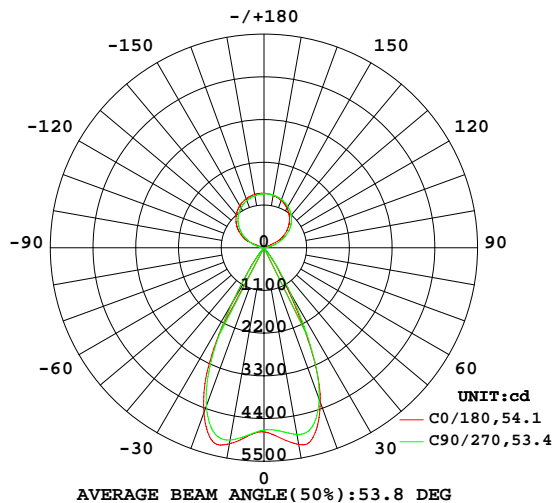


LUMINAIRE PHOTOMETRIC TEST REPORT

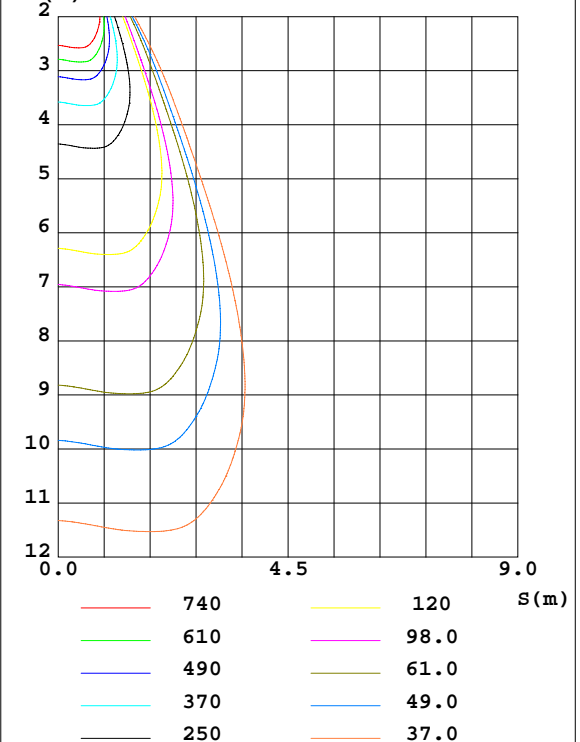
Test:U:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.74 lm/W			
MODEL		Imax(cd)	5212	S/MH(C0/180)	0.76
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	7362.8	η UP,DN(C0-180)	26.2,23.9
NOMINAL FLUX(lm)	7362.84	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.4,24.5
LAMPS INSIDE	1	η up(%)	51.6	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230.0	η down(%)	48.4	CIBSE SHR MAX	0.75

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:2022-04-06

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:

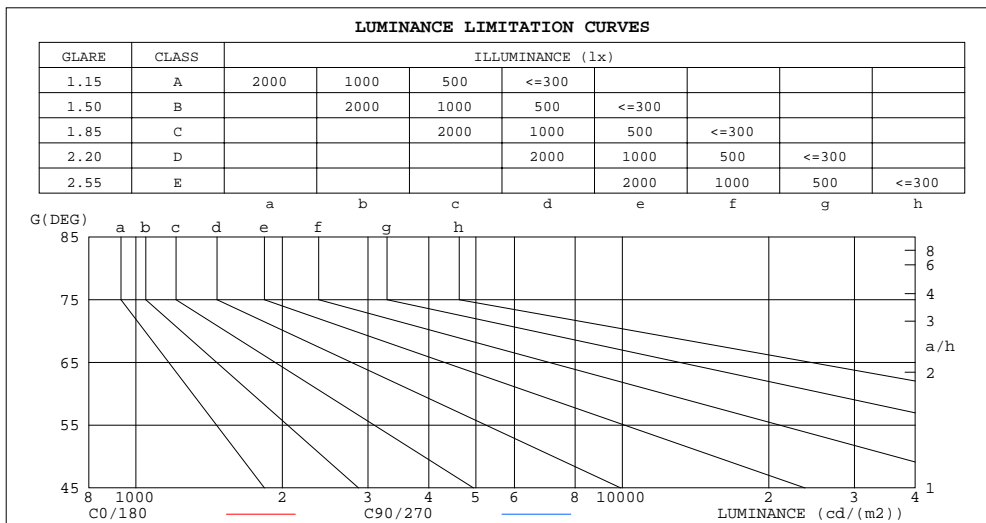
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	5142	5004	4879	4941	5124	5082	5027	5072	0- 10	467.6	467.6	6.35,6.35
20	4239	4141	4152	4348	4520	4474	4338	4226	10- 20	1363	1831	24.9,24.9
30	1196	1251	1424	1567	1615	1672	1589	1291	20- 30	1345	3176	43.1,43.1
40	72.98	118.0	134.6	156.6	114.2	116.6	87.98	84.27	30- 40	365.4	3541	48.1,48.1
50	1.282	2.325	1.405	3.543	1.441	2.876	1.355	2.089	40- 50	17.93	3559	48.3,48.3
60	0.4128	0.4121	0.4129	0.3951	0.3854	0.5415	0.3431	0.5158	50- 60	0.7655	3560	48.3,48.3
70	0.3335	0.2610	0.2234	0.2175	0.2845	0.2750	0.2648	0.3162	60- 70	0.3152	3560	48.4,48.4
80	0.3690	0.2922	0.3201	0.2058	0.2801	0.2608	0.2506	0.3649	70- 80	0.2944	3560	48.4,48.4
90	0.9278	0.4296	3.240	3.922	4.106	0.2921	0.3179	0.5584	80- 90	0.4641	3561	48.4,48.4
100	10.78	10.89	112.4	11.78	12.93	11.20	78.96	10.10	90-100	13.13	3574	48.5,48.5
110	18.42	291.8	378.1	408.1	132.5	370.6	333.7	260.3	100-110	120.4	3694	50.2,50.2
120	548.4	586.7	657.6	692.2	689.7	650.8	603.1	553.7	110-120	445.6	4140	56.2,56.2
130	811.8	839.5	902.5	928.5	926.7	885.7	845.1	808.6	120-130	665.8	4806	65.3,65.3
140	1022	1042	1089	1114	1111	1074	1039	1017	130-140	746.9	5553	75.4,75.4
150	1185	1195	1229	1249	1250	1215	1189	1177	140-150	713.8	6267	85.1,85.1
160	1301	1300	1324	1340	1344	1313	1297	1292	150-160	583.8	6850	93.93
170	1373	1364	1377	1390	1395	1369	1363	1364	160-170	380.5	7231	98.2,98.2
180	1405	1405	1405	1405	1405	1405	1405	1405	170-180	132.0	7363	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:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	139	47
80	48	41
75	30	21
70	22	15
65	18	15
60	19	19
55	27	28
50	45	49
45	125	296

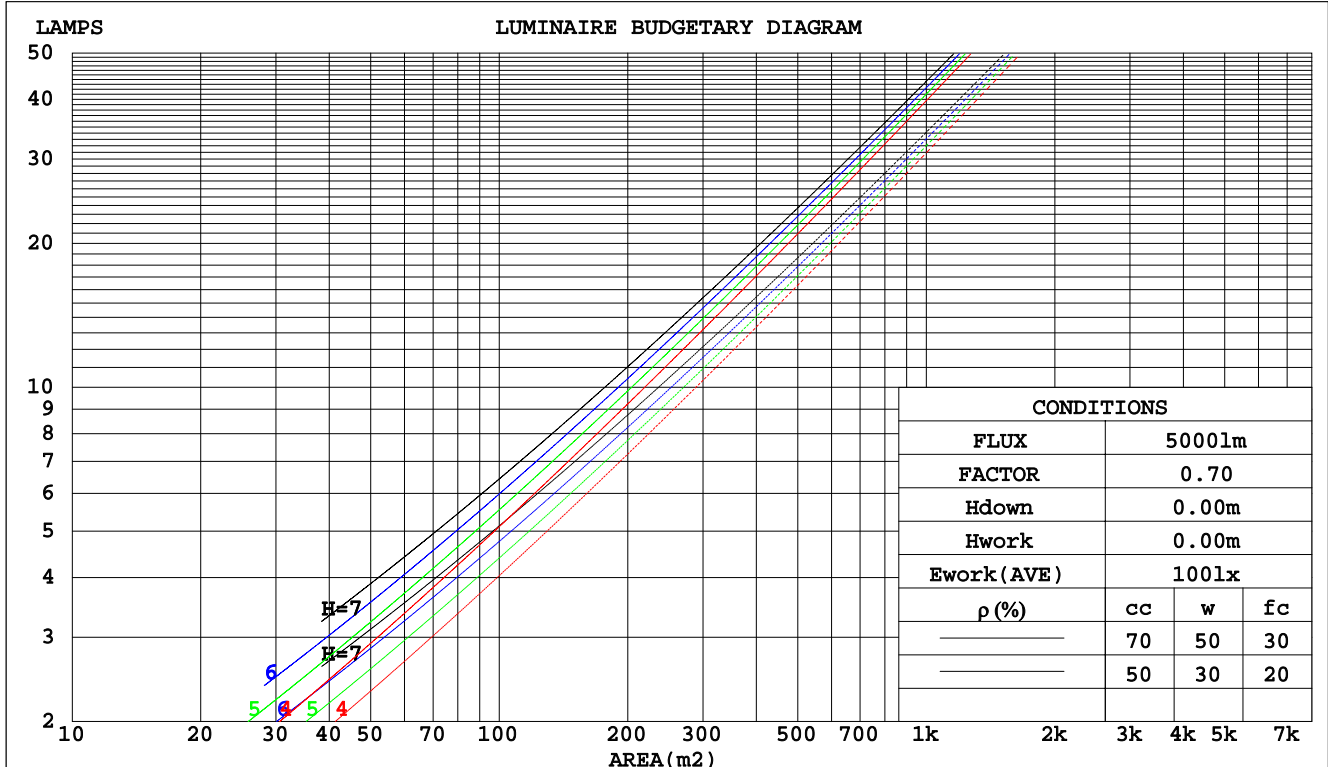
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	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	.98	.98	.98	.82	.82	.82	.68	.68	.68	.55	.55	.55	.48
1.0	.97	.94	.91	.89	.87	.85	.76	.74	.73	.64	.63	.62	.52	.52	.51	.46
2.0	.88	.83	.80	.82	.78	.75	.70	.68	.65	.60	.58	.56	.50	.49	.48	.43
3.0	.81	.75	.71	.75	.70	.67	.65	.62	.59	.56	.54	.52	.47	.46	.45	.41
4.0	.74	.68	.63	.69	.64	.60	.61	.57	.54	.53	.50	.48	.45	.44	.42	.39
5.0	.68	.62	.57	.64	.59	.55	.57	.53	.50	.50	.47	.45	.43	.41	.40	.37
6.0	.63	.57	.52	.60	.54	.50	.53	.49	.46	.47	.44	.42	.41	.39	.38	.35
7.0	.59	.53	.48	.56	.50	.46	.50	.46	.43	.44	.41	.39	.39	.37	.35	.33
8.0	.55	.49	.45	.52	.47	.43	.47	.43	.40	.42	.39	.37	.37	.35	.34	.32
9.0	.52	.46	.41	.49	.44	.40	.44	.40	.37	.40	.37	.35	.36	.33	.32	.30
10.0	.48	.43	.39	.46	.41	.37	.42	.38	.35	.38	.35	.33	.34	.32	.30	.29



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 1493*38*66			SERIAL No.:		
MFR.: A3362066-04			SUR.:1.485*0.03			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	.210	.120	.038	.188	.107	.034	.146	.084	.027	.107	.062	.020	.072	.042	.013	
2.0	.195	.107	.033	.175	.096	.030	.137	.076	.024	.102	.057	.018	.070	.040	.012	
3.0	.182	.097	.029	.164	.088	.026	.129	.070	.021	.097	.053	.016	.068	.037	.012	
4.0	.170	.089	.026	.154	.080	.024	.122	.065	.019	.093	.050	.015	.065	.035	.011	
5.0	.160	.081	.024	.145	.074	.022	.115	.060	.018	.088	.047	.014	.063	.034	.010	
6.0	.151	.075	.022	.136	.069	.020	.110	.056	.016	.084	.044	.013	.061	.032	.010	
7.0	.142	.070	.020	.129	.064	.018	.104	.053	.015	.081	.041	.012	.059	.031	.009	
8.0	.135	.066	.018	.122	.060	.017	.099	.050	.014	.077	.039	.011	.057	.029	.009	
9.0	.128	.062	.017	.116	.057	.016	.095	.047	.013	.074	.037	.011	.055	.028	.008	
10.0	.121	.058	.016	.111	.054	.015	.090	.044	.012	.071	.035	.010	.053	.027	.008	

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	.584	.584	.584	.499	.499	.499	.341	.341	.341	.196	.196	.196	.063	.063	.063	
1.0	.570	.554	.539	.488	.475	.464	.334	.327	.321	.192	.189	.187	.062	.061	.060	
2.0	.559	.532	.509	.479	.458	.440	.328	.317	.307	.189	.184	.180	.061	.060	.059	
3.0	.549	.515	.488	.471	.444	.423	.323	.309	.297	.187	.180	.175	.060	.059	.057	
4.0	.541	.502	.473	.464	.434	.411	.319	.303	.290	.185	.177	.171	.059	.058	.056	
5.0	.533	.492	.462	.458	.426	.402	.315	.298	.284	.183	.175	.168	.059	.057	.056	
6.0	.527	.484	.454	.453	.420	.395	.312	.294	.280	.181	.173	.166	.058	.056	.055	
7.0	.521	.478	.448	.448	.414	.390	.310	.290	.277	.180	.171	.165	.058	.056	.054	
8.0	.516	.472	.443	.444	.410	.386	.307	.288	.274	.179	.170	.163	.058	.056	.054	
9.0	.511	.468	.439	.440	.406	.383	.305	.285	.272	.178	.169	.162	.058	.055	.054	
10.0	.506	.464	.436	.436	.403	.380	.303	.284	.270	.177	.168	.161	.057	.055	.053	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.: 1493*38*66			SERIAL No.:				
MFR.: A3362066-04			SUR.:1.485*0.03			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	5.9	6.6	6.7	7.4	8.4	6.8	7.5	7.7	8.4	9.4
3H	5.5	6.2	6.4	7.0	8.1	6.5	7.2	7.4	8.0	9.1
4H	5.4	6.0	6.3	6.8	7.9	6.4	6.9	7.3	7.8	8.9
6H	5.2	5.7	6.1	6.6	7.8	6.2	6.7	7.1	7.6	8.8
8H	5.1	5.6	6.1	6.5	7.7	6.1	6.6	7.0	7.5	8.7
12H	5.0	5.5	6.0	6.4	7.6	6.0	6.5	7.0	7.4	8.6
4H 2H	5.4	6.0	6.3	6.8	7.9	6.4	6.9	7.3	7.8	8.9
3H	5.0	5.5	6.0	6.4	7.6	6.0	6.5	7.0	7.4	8.6
4H	4.8	5.3	5.8	6.2	7.4	5.8	6.3	6.8	7.2	8.4
6H	4.7	5.0	5.6	6.0	7.2	5.6	6.0	6.6	7.0	8.2
8H	4.6	4.9	5.6	5.9	7.1	5.5	5.9	6.5	6.9	8.1
12H	4.5	4.8	5.5	5.8	7.0	5.5	5.8	6.5	6.8	8.0
8H 4H	4.6	4.9	5.6	5.9	7.1	5.5	5.9	6.5	6.9	8.1
6H	4.4	4.6	5.4	5.6	6.9	5.4	5.6	6.4	6.6	7.9
8H	4.3	4.5	5.3	5.5	6.8	5.3	5.5	6.3	6.5	7.8
12H	4.2	4.4	5.2	5.4	6.7	5.1	5.4	6.2	6.4	7.7
12H 4H	4.5	4.8	5.5	5.8	7.0	5.4	5.8	6.5	6.8	8.0
6H	4.3	4.5	5.3	5.5	6.8	5.2	5.5	6.3	6.5	7.8
8H	4.2	4.4	5.2	5.4	6.7	5.1	5.4	6.2	6.4	7.7
Variations with the observer position at spacings:										
S = 1.0H	+ 4.9 / -19.5					+ 4.9 / -24.3				
1.5H	+ 7.7 / -19.3					+ 7.7 / -23.8				
2.0H	+ 2.3 / - 0.7					+ 7.2 / - 3.6				

CIE Pub.117, 7363 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.9$)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	Shielding Angle:

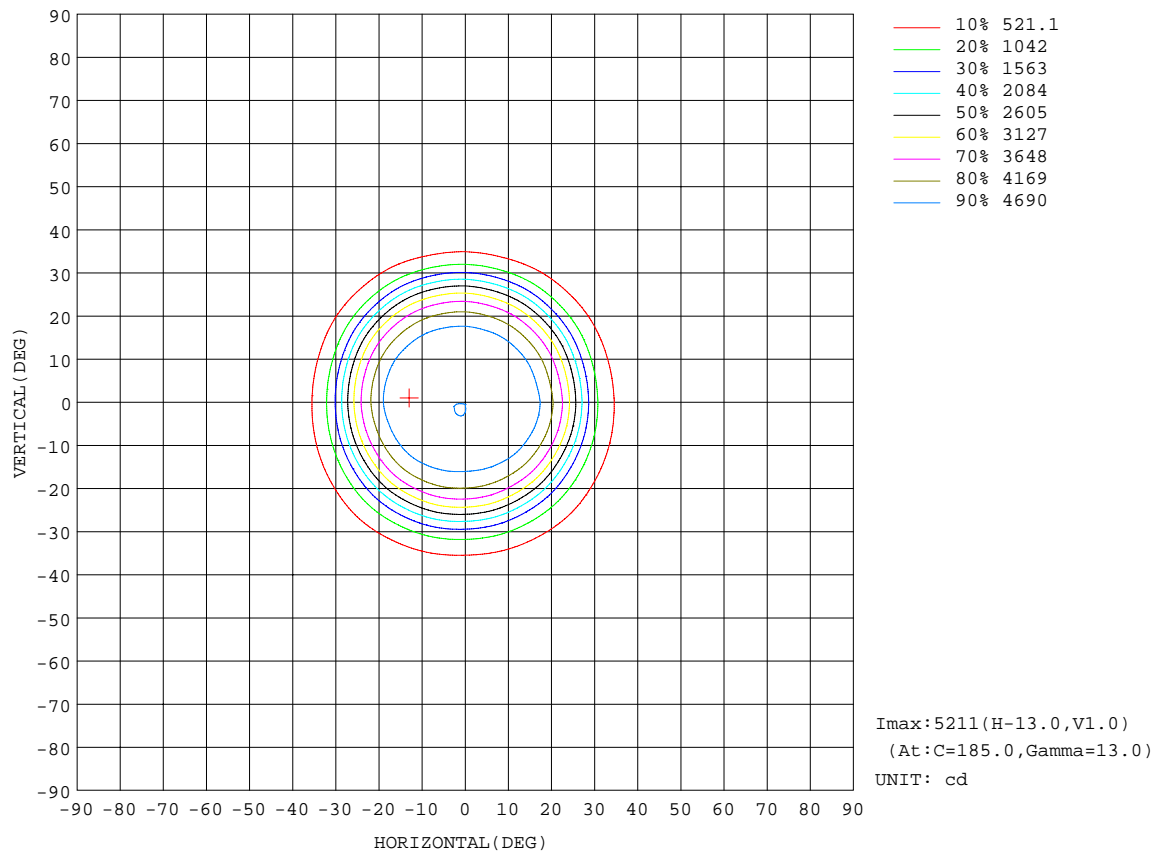
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	52	47	57	50	46	53	48	44	38
0.80	68	60	55	65	57	53	59	53	50	42
1.00	73	65	60	69	62	58	62	57	54	43
1.25	79	71	65	74	67	63	66	61	58	45
1.50	83	75	70	77	71	67	68	64	61	46
2.00	87	80	75	82	76	71	71	67	64	46
2.50	91	84	79	84	79	75	73	69	67	47
3.00	93	87	83	87	82	78	74	71	69	47
4.00	96	92	88	89	86	82	76	74	72	48
5.00	98	95	91	91	88	85	78	76	74	48
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:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	Shielding Angle:

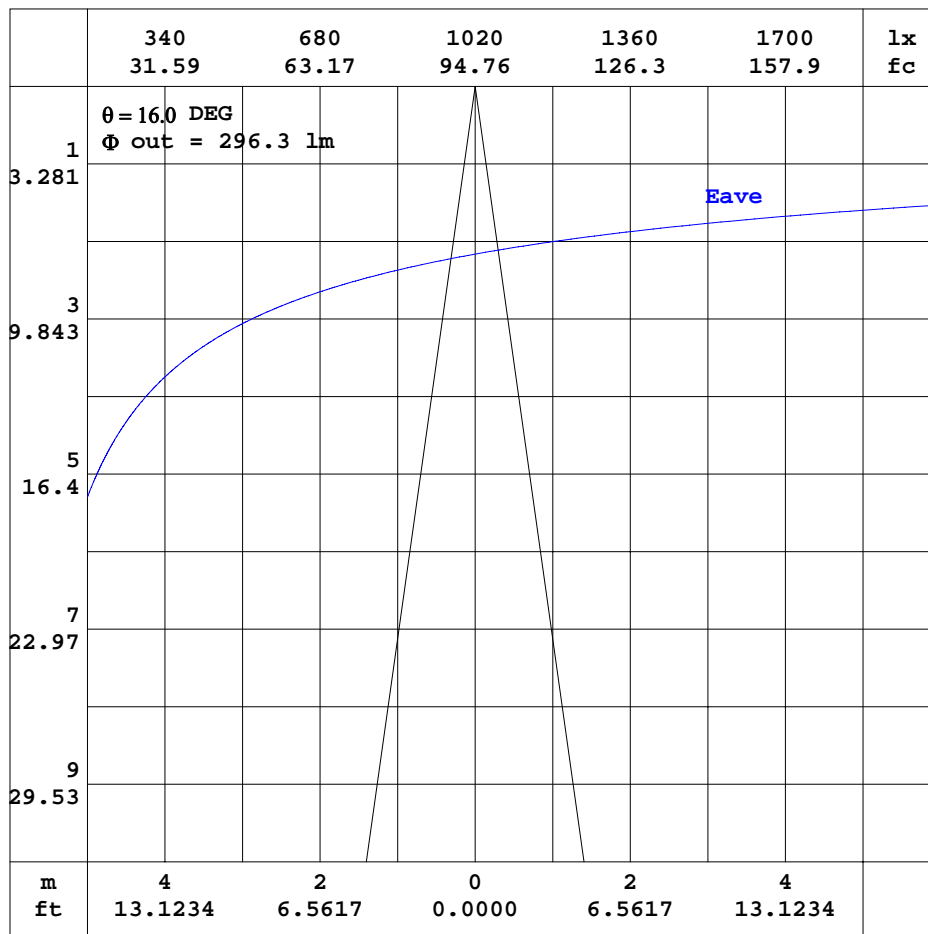


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	Shielding Angle:



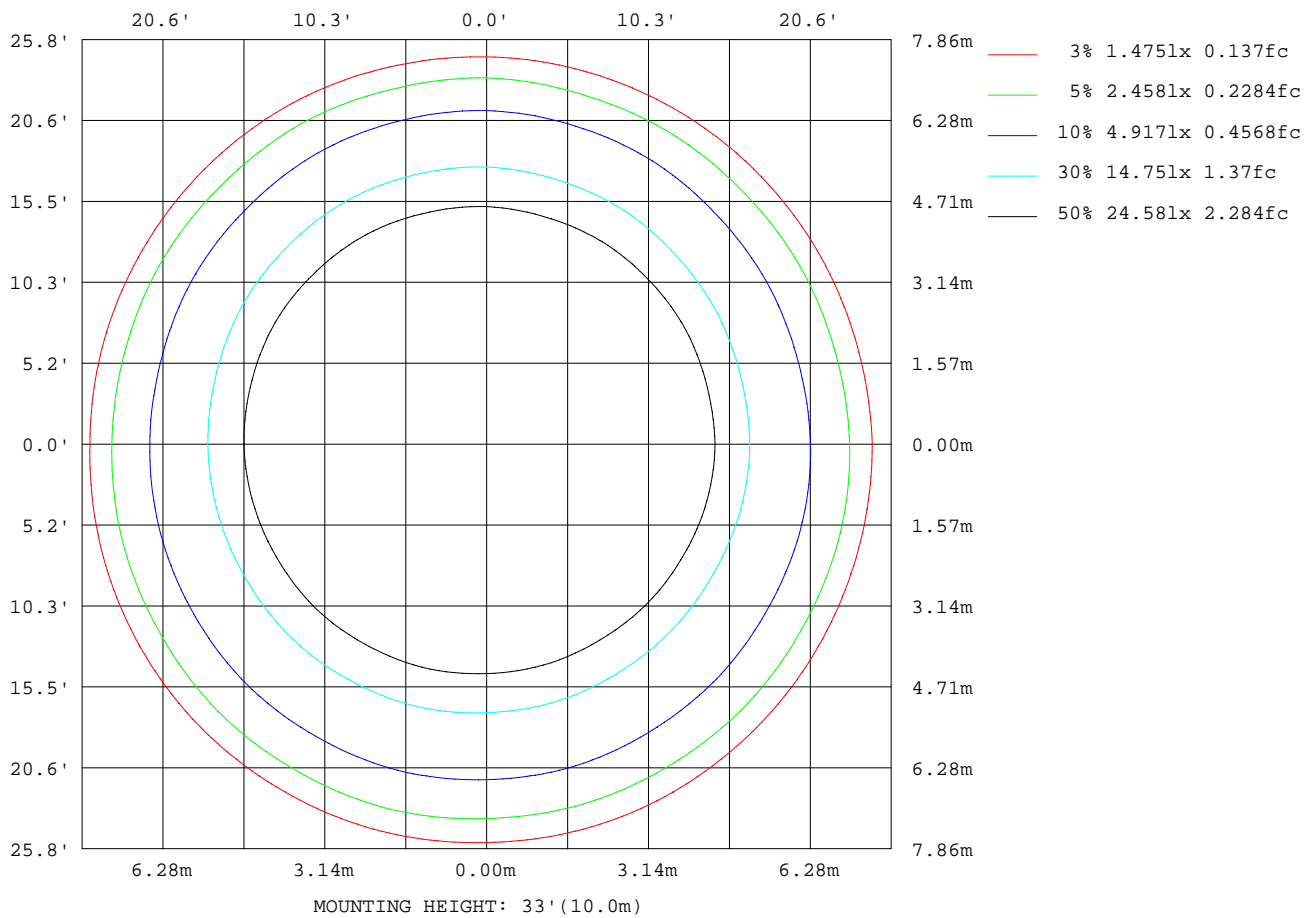
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 1493*38*66	SERIAL No.:
MFR.: A3362066-04	SUR.:1.485*0.03	Shielding Angle:

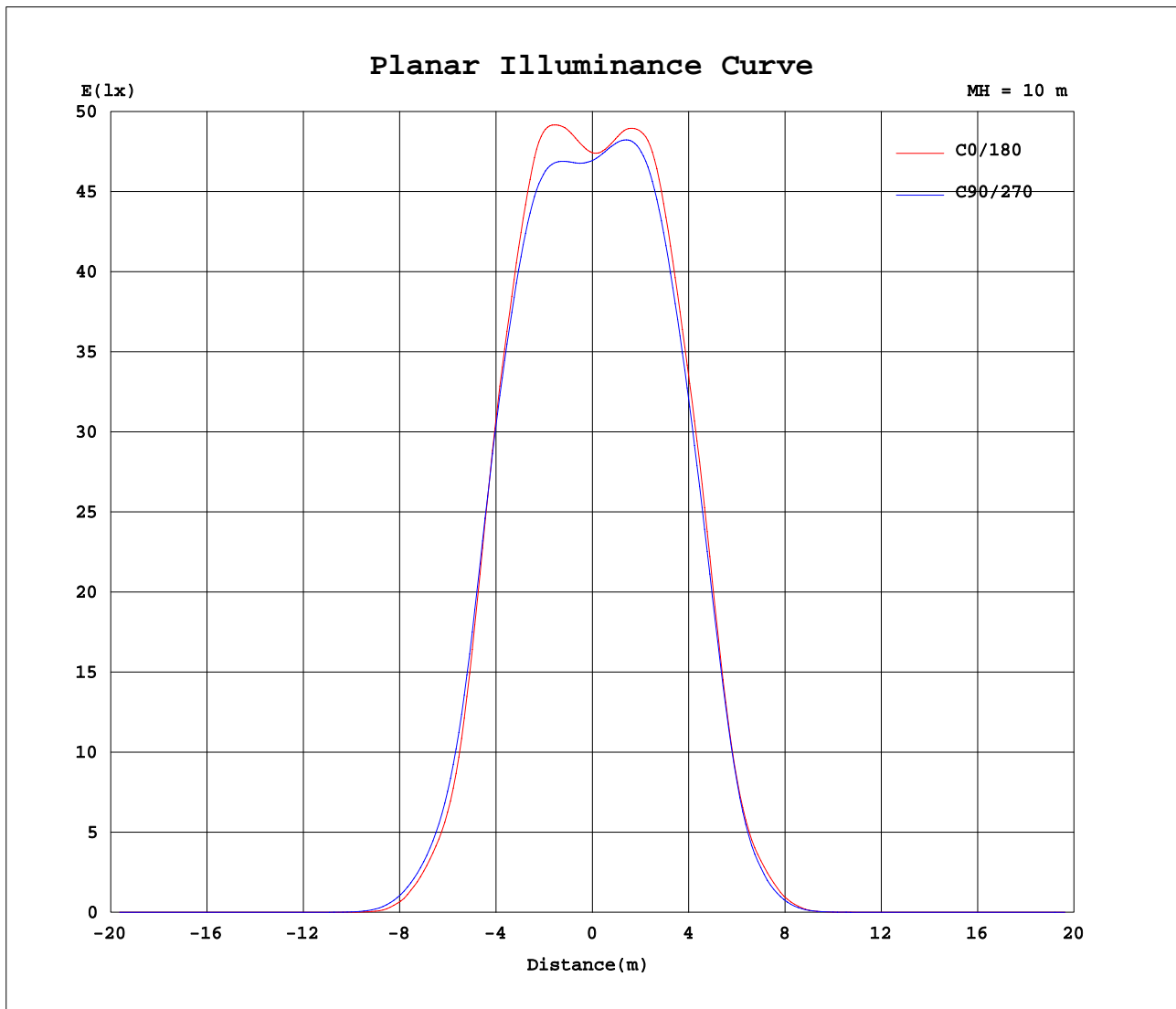
AvgL	cd/m2
L_0~180(65)av	17
L_0~180(75)av	27
L_0~180(85)av	108
L_90~270(65)av	15
L_90~270(75)av	22
L_90~270(85)av	58
L_45(65)av	16
L_45(75)av	23
L_45(85)av	79

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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: 2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1493*38*66						SERIAL No.:		
MFR.: A3362066-04									SUR.:1.485*0.03						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	4743	4738	4734	4730	4726	4723	4721	4718	4716	4713	4711	4709	4707	4705	4703	4701	4699	4696	4694
5	4920	4909	4899	4889	4880	4870	4860	4849	4837	4825	4814	4804	4793	4782	4770	4759	4751	4744	4738
10	5142	5129	5116	5102	5088	5073	5058	5040	5022	5004	4987	4970	4953	4936	4921	4907	4895	4886	4879
15	4993	4984	4972	4959	4942	4923	4906	4893	4880	4867	4850	4832	4816	4805	4796	4790	4782	4778	4778
20	4239	4230	4220	4208	4190	4173	4158	4150	4145	4141	4131	4122	4116	4119	4126	4134	4138	4143	4152
25	2839	2829	2817	2803	2783	2764	2752	2759	2772	2785	2785	2786	2792	2817	2846	2875	2891	2906	2924
30	1196	1198	1199	1201	1200	1201	1205	1218	1234	1251	1262	1274	1290	1317	1345	1373	1391	1407	1424
35	469	476	481	485	486	486	488	497	508	518	522	525	530	542	554	566	570	573	577
40	73.0	75.5	78.9	83.3	89.2	95.7	102	108	113	118	122	125	128	130	132	134	134	134	135
45	3.93	3.99	4.30	4.85	5.60	6.63	7.99	10.3	12.5	14.4	14.8	14.7	14.1	13.3	12.3	11.3	10.3	9.54	9.30
50	1.28	1.22	1.21	1.25	1.35	1.49	1.67	1.93	2.16	2.33	2.27	2.13	1.95	1.77	1.60	1.46	1.40	1.39	1.40
55	0.69	0.63	0.60	0.60	0.66	0.73	0.79	0.79	0.77	0.75	0.77	0.79	0.80	0.74	0.67	0.62	0.64	0.68	0.71
60	0.41	0.39	0.38	0.38	0.41	0.44	0.47	0.46	0.43	0.41	0.44	0.46	0.47	0.43	0.37	0.33	0.35	0.38	0.41
65	0.33	0.34	0.34	0.34	0.34	0.33	0.32	0.30	0.28	0.27	0.28	0.30	0.31	0.29	0.28	0.26	0.26	0.27	0.28
70	0.33	0.34	0.33	0.33	0.31	0.30	0.28	0.27	0.27	0.26	0.25	0.25	0.24	0.24	0.25	0.25	0.24	0.23	0.22
75	0.35	0.37	0.38	0.38	0.35	0.32	0.29	0.28	0.28	0.27	0.26	0.24	0.23	0.23	0.23	0.24	0.24	0.24	0.24
80	0.37	0.42	0.45	0.46	0.41	0.36	0.30	0.29	0.29	0.29	0.27	0.25	0.23	0.22	0.22	0.22	0.26	0.30	0.32
85	0.54	0.64	0.69	0.69	0.61	0.50	0.40	0.39	0.38	0.38	0.33	0.27	0.22	0.21	0.21	0.21	0.20	0.19	0.18
90	0.93	0.91	0.87	0.82	0.74	0.65	0.57	0.51	0.46	0.43	0.41	0.40	0.41	0.49	0.56	0.59	0.46	0.31	3.24
95	5.05	5.39	5.66	5.87	5.94	6.00	6.10	6.46	6.85	7.22	7.43	7.53	7.54	6.30	5.79	6.85	14.1	21.8	27.8
100	10.8	11.1	11.4	11.5	11.5	11.4	11.3	11.2	11.0	10.9	7.50	6.53	10.4	29.5	52.4	75.6	92.2	105	112
105	14.2	14.4	14.5	14.6	14.5	14.4	14.3	6.20	4.26	14.5	67.6	127	179	185	181	175	194	214	231
110	18.4	17.5	17.6	18.7	8.66	8.68	27.9	112	206	292	316	320	314	310	307	309	332	357	378
115	263	290	316	341	368	392	414	427	436	443	449	454	457	455	454	457	477	499	517
120	548	546	546	547	551	557	563	571	579	587	593	599	603	603	603	607	624	642	658
125	687	684	683	684	688	693	699	706	713	720	726	732	736	739	742	747	761	776	789
130	812	808	807	808	811	817	823	828	834	839	846	852	858	861	865	870	881	892	903
135	924	920	918	918	921	926	931	936	941	947	953	959	965	969	973	978	986	995	1002
140	1022	1017	1015	1015	1018	1022	1028	1033	1037	1042	1047	1053	1058	1062	1067	1071	1077	1084	1089
145	1110	1104	1101	1100	1103	1108	1113	1117	1121	1125	1129	1134	1139	1143	1147	1151	1156	1161	1165
150	1185	1179	1176	1174	1176	1180	1185	1188	1191	1195	1199	1203	1207	1211	1214	1218	1222	1225	1229
155	1249	1242	1238	1236	1237	1241	1245	1247	1250	1252	1256	1259	1263	1266	1270	1273	1276	1279	1282
160	1301	1294	1289	1287	1288	1290	1294	1296	1298	1300	1303	1306	1309	1312	1314	1317	1319	1322	1324
165	1343	1335	1329	1326	1327	1329	1332	1333	1335	1337	1339	1341	1343	1345	1347	1349	1351	1354	1355
170	1373	1365	1359	1356	1356	1358	1360	1361	1362	1364	1365	1367	1368	1370	1371	1373	1374	1376	1377
175	1394	1386	1379	1376	1375	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390
180	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1493*38*66					SERIAL No.:				
MFR.: A3362066-04									SUR.:1.485*0.03					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	4693	4691	4690	4688	4686	4685	4684	4683	4682	4680	4678	4676	4672	4671	4675	4698	4722	4743	4743
5	4732	4727	4724	4724	4725	4728	4730	4733	4737	4744	4751	4759	4763	4768	4779	4810	4842	4870	4876
10	4875	4874	4876	4883	4892	4903	4915	4928	4941	4957	4972	4987	4995	5006	5021	5056	5093	5124	5130
15	4785	4797	4811	4826	4843	4862	4885	4910	4935	4958	4979	4999	5016	5034	5054	5090	5124	5151	5153
20	4170	4192	4214	4231	4249	4268	4295	4322	4348	4365	4379	4392	4406	4422	4440	4469	4497	4520	4524
25	2956	2990	3023	3043	3062	3082	3117	3154	3188	3207	3224	3241	3267	3295	3323	3350	3375	3395	3403
30	1448	1473	1495	1506	1514	1522	1538	1554	1567	1566	1562	1559	1568	1581	1593	1602	1609	1615	1619
35	588	599	609	611	611	611	616	620	623	619	613	607	605	603	601	597	593	588	581
40	139	144	149	152	155	156	157	157	157	154	151	147	140	134	127	122	117	114	113
45	10.2	11.7	13.5	15.7	17.8	19.6	21.1	21.9	21.9	19.8	17.2	14.2	12.0	10.1	8.51	7.48	6.87	6.66	6.87
50	1.42	1.47	1.59	1.82	2.12	2.45	2.92	3.32	3.54	3.23	2.75	2.23	1.90	1.64	1.45	1.39	1.40	1.44	1.46
55	0.70	0.68	0.67	0.73	0.80	0.87	0.87	0.87	0.85	0.86	0.87	0.86	0.80	0.72	0.66	0.64	0.65	0.67	0.71
60	0.39	0.35	0.33	0.39	0.45	0.50	0.47	0.43	0.40	0.42	0.46	0.48	0.43	0.37	0.32	0.33	0.35	0.39	0.42
65	0.27	0.27	0.26	0.28	0.30	0.31	0.28	0.25	0.22	0.24	0.27	0.29	0.29	0.28	0.27	0.27	0.28	0.29	0.30
70	0.23	0.24	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.22	0.23	0.24	0.25	0.25	0.26	0.27	0.28	0.28	0.29
75	0.24	0.23	0.23	0.23	0.22	0.22	0.22	0.21	0.21	0.21	0.22	0.22	0.23	0.24	0.24	0.26	0.27	0.28	0.28
80	0.29	0.25	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.23	0.23	0.25	0.27	0.28	0.28
85	0.18	0.19	0.20	0.20	0.21	0.21	0.21	0.20	0.20	0.20	0.21	0.22	0.21	0.21	0.22	0.25	0.28	0.30	0.30
90	0.19	0.24	0.29	0.27	0.23	0.20	0.19	0.19	3.92	0.20	0.21	3.94	3.95	3.79	3.99	3.83	4.01	4.11	3.78
95	25.6	21.0	15.6	12.4	9.91	8.17	7.95	8.33	8.99	9.17	9.32	9.46	9.60	9.73	9.83	9.90	9.92	9.88	9.68
100	112	106	97.7	89.0	78.2	65.1	46.0	27.3	11.8	8.66	9.54	12.4	12.6	12.7	12.8	12.9	13.0	12.9	12.8
105	226	217	210	224	238	249	244	229	200	138	73.4	17.2	5.62	7.51	16.2	16.2	16.3	16.3	16.2
110	374	365	356	363	374	386	396	403	408	415	413	398	349	291	232	185	151	132	147
115	515	510	504	511	520	531	540	548	554	556	555	554	553	553	552	552	552	551	547
120	658	655	652	658	666	675	682	688	692	693	693	692	692	691	690	691	691	690	685
125	791	790	789	793	798	804	809	813	816	818	819	819	818	817	816	817	816	815	809
130	905	906	907	911	915	920	923	926	928	930	930	930	930	929	928	929	928	927	921
135	1006	1008	1010	1013	1017	1020	1023	1026	1028	1029	1029	1029	1029	1027	1026	1026	1026	1024	1018
140	1093	1096	1099	1102	1105	1108	1110	1112	1114	1115	1116	1117	1116	1115	1113	1114	1113	1111	1105
145	1169	1172	1175	1178	1180	1183	1185	1186	1188	1189	1190	1190	1190	1189	1188	1189	1188	1187	1180
150	1232	1235	1238	1241	1244	1246	1247	1248	1249	1250	1252	1252	1252	1252	1251	1252	1252	1250	1243
155	1285	1288	1290	1293	1295	1297	1299	1299	1300	1301	1302	1303	1303	1303	1303	1304	1304	1302	1296
160	1326	1328	1330	1333	1335	1337	1338	1339	1340	1341	1342	1343	1343	1343	1343	1344	1345	1344	1337
165	1357	1359	1360	1362	1365	1366	1368	1369	1370	1371	1372	1373	1373	1373	1374	1375	1375	1374	1368
170	1378	1380	1381	1383	1385	1386	1387	1388	1390	1391	1392	1393	1393	1394	1394	1395	1396	1395	1388
175	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1402	1403	1404	1405	1406	1406	1399
180	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.: 1493*38*66					SERIAL No.:				
MFR.: A3362066-04									SUR.:1.485*0.03					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	4738	4730	4726	4723	4721	4718	4716	4713	4711	4709	4707	4705	4703	4701	4699	4696	4694	4693	4691
5	4873	4867	4865	4861	4858	4857	4855	4854	4851	4848	4846	4845	4846	4846	4846	4846	4847	4850	4853
10	5127	5120	5116	5110	5104	5097	5090	5082	5072	5062	5053	5046	5039	5034	5030	5028	5027	5029	5033
15	5146	5134	5127	5118	5108	5093	5076	5058	5043	5028	5012	4995	4978	4964	4954	4946	4939	4932	4927
20	4522	4518	4521	4522	4520	4507	4491	4474	4463	4452	4440	4418	4396	4374	4361	4350	4338	4320	4302
25	3407	3411	3422	3432	3436	3424	3406	3386	3378	3368	3355	3328	3298	3268	3251	3234	3214	3179	3141
30	1623	1630	1647	1664	1679	1678	1675	1672	1682	1691	1696	1681	1660	1638	1624	1608	1589	1554	1517
35	574	569	571	574	576	566	555	545	547	551	553	540	526	513	511	511	508	494	478
40	112	113	117	120	123	122	119	117	116	115	114	108	101	95.3	92.1	89.8	88.0	85.1	82.9
45	7.43	8.32	9.63	11.1	12.5	13.7	14.7	15.1	14.6	13.7	12.4	10.8	9.11	7.63	6.83	6.35	6.14	6.10	6.28
50	1.51	1.60	1.76	1.96	2.18	2.47	2.73	2.88	2.70	2.43	2.11	1.90	1.71	1.56	1.45	1.38	1.35	1.38	1.43
55	0.76	0.80	0.80	0.80	0.81	0.88	0.95	1.00	0.95	0.88	0.81	0.79	0.78	0.77	0.72	0.68	0.64	0.67	0.71
60	0.44	0.46	0.45	0.43	0.42	0.46	0.51	0.54	0.51	0.47	0.43	0.44	0.46	0.46	0.42	0.38	0.34	0.38	0.42
65	0.32	0.33	0.31	0.30	0.29	0.31	0.34	0.35	0.33	0.30	0.27	0.28	0.30	0.31	0.30	0.28	0.27	0.29	0.30
70	0.29	0.29	0.28	0.28	0.27	0.27	0.27	0.28	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.27	0.26	0.27	0.27
75	0.28	0.27	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.26
80	0.28	0.27	0.27	0.28	0.28	0.27	0.27	0.26	0.26	0.26	0.27	0.27	0.26	0.26	0.26	0.26	0.25	0.25	0.25
85	0.29	0.27	0.28	0.28	0.28	0.28	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.26	0.26
90	3.42	3.39	0.28	0.28	3.56	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.31	0.32	0.31	0.31	0.32	0.35	0.38
95	9.44	9.19	9.04	8.90	8.75	8.54	8.30	8.05	7.73	7.45	7.27	7.10	7.25	7.90	10.5	13.0	14.5	12.1	8.85
100	12.5	12.3	12.2	12.0	11.8	10.3	9.79	11.2	17.6	26.3	37.1	50.9	64.4	75.7	80.3	81.3	79.0	73.9	66.0
105	16.1	16.0	9.04	7.44	16.6	60.4	112	161	190	208	216	207	193	179	182	188	191	177	161
110	178	221	274	327	371	381	379	371	366	360	352	338	326	317	323	330	334	315	293
115	543	538	532	526	521	519	517	514	507	499	490	478	468	460	464	468	469	453	434
120	679	672	666	661	657	655	654	651	643	634	625	616	609	603	604	605	603	590	576
125	803	796	790	786	782	780	777	774	767	759	752	745	740	735	734	734	731	721	709
130	914	907	902	898	894	892	889	886	880	873	867	862	857	854	851	849	845	837	829
135	1011	1003	999	996	993	991	989	986	981	975	969	966	962	959	956	952	948	942	936
140	1097	1090	1086	1083	1081	1079	1076	1074	1069	1064	1060	1057	1054	1051	1047	1043	1039	1035	1031
145	1172	1164	1161	1158	1157	1154	1152	1150	1146	1142	1138	1136	1133	1130	1127	1123	1119	1116	1114
150	1235	1227	1224	1222	1221	1219	1217	1215	1212	1209	1206	1203	1201	1198	1195	1192	1189	1187	1185
155	1288	1280	1277	1275	1274	1273	1271	1269	1267	1264	1262	1260	1258	1256	1253	1250	1248	1247	1245
160	1329	1321	1319	1318	1317	1316	1314	1313	1311	1309	1307	1306	1304	1302	1300	1298	1297	1296	1295
165	1360	1353	1350	1349	1349	1348	1347	1346	1345	1343	1341	1340	1339	1338	1337	1336	1335	1334	1334
170	1381	1374	1372	1371	1371	1371	1370	1369	1368	1367	1366	1365	1365	1364	1363	1363	1363	1362	1363
175	1391	1385	1383	1383	1384	1384	1383	1383	1383	1382	1382	1381	1381	1381	1381	1381	1381	1381	1382
180	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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:229.77V I:0.2541A P:57.192W PF:0.9764 Freq:49.99Hz Lamp Flux:7362.84x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 1493*38*66						SERIAL No.:		
MFR.: A3362066-04									SUR.:1.485*0.03						Shielding Angle:		

Table--4

UNIT: cd

C(DEC) γ (DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	4690	4688	4686	4685	4684	4683	4682	4680	4678	4676	4672	4671	4675	4690	4713				
5	4857	4859	4860	4862	4865	4868	4870	4870	4868	4867	4863	4861	4864	4876	4895				
10	5037	5042	5048	5054	5061	5067	5072	5076	5079	5081	5079	5082	5096	5116					
15	4923	4925	4928	4932	4932	4932	4932	4935	4939	4941	4934	4929	4929	4942	4963				
20	4286	4279	4273	4267	4253	4238	4226	4222	4220	4218	4205	4194	4187	4195	4212				
25	3105	3086	3069	3050	3018	2985	2954	2937	2923	2909	2880	2851	2828	2821	2825				
30	1479	1453	1428	1402	1364	1325	1291	1271	1256	1243	1221	1201	1186	1182	1185				
35	463	457	454	451	446	441	438	438	440	442	442	443	445	451	458				
40	81.7	83.8	86.5	88.8	87.8	86.1	84.3	84.3	84.4	84.1	81.7	78.9	76.1	74.6	73.5				
45	6.67	7.46	8.31	9.07	9.45	9.58	9.42	8.77	7.91	6.96	6.08	5.28	4.60	4.19	3.96				
50	1.50	1.60	1.70	1.81	1.94	2.04	2.09	1.97	1.81	1.63	1.52	1.43	1.37	1.32	1.29				
55	0.75	0.75	0.75	0.76	0.80	0.85	0.88	0.84	0.79	0.74	0.73	0.74	0.74	0.73	0.71				
60	0.46	0.45	0.42	0.40	0.44	0.48	0.52	0.49	0.45	0.41	0.42	0.44	0.46	0.45	0.44				
65	0.32	0.31	0.30	0.30	0.32	0.34	0.36	0.36	0.36	0.35	0.36	0.36	0.36	0.36	0.35				
70	0.28	0.28	0.28	0.28	0.29	0.30	0.32	0.32	0.33	0.34	0.35	0.37	0.37	0.37	0.36				
75	0.27	0.27	0.27	0.28	0.30	0.32	0.33	0.34	0.34	0.34	0.36	0.37	0.38	0.38	0.37				
80	0.26	0.27	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.40	0.40	0.40	0.39	0.39	0.38				
85	0.26	0.28	0.30	0.33	0.35	0.37	0.39	0.44	0.49	0.52	0.53	0.54	0.53	0.54	0.54				
90	0.41	0.42	0.43	0.44	0.47	0.51	0.56	0.60	0.64	0.69	0.76	0.84	0.90	0.93	0.94				
95	5.75	5.47	5.86	6.53	6.56	6.49	6.32	6.01	5.68	5.36	5.22	5.14	5.10	5.06	5.05				
100	55.5	39.3	23.2	9.76	7.03	7.71	10.1	10.2	10.4	10.5	10.6	10.7	10.7	10.7	10.8				
105	146	152	156	151	107	58.5	14.4	5.79	7.32	13.9	14.0	14.1	14.2	14.2	14.2				
110	273	274	278	283	288	282	260	185	102	28.3	11.0	10.6	19.0	17.9	17.7				
115	417	417	420	423	419	414	408	405	400	394	382	367	348	324	296				
120	563	560	559	560	559	557	554	549	544	540	541	543	545	547	548				
125	698	694	693	692	691	690	688	684	680	677	677	679	682	684	685				
130	821	818	815	814	812	810	809	806	803	801	802	804	807	808	810				
135	931	928	925	923	921	920	919	916	914	912	914	916	919	921	923				
140	1027	1024	1021	1019	1018	1018	1017	1015	1013	1012	1013	1015	1017	1019	1020				
145	1111	1108	1106	1104	1103	1103	1103	1102	1101	1100	1101	1102	1104	1106	1108				
150	1183	1181	1179	1177	1177	1177	1177	1176	1176	1176	1177	1178	1180	1182	1184				
155	1244	1243	1241	1240	1240	1240	1240	1240	1239	1240	1241	1242	1244	1246	1247				
160	1295	1294	1293	1292	1292	1292	1292	1292	1292	1293	1294	1295	1297	1298	1300				
165	1334	1333	1333	1333	1333	1333	1334	1334	1334	1335	1336	1337	1338	1340	1341				
170	1363	1363	1362	1362	1363	1364	1364	1365	1365	1366	1367	1368	1369	1371	1372				
175	1382	1382	1383	1383	1384	1384	1385	1386	1386	1387	1388	1389	1390	1392	1393				
180	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405	1405				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2022-04-06

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: