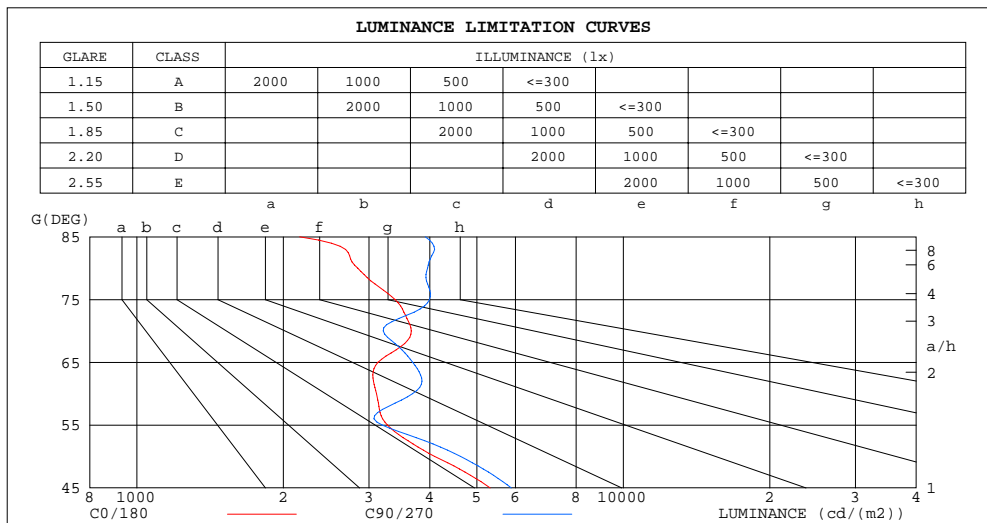
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	983.3	995.2	1026	1059	1082	1062	1025	990.3	0- 10	99.63	99.63	2.7,2.7
20	857.0	873.3	923.9	971.0	1005	970.9	918.2	868.9	10- 20	276.7	376.3	10.2,10.2
30	693.8	701.3	747.2	783.5	829.0	787.7	733.3	706.0	20- 30	386.6	762.9	20.7,20.7
40	450.4	472.0	481.9	534.5	528.9	525.1	476.0	475.7	30- 40	390.0	1153	31.3,31.3
50	235.0	281.4	265.7	316.8	265.6	314.8	258.2	291.4	40- 50	295.6	1448	39.3,39.3
60	138.8	138.6	164.6	154.2	141.6	147.7	172.6	149.9	50- 60	183.4	1632	44.3,44.3
70	112.0	64.00	98.01	71.55	110.2	69.64	107.3	72.47	60- 70	116.1	1748	47.4,47.4
80	44.10	42.05	61.37	45.77	46.24	51.96	65.89	45.76	70- 80	69.85	1818	49.3,49.3
90	0.6787	0.6943	0.7388	0.5751	0.8849	0.8355	1.057	1.071	80- 90	24.38	1842	50.50
100	44.10	45.76	65.89	51.96	46.24	45.77	61.37	42.05	90-100	24.38	1867	50.7,50.7
110	112.0	72.47	107.3	69.64	110.2	71.55	98.01	64.00	100-110	69.85	1936	52.6,52.6
120	138.8	149.9	172.6	147.7	141.6	154.2	164.6	138.6	110-120	116.1	2053	55.7,55.7
130	235.0	291.4	258.2	314.8	265.6	316.8	265.7	281.4	120-130	183.4	2236	60.7,60.7
140	450.4	475.7	476.0	525.2	528.9	534.5	481.9	472.0	130-140	295.6	2532	68.7,68.7
150	693.8	706.0	733.3	787.7	829.0	783.5	747.2	701.3	140-150	390.0	2922	79.3,79.3
160	857.0	868.9	918.2	970.9	1005	971.0	923.9	873.3	150-160	386.6	3308	89.8,89.8
170	983.3	990.3	1025	1062	1082	1059	1026	995.2	160-170	276.7	3585	97.3,97.3
180	1063	1063	1063	1063	1063	1063	1063	1063	170-180	99.63	3684	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:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2162	3916
80	2844	3958
75	3396	3994
70	3665	3209
65	3131	3690
60	3109	3687
55	3274	3191
50	4095	4628
45	5324	5883

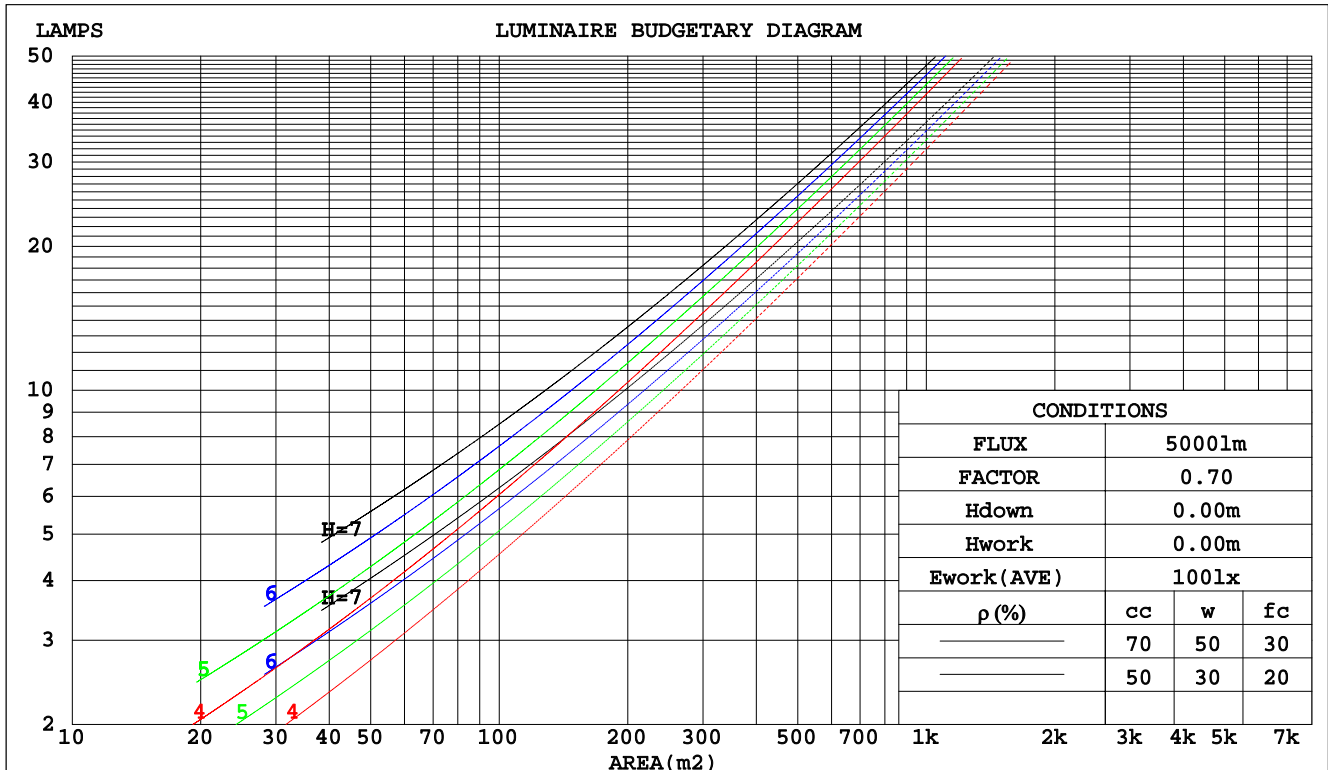
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	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	1.07	1.07	1.07	.99	.99	.99	.83	.83	.83	.69	.69	.69	.56	.56	.56	.50
1.0	.95	.91	.88	.88	.84	.82	.74	.72	.70	.62	.61	.59	.51	.50	.49	.44
2.0	.84	.78	.73	.78	.73	.69	.66	.63	.60	.56	.53	.51	.46	.44	.43	.38
3.0	.75	.68	.62	.69	.63	.59	.59	.55	.51	.50	.47	.44	.42	.39	.38	.34
4.0	.67	.59	.54	.62	.56	.51	.53	.49	.45	.45	.42	.39	.38	.35	.33	.30
5.0	.60	.52	.47	.56	.49	.44	.48	.43	.39	.41	.38	.35	.35	.32	.30	.27
6.0	.54	.47	.41	.51	.44	.39	.44	.39	.35	.38	.34	.31	.32	.29	.27	.24
7.0	.49	.42	.37	.46	.40	.35	.40	.35	.31	.35	.31	.28	.30	.27	.24	.22
8.0	.45	.38	.33	.42	.36	.31	.37	.32	.28	.32	.28	.25	.27	.24	.22	.20
9.0	.41	.34	.29	.39	.33	.28	.34	.29	.25	.30	.26	.23	.25	.22	.20	.18
10.0	.38	.31	.27	.36	.30	.26	.32	.27	.23	.28	.24	.21	.24	.21	.19	.17



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	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	.235	.134	.043	.194	.111	.036	.156	.090	.029	.121	.070	.023		
2.0	.240	.132	.040	.220	.121	.037	.183	.102	.032	.148	.083	.026	.116	.066	.021		
3.0	.223	.119	.036	.205	.110	.033	.171	.093	.028	.139	.076	.023	.110	.061	.019		
4.0	.208	.108	.032	.191	.100	.030	.160	.085	.025	.130	.070	.021	.103	.056	.017		
5.0	.194	.099	.029	.178	.092	.027	.149	.078	.023	.122	.065	.019	.097	.052	.016		
6.0	.181	.091	.026	.167	.084	.024	.140	.072	.021	.115	.060	.018	.092	.048	.014		
7.0	.170	.084	.024	.157	.078	.022	.132	.067	.019	.109	.056	.016	.087	.045	.013		
8.0	.160	.078	.022	.147	.073	.021	.124	.062	.018	.103	.052	.015	.082	.042	.012		
9.0	.150	.073	.020	.139	.068	.019	.118	.058	.016	.097	.049	.014	.078	.040	.011		
10.0	.142	.068	.019	.132	.064	.018	.111	.055	.015	.092	.046	.013	.074	.037	.011		

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	.571	.571	.571	.488	.488	.488	.333	.333	.333	.191	.191	.191	.061	.061	.061	
1.0	.561	.541	.523	.480	.464	.450	.328	.319	.311	.189	.185	.181	.061	.059	.058	
2.0	.552	.519	.491	.473	.447	.424	.324	.309	.296	.187	.180	.174	.060	.058	.057	
3.0	.544	.503	.470	.467	.434	.407	.320	.301	.286	.185	.176	.168	.059	.057	.055	
4.0	.537	.491	.455	.461	.424	.395	.317	.295	.278	.183	.173	.165	.059	.056	.054	
5.0	.530	.481	.444	.456	.416	.387	.314	.291	.273	.182	.171	.162	.059	.056	.053	
6.0	.524	.473	.437	.451	.410	.380	.311	.287	.269	.180	.169	.160	.058	.055	.053	
7.0	.518	.467	.431	.446	.405	.376	.308	.284	.266	.179	.167	.158	.058	.055	.052	
8.0	.513	.462	.427	.442	.401	.372	.306	.281	.264	.178	.166	.157	.058	.054	.052	
9.0	.508	.457	.423	.437	.397	.369	.303	.279	.262	.177	.165	.156	.057	.054	.052	
10.0	.503	.454	.421	.434	.394	.367	.301	.277	.261	.175	.164	.156	.057	.054	.052	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.: 610*265*30			SERIAL No.:			
MFR.: MC008422017-05					SUR.:0.556*0.161			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	13.0	13.8	13.8	14.7	15.7	13.3	14.2	14.2	15.1	16.1	
	3H	13.9	14.7	14.8	15.6	16.7	14.2	15.0	15.1	15.8	16.9
	4H	14.4	15.2	15.3	16.1	17.2	14.8	15.5	15.7	16.4	17.5
	6H	14.8	15.5	15.7	16.4	17.5	15.3	16.0	16.3	16.9	18.1
	8H	14.9	15.6	15.8	16.5	17.6	15.6	16.2	16.5	17.2	18.3
	12H	14.9	15.6	15.9	16.5	17.7	15.8	16.4	16.7	17.3	18.5
4H	2H	13.0	13.8	13.9	14.6	15.8	13.4	14.1	14.3	15.0	16.1
	3H	14.1	14.7	15.0	15.6	16.8	14.3	14.9	15.2	15.8	17.0
	4H	14.8	15.3	15.7	16.2	17.5	14.9	15.5	15.9	16.4	17.6
	6H	15.3	15.7	16.2	16.7	17.9	15.7	16.2	16.7	17.1	18.4
	8H	15.4	15.9	16.4	16.8	18.1	16.1	16.5	17.0	17.5	18.7
	12H	15.5	15.9	16.5	16.9	18.2	16.3	16.7	17.3	17.7	19.0
8H	4H	14.7	15.2	15.7	16.1	17.4	14.9	15.3	15.9	16.3	17.6
	6H	15.4	15.8	16.4	16.8	18.1	15.8	16.2	16.8	17.2	18.5
	8H	15.7	16.0	16.7	17.0	18.3	16.3	16.6	17.3	17.6	18.9
	12H	15.9	16.1	16.9	17.1	18.5	16.7	17.0	17.7	18.0	19.3
12H	4H	14.7	15.1	15.7	16.1	17.4	14.9	15.3	15.9	16.2	17.5
	6H	15.4	15.8	16.5	16.8	18.1	15.8	16.1	16.9	17.2	18.5
	8H	15.8	16.0	16.8	17.0	18.4	16.4	16.6	17.4	17.7	19.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5					
1.5H	+ 0.2 / - 0.4					+ 0.4 / - 0.4					
2.0H	+ 1.0 / - 0.8					+ 0.6 / - 0.4					

CIE Pub.117, 3684 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.5$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	Shielding Angle:

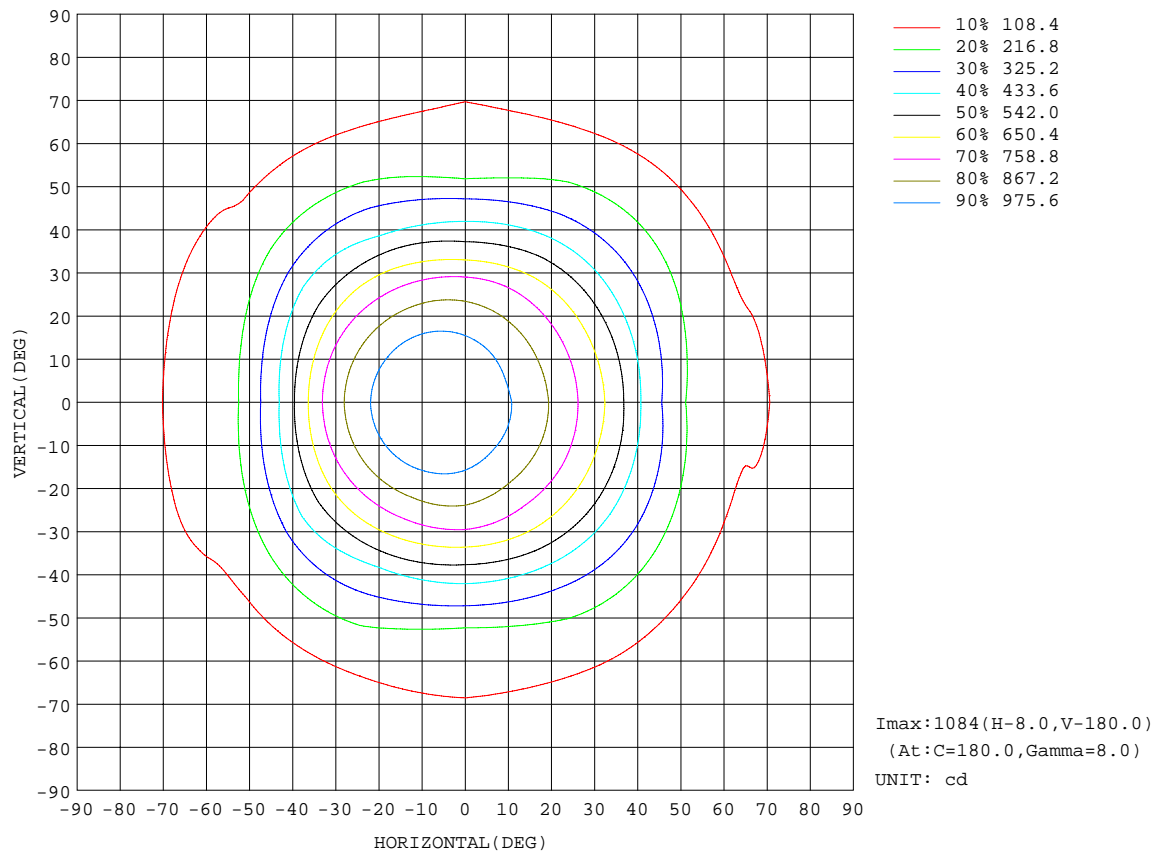
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	50	40	34	47	38	33	42	35	31	24
0.80	59	48	42	55	46	41	49	42	38	28
1.00	66	56	49	62	53	47	55	49	43	32
1.25	72	62	56	68	59	53	59	53	48	35
1.50	77	68	61	72	64	58	63	57	52	37
2.00	83	75	69	78	70	65	67	62	58	40
2.50	87	80	74	81	75	70	70	65	61	41
3.00	90	84	78	84	78	73	72	68	64	43
4.00	94	89	84	87	83	79	74	71	68	44
5.00	97	92	88	89	85	82	76	73	71	45
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:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	Shielding Angle:

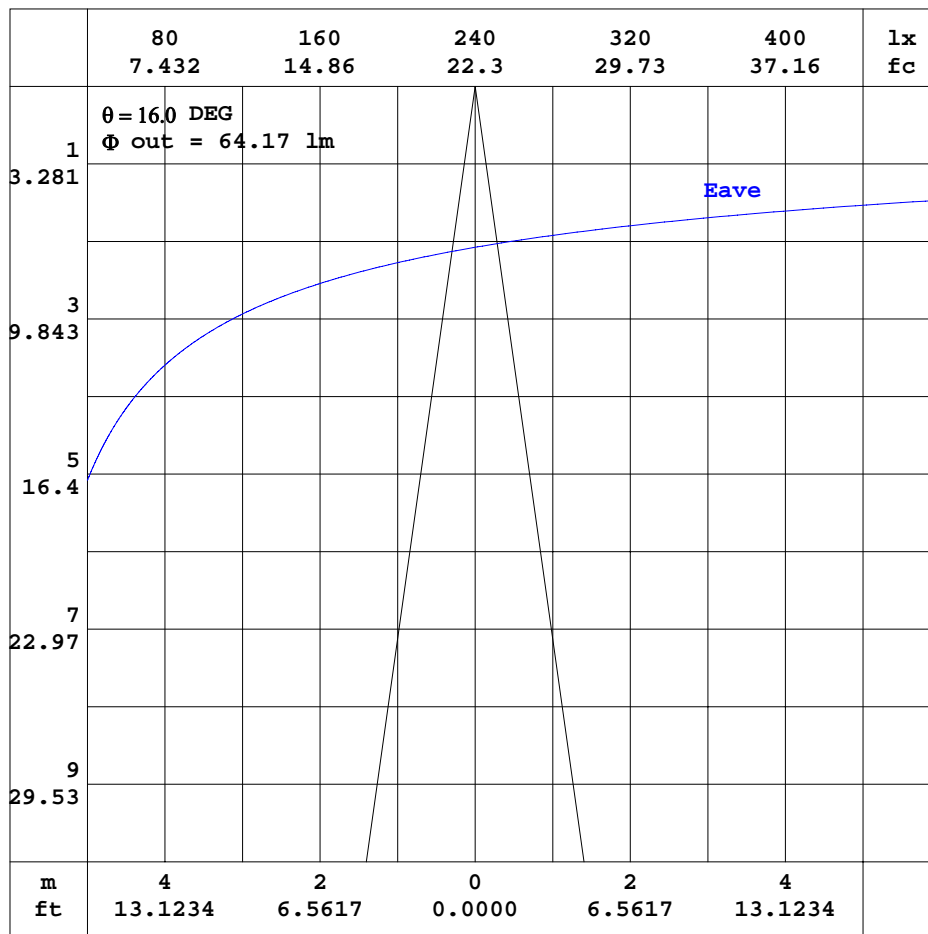


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	Shielding Angle:



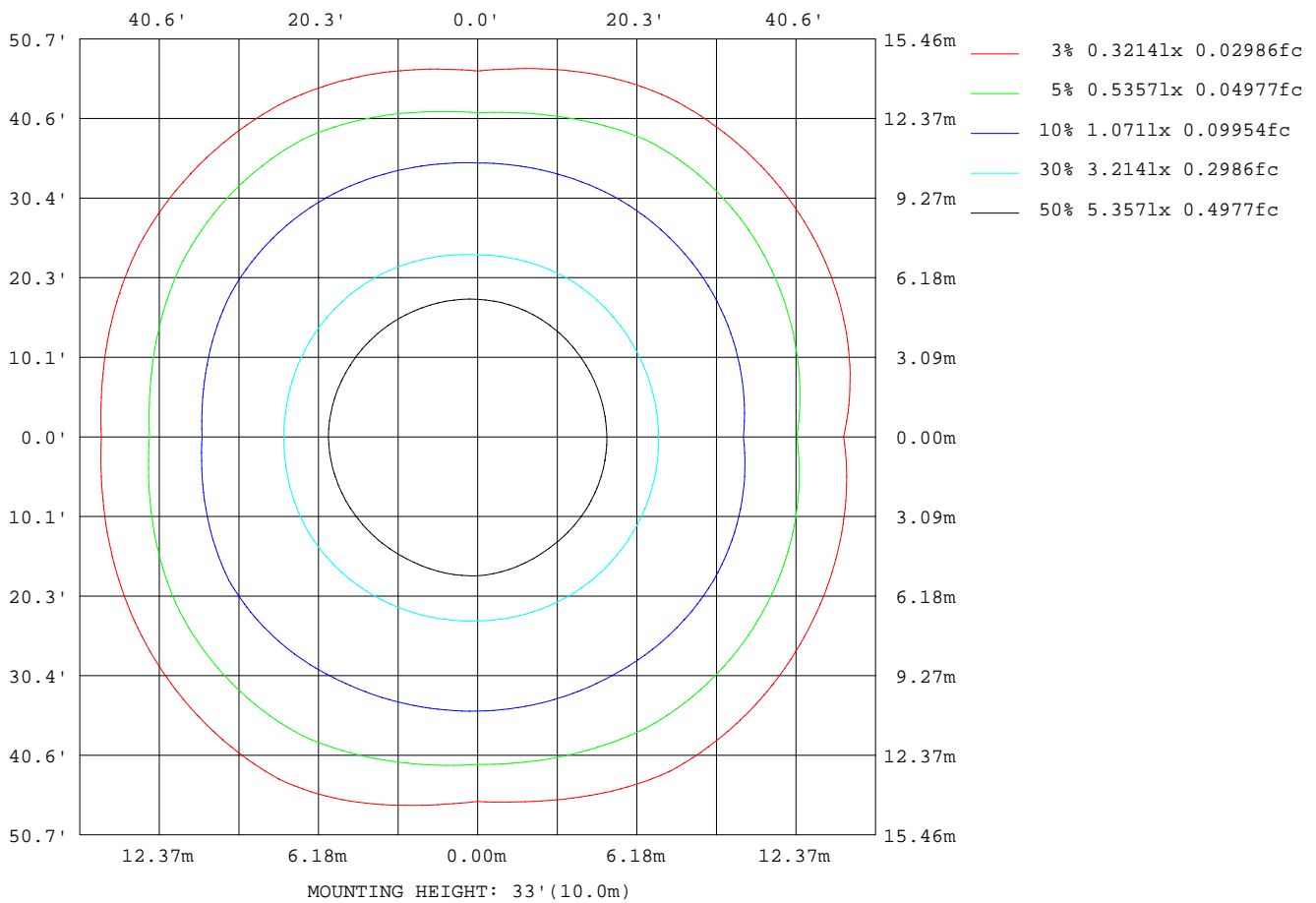
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	Shielding Angle:

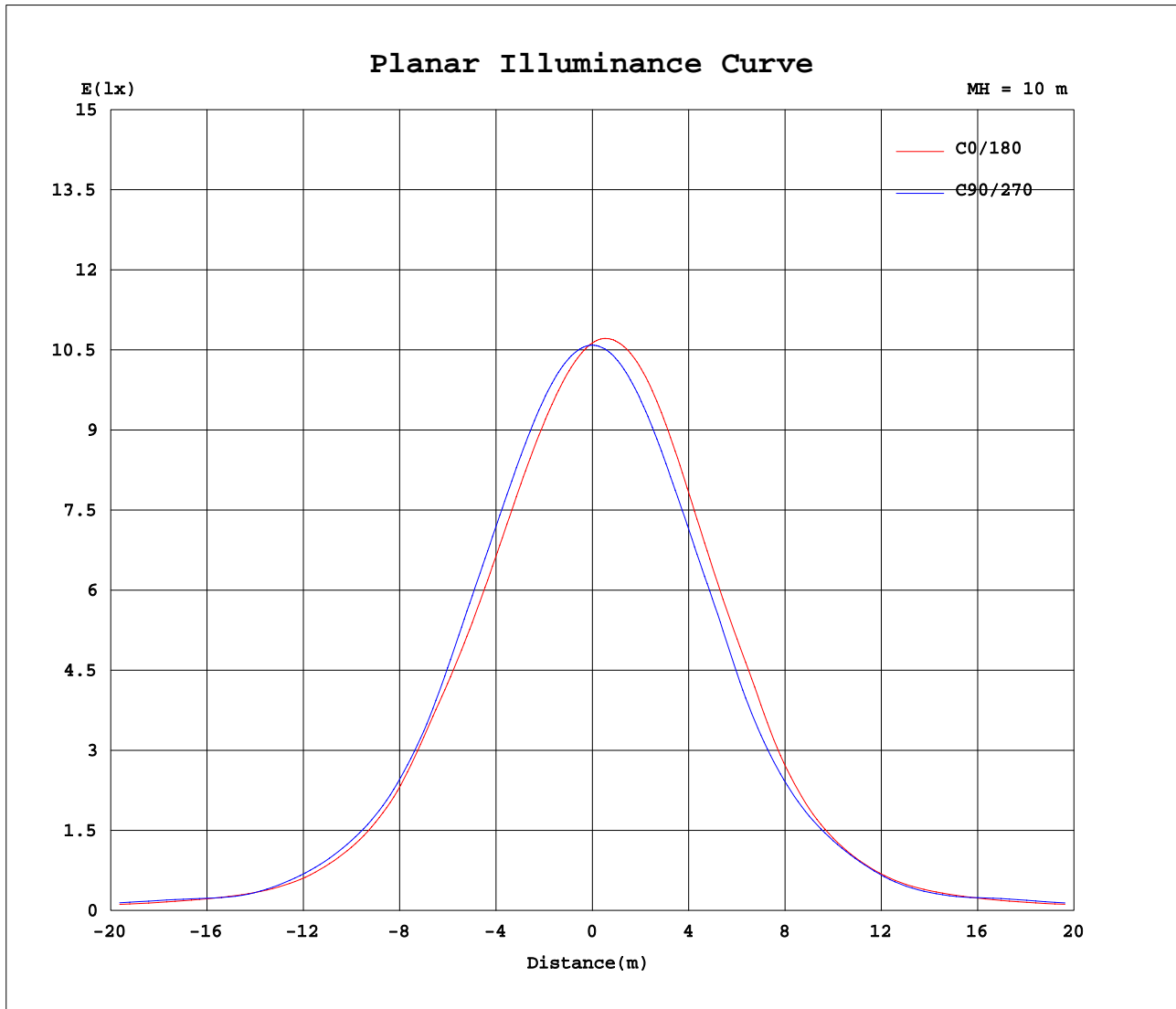
AvgL	cd/m2
L_0~180(65)av	3351
L_0~180(75)av	3368
L_0~180(85)av	2049
L_90~270(65)av	3678
L_90~270(75)av	4014
L_90~270(85)av	3783
L_45(65)av	2869
L_45(75)av	2310
L_45(85)av	2814

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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: 2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*265*30	SERIAL No.:
MFR.: MC008422017-05	SUR.:0.556*0.161	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	1063	1063	1063	1063	1062	1062	1062	1061	1061	1061	1060	1060	1060	1060	1059	1059	1059	1059	1059
5	1029	1029	1030	1030	1031	1031	1032	1033	1034	1035	1036	1037	1039	1041	1042	1045	1047	1049	1051
10	983	984	985	985	987	988	989	991	993	995	998	1000	1003	1007	1010	1014	1018	1022	1026
15	927	927	928	929	930	932	934	936	938	941	944	948	951	956	961	967	972	978	984
20	857	858	859	860	861	863	865	868	870	873	877	881	885	891	897	904	911	917	924
25	778	779	779	780	782	784	786	788	790	793	796	800	805	812	819	827	834	842	849
30	694	693	692	692	693	694	695	697	699	701	704	708	712	718	723	729	736	742	747
35	591	592	593	594	595	596	597	599	600	602	603	605	606	606	607	607	608	610	612
40	450	452	454	456	458	460	463	466	469	472	475	478	480	480	480	480	480	481	482
45	336	346	355	362	368	373	375	375	373	371	368	365	362	363	364	365	367	369	371
50	235	245	253	261	267	272	277	279	281	281	281	281	279	276	273	270	268	266	266
55	168	174	181	186	191	195	199	202	205	207	208	207	206	198	190	181	174	167	163
60	139	139	138	138	138	138	138	138	138	139	139	140	142	145	149	153	157	161	165
65	118	112	106	102	99.1	97.2	96.5	98.1	101	104	108	112	117	122	127	131	135	137	139
70	112	105	98.0	91.9	86.2	81.2	76.6	71.7	67.4	64.0	61.6	60.4	60.5	66.2	72.9	79.9	86.8	93.1	98.0
75	78.5	74.5	70.8	67.4	64.3	61.4	58.7	55.2	52.1	49.7	48.2	47.8	48.7	55.8	63.7	72.0	79.9	86.9	92.3
80	44.1	43.7	43.4	43.1	42.9	42.8	42.7	42.3	42.1	42.1	42.3	42.8	43.8	46.6	49.7	53.0	56.1	59.0	61.4
85	16.8	16.9	17.0	17.2	17.5	17.9	18.4	19.0	19.7	20.5	21.3	22.3	23.3	24.8	26.2	27.6	28.9	29.8	30.5
90	0.68	0.67	0.66	0.65	0.65	0.65	0.65	0.66	0.68	0.69	0.71	0.73	0.74	0.75	0.75	0.75	0.75	0.75	0.74
95	16.8	17.0	17.3	17.7	18.2	18.8	19.6	20.8	22.0	23.3	24.6	25.8	26.9	27.4	27.7	28.0	28.2	28.3	28.4
100	44.1	42.0	40.4	39.3	38.8	38.8	39.4	41.1	43.3	45.8	48.5	51.3	54.2	56.8	59.2	61.5	63.4	64.9	65.9
105	78.5	73.7	69.5	66.1	63.3	61.2	59.8	59.0	59.0	59.6	60.9	62.8	65.3	70.8	76.4	81.9	86.8	90.7	93.3
110	112	106	100	95.0	90.4	86.2	82.5	78.5	75.1	72.5	70.8	70.1	70.7	76.8	83.6	90.7	97.4	103	107
115	118	115	113	111	110	109	110	111	113	115	117	120	123	126	130	133	135	137	138
120	139	141	143	145	146	148	149	149	150	150	150	151	152	156	160	164	168	171	173
125	168	178	188	196	203	209	213	217	219	220	220	219	216	207	198	189	180	173	167
130	235	245	254	262	269	276	281	285	289	291	293	293	292	286	279	273	266	261	258
135	336	345	352	358	364	368	372	373	374	374	374	373	372	371	371	370	369	370	370
140	450	452	454	457	459	462	464	468	472	476	479	482	484	483	481	480	478	477	476
145	591	589	588	587	586	586	586	588	590	591	593	595	597	596	596	595	595	596	598
150	694	692	690	690	690	691	693	697	701	706	711	716	721	723	725	726	728	731	733
155	778	777	777	777	778	779	781	784	788	792	796	801	806	811	817	823	829	835	841
160	857	856	855	855	856	857	859	862	865	869	873	878	883	889	894	900	906	912	918
165	927	925	924	924	924	925	926	929	932	936	940	945	950	954	959	964	969	975	980
170	983	982	981	980	981	981	982	985	987	990	994	997	1001	1005	1009	1013	1017	1021	1025
175	1029	1028	1027	1026	1026	1026	1027	1028	1029	1031	1033	1035	1038	1040	1042	1044	1046	1049	1051
180	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 610*265*30					SERIAL No.:				
MFR.: MC008422017-05									SUR.:0.556*0.161					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	1059	1059	1059	1059	1059	1059	1058	1058	1058	1057	1057	1057	1058	1059	1060	1061	1062	1063	1063
5	1053	1055	1057	1059	1061	1063	1064	1066	1067	1069	1070	1071	1073	1075	1077	1079	1080	1081	1081
10	1030	1034	1038	1042	1045	1049	1052	1056	1059	1063	1066	1069	1072	1075	1077	1079	1081	1082	1081
15	989	994	999	1004	1009	1014	1019	1024	1028	1033	1037	1042	1046	1049	1053	1055	1057	1058	1058
20	929	934	939	944	949	954	959	965	971	977	982	987	991	996	999	1002	1004	1005	1004
25	853	857	860	863	866	870	875	881	888	894	900	905	910	915	919	922	924	925	924
30	750	753	756	759	762	766	771	777	783	790	796	802	808	814	819	824	827	829	828
35	616	621	626	632	639	646	653	661	668	675	682	688	692	695	698	700	701	701	700
40	485	490	494	500	505	511	519	527	535	541	547	551	549	546	542	537	533	529	531
45	372	374	375	378	381	384	394	404	414	422	429	435	428	419	409	400	391	384	390
50	271	277	284	292	299	306	311	314	317	318	318	316	308	298	289	280	272	266	270
55	172	182	193	205	217	227	229	230	228	226	222	217	211	205	199	193	188	185	188
60	166	166	166	166	165	163	160	157	154	151	148	145	143	142	142	141	141	142	143
65	137	134	130	126	121	116	112	107	103	99.8	97.7	97.0	103	109	116	123	130	135	132
70	95.3	91.2	86.3	81.0	75.7	71.0	70.3	70.5	71.5	73.4	76.1	79.4	85.2	91.3	97.2	103	107	110	107
75	89.2	84.4	78.4	71.7	64.8	58.1	55.0	52.6	51.0	50.3	50.4	51.4	55.6	60.3	65.2	69.8	74.0	77.2	75.2
80	61.8	61.6	60.9	59.6	58.0	55.9	52.6	49.2	45.8	42.5	39.7	37.4	38.0	39.1	40.6	42.4	44.4	46.2	46.5
85	29.9	28.9	27.7	26.2	24.7	23.1	21.7	20.4	19.2	18.0	17.0	16.1	15.5	15.2	14.9	14.8	14.9	15.1	15.2
90	0.73	0.71	0.70	0.68	0.66	0.64	0.62	0.59	0.58	0.56	0.56	0.56	0.61	0.66	0.72	0.78	0.83	0.88	0.89
95	29.1	29.6	30.1	30.4	30.4	30.2	28.6	26.7	24.6	22.5	20.4	18.4	17.4	16.6	15.9	15.5	15.2	15.1	14.9
100	65.4	64.5	63.2	61.5	59.6	57.6	55.7	53.8	52.0	50.2	48.6	47.2	46.8	46.7	46.6	46.6	46.5	46.2	44.4
105	88.9	83.3	76.8	69.9	63.1	56.8	54.7	53.5	53.2	53.6	54.8	56.6	60.4	64.5	68.5	72.2	75.2	77.2	74.0
110	103	96.3	89.1	81.6	74.4	68.0	67.3	67.9	69.6	72.3	75.8	80.0	85.9	92.0	97.8	103	107	110	107
115	137	134	131	128	125	121	117	114	111	109	108	107	112	117	123	128	132	135	130
120	170	166	162	157	153	149	148	148	148	148	149	149	148	146	145	144	143	142	141
125	172	179	188	197	206	214	217	219	220	219	218	216	210	204	198	193	188	185	188
130	265	273	282	292	301	310	313	315	315	314	311	308	300	292	283	276	270	266	272
135	373	377	381	386	391	396	404	412	419	425	429	432	425	416	407	398	390	384	391
140	479	482	487	492	497	503	511	518	525	532	537	542	541	539	536	534	531	529	533
145	604	610	618	626	635	644	652	660	667	674	680	686	691	694	697	699	700	701	701
150	738	744	749	756	762	768	775	781	788	794	800	805	811	817	821	825	828	829	827
155	846	851	856	861	866	871	877	883	888	894	899	904	910	914	918	921	924	925	924
160	924	930	936	942	948	954	960	965	971	976	981	986	991	995	999	1001	1004	1005	1004
165	986	992	998	1004	1009	1015	1020	1025	1030	1035	1039	1043	1047	1050	1053	1056	1058	1058	1057
170	1029	1034	1038	1042	1047	1051	1055	1058	1062	1065	1068	1071	1074	1076	1078	1080	1081	1082	1081
175	1053	1056	1058	1060	1062	1065	1067	1069	1070	1072	1074	1075	1077	1078	1079	1080	1081	1081	1080
180	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*265*30						SERIAL No.:		
MFR.: MC008422017-05									SUR.:0.556*0.161						Shielding Angle:		

Table--3

UNIT: cd

C(DEC) γ (DEC)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1063	1063	1063	1062	1062	1061	1061	1061	1060	1060	1060	1060	1059	1059	1059	1059	1059	1059	1059
5	1080	1079	1078	1077	1075	1074	1072	1070	1069	1067	1065	1062	1060	1058	1056	1053	1051	1049	1046
10	1080	1078	1076	1074	1071	1068	1065	1062	1058	1055	1051	1047	1042	1038	1034	1029	1025	1021	1017
15	1056	1053	1050	1047	1043	1039	1035	1030	1025	1020	1015	1009	1004	998	992	986	980	975	969
20	1001	999	995	991	986	981	976	971	965	960	954	948	942	936	930	924	918	912	906
25	921	918	914	910	904	899	894	888	883	877	871	866	861	856	851	846	841	835	829
30	825	821	817	811	805	800	794	788	781	775	768	762	756	749	744	738	733	731	728
35	699	697	694	691	686	680	674	667	660	652	644	635	626	618	610	604	598	596	595
40	534	536	539	541	542	537	532	525	518	511	503	497	492	487	482	479	476	477	478
45	398	407	416	425	432	429	425	419	412	404	396	391	386	381	377	373	370	370	369
50	276	283	292	300	308	311	314	315	315	313	310	301	292	282	273	265	258	261	266
55	193	198	204	210	216	218	219	220	219	217	214	206	197	188	179	172	167	173	180
60	144	145	146	148	149	149	148	148	148	148	149	153	157	162	166	170	173	171	168
65	128	123	117	112	107	108	109	111	114	117	121	125	128	131	134	137	138	137	135
70	103	97.8	92.0	85.9	80.0	75.8	72.3	69.6	67.9	67.3	68.0	74.4	81.6	89.1	96.3	103	107	103	97.4
75	72.2	68.5	64.5	60.4	56.6	54.8	53.6	53.2	53.5	54.7	56.8	63.1	69.9	76.8	83.3	88.9	93.3	90.7	86.8
80	46.6	46.6	46.7	46.8	47.2	48.6	50.2	52.0	53.8	55.7	57.6	59.6	61.5	63.2	64.5	65.4	65.9	64.9	63.4
85	15.5	15.9	16.6	17.4	18.4	20.4	22.5	24.6	26.7	28.6	30.2	30.4	30.4	30.1	29.6	29.1	28.4	28.3	28.2
90	0.89	0.89	0.88	0.86	0.85	0.84	0.84	0.84	0.84	0.84	0.85	0.88	0.92	0.95	0.99	1.03	1.06	1.07	1.07
95	14.8	14.9	15.2	15.5	16.1	17.0	18.0	19.2	20.4	21.7	23.1	24.7	26.2	27.7	28.9	29.9	30.5	29.8	28.9
100	42.4	40.6	39.1	38.0	37.4	39.7	42.5	45.8	49.2	52.6	55.9	58.0	59.6	60.9	61.6	61.8	61.4	59.0	56.1
105	69.8	65.2	60.3	55.6	51.4	50.4	50.3	51.0	52.6	55.0	58.1	64.8	71.7	78.4	84.4	89.2	92.3	86.9	79.9
110	103	97.2	91.3	85.2	79.4	76.1	73.4	71.5	70.5	70.3	71.0	75.7	81.0	86.3	91.2	95.3	98.0	93.1	86.8
115	123	116	109	103	97.0	97.7	99.8	103	107	112	116	121	126	130	134	137	139	137	135
120	141	142	142	143	145	148	151	154	157	160	163	165	166	166	166	166	165	161	157
125	193	199	205	211	217	222	226	228	230	229	227	217	205	193	182	172	163	167	174
130	280	289	298	308	316	318	318	317	314	311	306	299	292	284	277	271	266	266	268
135	400	409	419	428	435	429	422	414	404	394	384	381	378	375	374	372	371	369	367
140	537	542	546	549	551	547	541	535	527	519	511	505	500	494	490	485	482	481	480
145	700	698	695	692	688	682	675	668	661	653	646	639	632	626	621	616	612	610	608
150	824	819	814	808	802	796	790	783	777	771	766	762	759	756	753	750	747	742	736
155	922	919	915	910	905	900	894	888	881	875	870	866	863	860	857	853	849	842	834
160	1002	999	996	991	987	982	977	971	965	959	954	949	944	939	934	929	924	917	911
165	1055	1053	1049	1046	1042	1037	1033	1028	1024	1019	1014	1009	1004	999	994	989	984	978	972
170	1079	1077	1075	1072	1069	1066	1063	1059	1056	1052	1049	1045	1042	1038	1034	1030	1026	1022	1018
175	1079	1077	1075	1073	1071	1070	1069	1067	1066	1064	1063	1061	1059	1057	1055	1053	1051	1049	1047
180	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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:229.82V I:0.1786A P:39.362W PF:0.9591 Freq:49.99Hz Lamp Flux:3684.47x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*265*30						SERIAL No.:		
MFR.: MC008422017-05									SUR.:0.556*0.161						Shielding Angle:		

Table--4

UNIT: cd

C(DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
γ (DEC)																			
0	1059	1059	1059	1059	1058	1058	1058	1057	1057	1057	1058	1058	1059	1060	1062				
5	1044	1042	1040	1038	1035	1033	1031	1029	1028	1027	1026	1026	1026	1027	1028				
10	1013	1009	1005	1001	997	994	990	987	985	982	981	981	980	981	982				
15	964	959	954	950	945	940	936	932	929	926	925	924	924	924	925				
20	900	894	889	883	878	873	869	865	862	859	857	856	855	855	856				
25	823	817	811	806	801	796	792	788	784	781	779	778	777	777	777				
30	726	725	723	721	716	711	706	701	697	693	691	690	690	690	692				
35	595	596	596	597	595	593	591	590	588	586	586	586	587	588	589				
40	480	481	483	484	482	479	476	472	468	464	462	459	457	454	452				
45	370	371	371	372	373	374	374	374	373	372	368	364	358	352	345				
50	273	279	286	292	293	293	291	289	285	281	276	269	262	254	245				
55	189	198	207	216	219	220	220	219	217	213	209	203	196	188	178				
60	164	160	156	152	151	150	150	150	149	149	148	146	145	143	141				
65	133	130	126	123	120	117	115	113	111	110	109	110	111	113	115				
70	90.7	83.6	76.8	70.7	70.1	70.8	72.5	75.1	78.5	82.5	86.2	90.4	95.0	100	106				
75	81.9	76.4	70.8	65.3	62.8	60.9	59.6	59.0	59.0	59.8	61.2	63.3	66.1	69.5	73.7				
80	61.5	59.2	56.8	54.2	51.3	48.5	45.8	43.3	41.1	39.4	38.8	38.8	39.3	40.4	42.0				
85	28.0	27.7	27.4	26.9	25.8	24.6	23.3	22.0	20.8	19.6	18.8	18.2	17.7	17.3	17.0				
90	1.07	1.07	1.06	1.06	1.06	1.07	1.07	1.07	1.06	1.04	1.00	0.96	0.90	0.84	0.76				
95	27.6	26.2	24.8	23.3	22.3	21.3	20.5	19.7	19.0	18.4	17.9	17.5	17.2	17.0	16.9				
100	53.0	49.7	46.6	43.8	42.8	42.3	42.1	42.1	42.3	42.7	42.8	42.9	43.1	43.4	43.7				
105	72.0	63.7	55.8	48.7	47.8	48.2	49.7	52.1	55.2	58.7	61.4	64.3	67.4	70.8	74.5				
110	79.9	72.9	66.2	60.5	60.4	61.6	64.0	67.4	71.7	76.6	81.2	86.2	91.9	98.0	105				
115	131	127	122	117	112	108	104	101	98.1	96.5	97.2	99.1	102	106	112				
120	153	149	145	142	140	139	139	138	138	138	138	138	138	138	139				
125	181	190	198	206	207	208	207	205	202	199	195	191	186	181	174				
130	270	273	276	279	281	281	281	281	279	277	272	267	261	253	245				
135	365	364	363	362	365	368	371	373	375	375	373	368	362	355	346				
140	480	480	480	480	478	475	472	469	466	463	460	458	456	454	452				
145	607	607	606	606	605	603	602	600	599	597	596	595	594	593	592				
150	729	723	718	712	708	704	701	699	697	695	694	693	692	692	693				
155	827	819	812	805	800	796	793	790	788	786	784	782	780	779	779				
160	904	897	891	885	881	877	873	870	868	865	863	861	860	859	858				
165	967	961	956	951	948	944	941	938	936	934	932	930	929	928	927				
170	1014	1010	1007	1003	1000	998	995	993	991	989	988	987	985	985	984				
175	1045	1042	1041	1039	1037	1036	1035	1034	1033	1032	1031	1031	1030	1030	1029				
180	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-06-16

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: