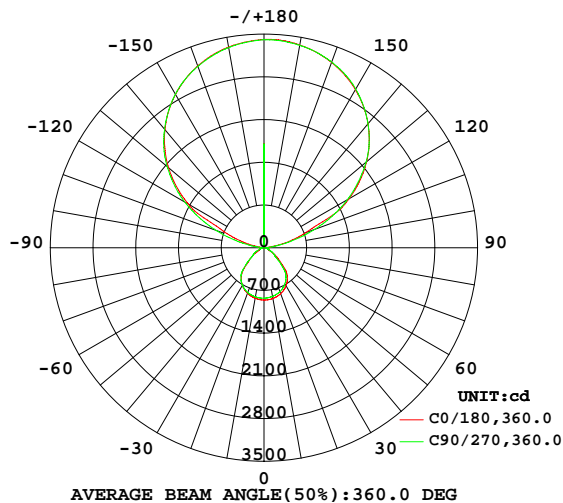


LUMINAIRE PHOTOMETRIC TEST REPORT

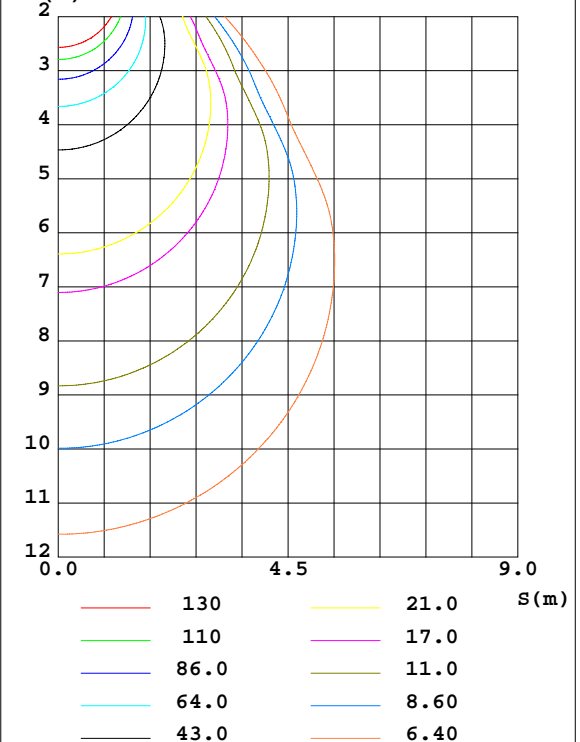
Test:U:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.64 lm/W			
MODEL		I _{max} (cd)	3416	S/MH(C0/180)	1.23
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	11330	η UP,DN(C0-180)	42.7,7.8
NOMINAL FLUX(lm)	11330.2	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	41.4,8.1
LAMPS INSIDE	1	η up(%)	84.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.0	η down(%)	15.9	CIBSE SHR MAX	1.35

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:2024-04-17

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:

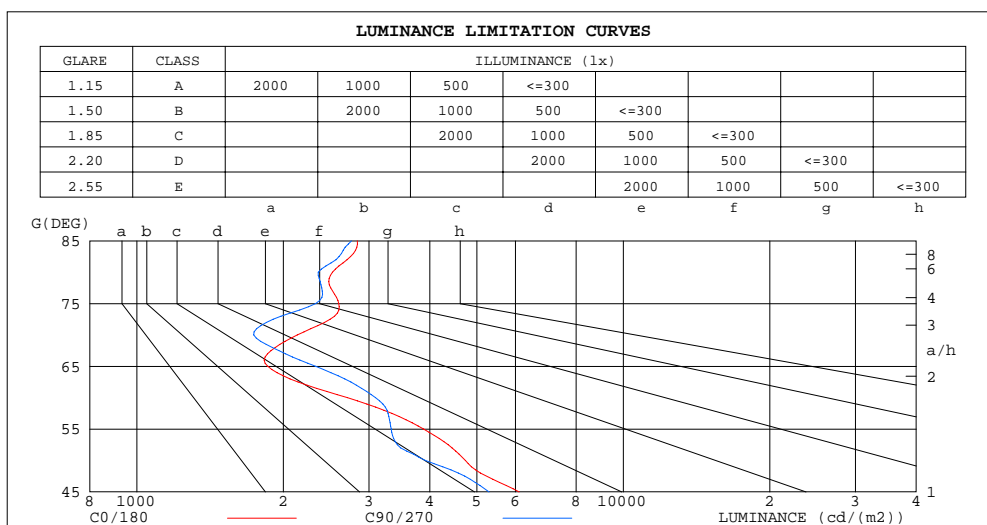
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	844.4	822.2	809.7	803.6	840.5	823.8	817.5	811.4	0- 10	78.72	78.72	0.69,0.69
20	801.4	779.0	766.2	757.8	793.7	781.7	781.2	772.9	10- 20	225.8	304.6	2.69,2.69
30	722.9	700.5	686.5	677.5	710.6	703.5	709.7	700.6	20- 30	341.5	646.0	5.7,5.7
40	592.5	568.9	551.9	544.6	573.9	570.9	586.9	578.2	30- 40	399.5	1046	9.23,9.23
50	335.8	310.7	277.9	300.5	316.6	309.7	325.7	327.9	40- 50	338.1	1384	12.2,12.2
60	149.6	171.9	170.8	157.9	131.7	173.0	188.4	179.4	50- 60	206.5	1590	14,14
70	80.71	93.21	65.66	89.10	81.79	93.88	74.63	98.68	60- 70	114.3	1704	15,15
80	48.38	39.60	45.22	39.30	45.08	41.25	52.15	41.97	70- 80	68.84	1773	15.7,15.7
90	2.294	1.246	0.6873	0.6959	1.117	1.727	3.986	3.540	80- 90	26.63	1800	15.9,15.9
100	179.4	216.7	243.0	151.4	104.5	144.5	230.1	203.2	90-100	61.10	1861	16.4,16.4
110	736.3	925.4	884.1	777.3	594.0	758.3	835.2	887.1	100-110	471.3	2332	20.6,20.6
120	1610	1624	1579	1503	1432	1442	1497	1570	110-120	1130	3463	30.6,30.6
130	2194	2206	2185	2103	2042	2024	2071	2142	120-130	1630	5093	44.9,44.9
140	2652	2665	2652	2582	2527	2503	2535	2598	130-140	1823	6915	61,61
150	2995	3010	3005	2947	2901	2879	2905	2951	140-150	1740	8655	76.4,76.4
160	3234	3245	3240	3205	3172	3153	3165	3203	150-160	1424	10079	89,89
170	3375	3375	3369	3356	3340	3325	3332	3356	160-170	929.0	11008	97.2,97.2
180	3413	3413	3413	3413	3413	3413	3413	3413	170-180	322.6	11330	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:2024-04-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ 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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2838	2762
80	2524	2359
75	2601	2330
70	2137	1739
65	1858	2332
60	2710	3095
55	3886	3332
50	4733	3916
45	6108	5295

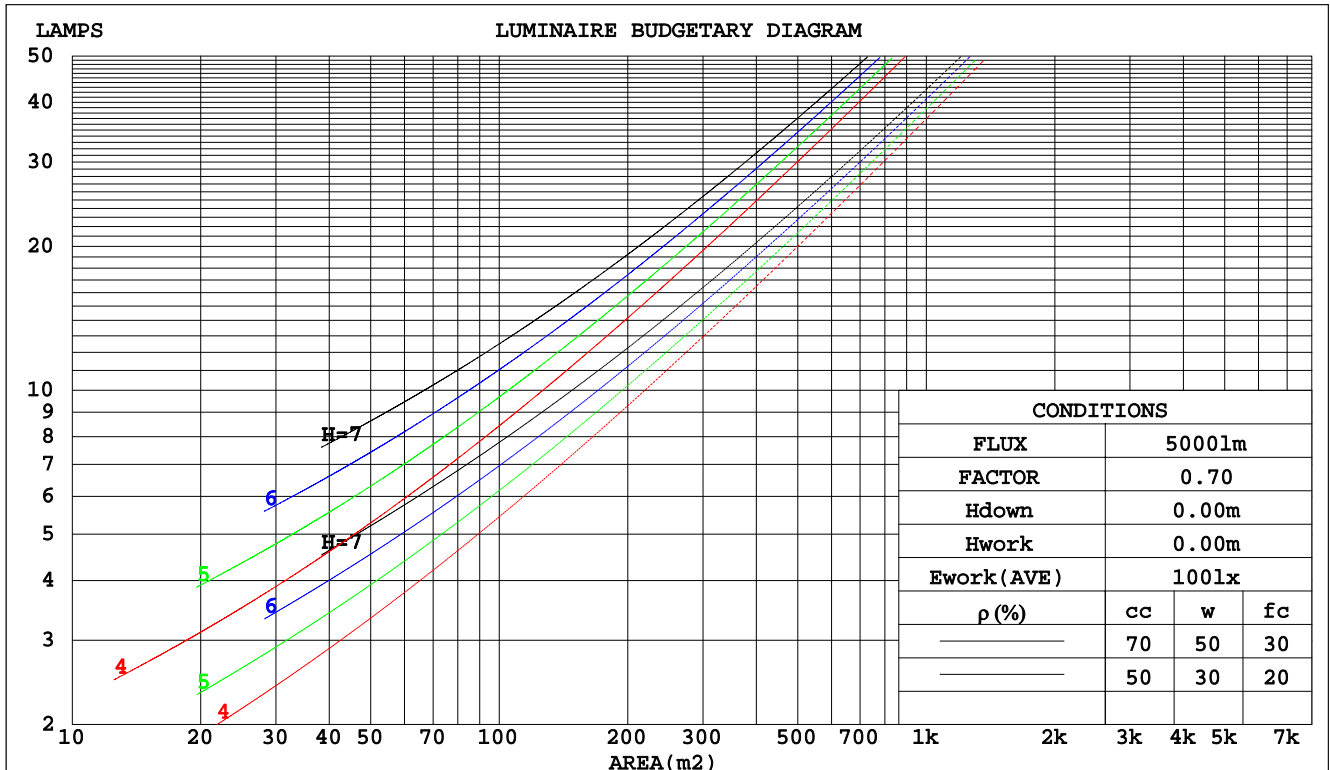
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	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	.99	.99	.99	.87	.87	.87	.64	.64	.64	.44	.44	.44	.25	.25	.25	.16
1.0	.86	.83	.80	.76	.73	.70	.57	.55	.53	.39	.38	.37	.22	.22	.21	.14
2.0	.76	.70	.65	.67	.62	.58	.50	.47	.44	.34	.32	.31	.20	.19	.18	.12
3.0	.67	.60	.54	.59	.53	.49	.44	.40	.37	.30	.28	.26	.18	.17	.16	.10
4.0	.59	.52	.46	.52	.46	.41	.39	.35	.32	.27	.25	.23	.16	.15	.14	.09
5.0	.52	.45	.39	.46	.40	.35	.35	.31	.27	.24	.22	.20	.14	.13	.12	.08
6.0	.47	.39	.34	.42	.35	.31	.31	.27	.24	.22	.19	.17	.13	.12	.11	.07
7.0	.42	.35	.30	.37	.31	.27	.28	.24	.21	.20	.17	.15	.12	.11	.10	.06
8.0	.38	.31	.26	.34	.28	.23	.26	.21	.18	.18	.15	.13	.11	.10	.09	.06
9.0	.35	.28	.23	.31	.25	.21	.23	.19	.16	.17	.14	.12	.10	.09	.08	.05
10.0	.32	.25	.20	.28	.22	.18	.22	.17	.15	.15	.13	.11	.09	.08	.07	.05



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm								
NAME:			TYPE:			WEIGHT:		
SPEC.:			DIM.: 610*280*42			SERIAL No.:		
MFR.:			SUR.:0.6*0.184			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	.259	.147	.047	.226	.129	.041	.166	.095	.030	.110	.063	.020	.059	.034	.011	
2.0	.239	.131	.040	.209	.115	.036	.154	.086	.027	.103	.058	.018	.056	.031	.010	
3.0	.221	.118	.035	.194	.104	.031	.143	.078	.024	.096	.053	.016	.052	.029	.009	
4.0	.205	.107	.031	.180	.094	.028	.133	.071	.021	.090	.048	.015	.049	.027	.008	
5.0	.191	.097	.028	.168	.086	.025	.124	.065	.019	.084	.044	.013	.046	.025	.007	
6.0	.178	.089	.026	.157	.079	.023	.116	.060	.017	.079	.041	.012	.043	.023	.007	
7.0	.167	.082	.023	.147	.073	.021	.109	.055	.016	.074	.038	.011	.041	.021	.006	
8.0	.156	.076	.021	.138	.068	.019	.103	.051	.015	.070	.035	.010	.039	.020	.006	
9.0	.147	.071	.020	.130	.063	.018	.097	.048	.014	.066	.033	.009	.037	.019	.005	
10.0	.139	.066	.018	.123	.059	.017	.092	.045	.013	.062	.031	.009	.035	.018	.005	

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	.831	.831	.831	.711	.711	.711	.485	.485	.485	.279	.279	.279	.089	.089	.089	
1.0	.823	.803	.785	.704	.689	.675	.482	.474	.467	.277	.274	.272	.089	.088	.088	
2.0	.816	.783	.755	.699	.674	.653	.479	.466	.455	.276	.271	.267	.089	.088	.087	
3.0	.809	.768	.735	.694	.662	.637	.476	.460	.447	.275	.269	.264	.088	.087	.086	
4.0	.803	.757	.722	.689	.654	.627	.474	.456	.442	.274	.267	.261	.088	.087	.086	
5.0	.797	.748	.712	.684	.647	.620	.471	.452	.438	.273	.266	.260	.088	.087	.086	
6.0	.791	.741	.705	.680	.642	.614	.469	.449	.435	.272	.264	.258	.088	.086	.085	
7.0	.786	.736	.700	.676	.638	.610	.467	.447	.432	.271	.263	.257	.088	.086	.085	
8.0	.781	.731	.697	.672	.634	.607	.465	.445	.431	.271	.263	.257	.088	.086	.085	
9.0	.776	.727	.694	.669	.631	.605	.463	.443	.430	.270	.262	.256	.087	.086	.085	
10.0	.772	.723	.691	.665	.628	.603	.461	.442	.429	.269	.261	.256	.087	.086	.085	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm											
NAME:			TYPE:			WEIGHT:					
SPEC.:			DIM.: 610*280*42			SERIAL No.:					
MFR.:			SUR.:0.6*0.184			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		9.0	9.7	10.1	10.8	12.4	9.0	9.7	10.2	10.9	12.5
3H		9.5	10.1	10.7	11.2	12.9	9.5	10.1	10.7	11.3	12.9
4H		9.8	10.4	11.0	11.5	13.2	9.8	10.3	10.9	11.5	13.1
6H		10.0	10.6	11.2	11.7	13.4	10.0	10.5	11.2	11.7	13.3
8H		10.2	10.7	11.4	11.8	13.5	10.1	10.6	11.3	11.8	13.4
12H		10.3	10.8	11.5	11.9	13.6	10.2	10.7	11.4	11.9	13.5
4H 2H		8.9	9.5	10.1	10.6	12.3	8.9	9.5	10.1	10.7	12.3
3H		9.5	10.0	10.7	11.2	12.8	9.6	10.1	10.8	11.3	12.9
4H		10.0	10.4	11.2	11.6	13.3	10.0	10.5	11.2	11.6	13.3
6H		10.3	10.7	11.6	11.9	13.6	10.4	10.7	11.6	11.9	13.6
8H		10.6	10.9	11.8	12.1	13.8	10.6	10.9	11.8	12.1	13.8
12H		10.7	11.1	12.0	12.3	14.0	10.8	11.1	12.0	12.3	14.0
8H 4H		10.0	10.3	11.2	11.5	13.2	10.0	10.3	11.2	11.5	13.2
6H		10.5	10.8	11.7	12.0	13.7	10.5	10.8	11.8	12.0	13.7
8H		10.8	11.0	12.0	12.2	14.0	10.8	11.1	12.1	12.3	14.0
12H		11.1	11.3	12.3	12.5	14.3	11.1	11.3	12.4	12.6	14.3
12H 4H		9.9	10.2	11.1	11.4	13.1	10.0	10.3	11.2	11.5	13.2
6H		10.5	10.7	11.7	11.9	13.7	10.5	10.7	11.7	12.0	13.7
8H		10.8	11.0	12.1	12.3	14.0	10.9	11.1	12.1	12.3	14.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.6					+ 0.6 / - 0.7				
1.5H		+ 0.3 / - 0.5					+ 0.2 / - 0.7				
2.0H		+ 1.2 / - 0.8					+ 0.9 / - 1.5				

CIE Pub.117, 11330 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 8.4$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

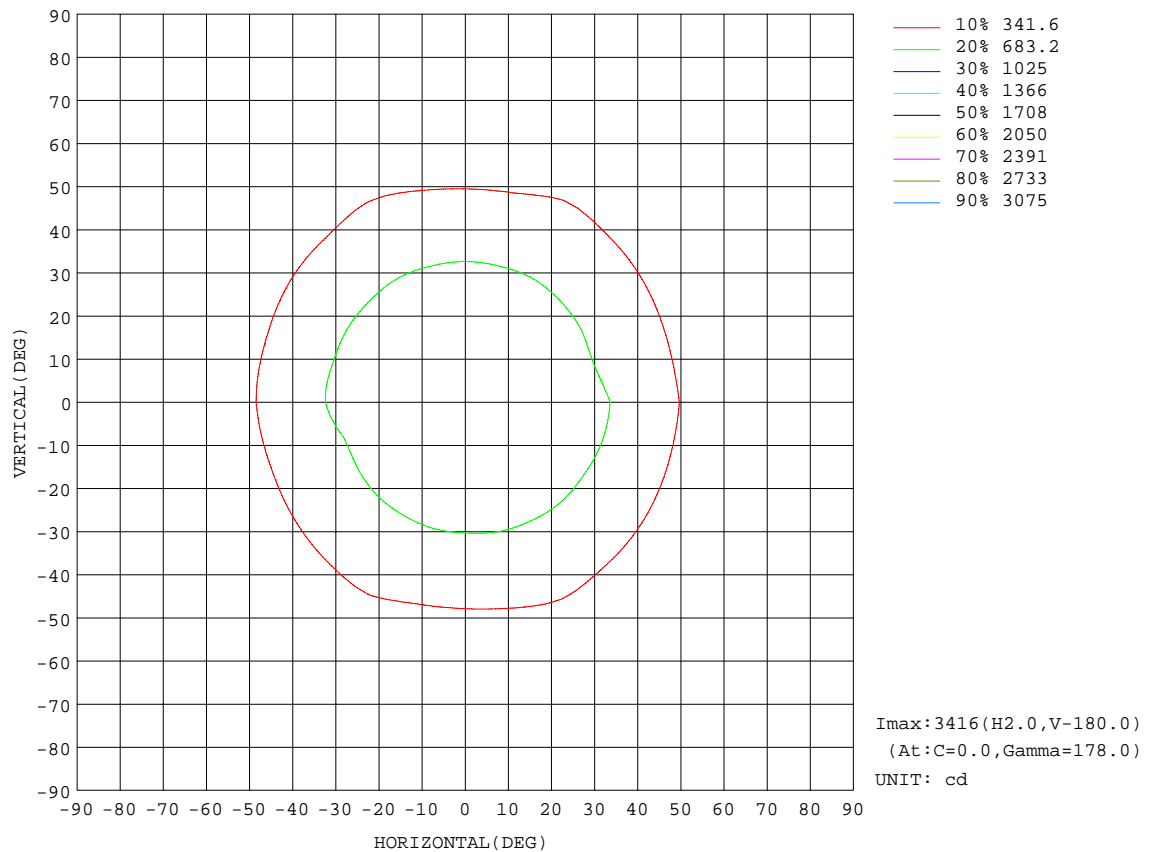
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	36	26	20	32	23	18	25	19	15	7
0.80	45	34	27	40	31	25	31	25	20	8
1.00	52	41	34	46	37	31	36	29	25	10
1.25	59	48	41	52	43	37	40	34	29	11
1.50	64	54	46	57	48	42	43	37	33	11
2.00	71	62	55	63	55	49	47	42	38	12
2.50	76	67	61	67	60	54	50	46	42	13
3.00	79	72	65	70	63	58	52	48	45	13
4.00	84	77	72	74	68	64	55	52	49	14
5.00	87	81	76	76	72	68	57	54	51	14
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:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

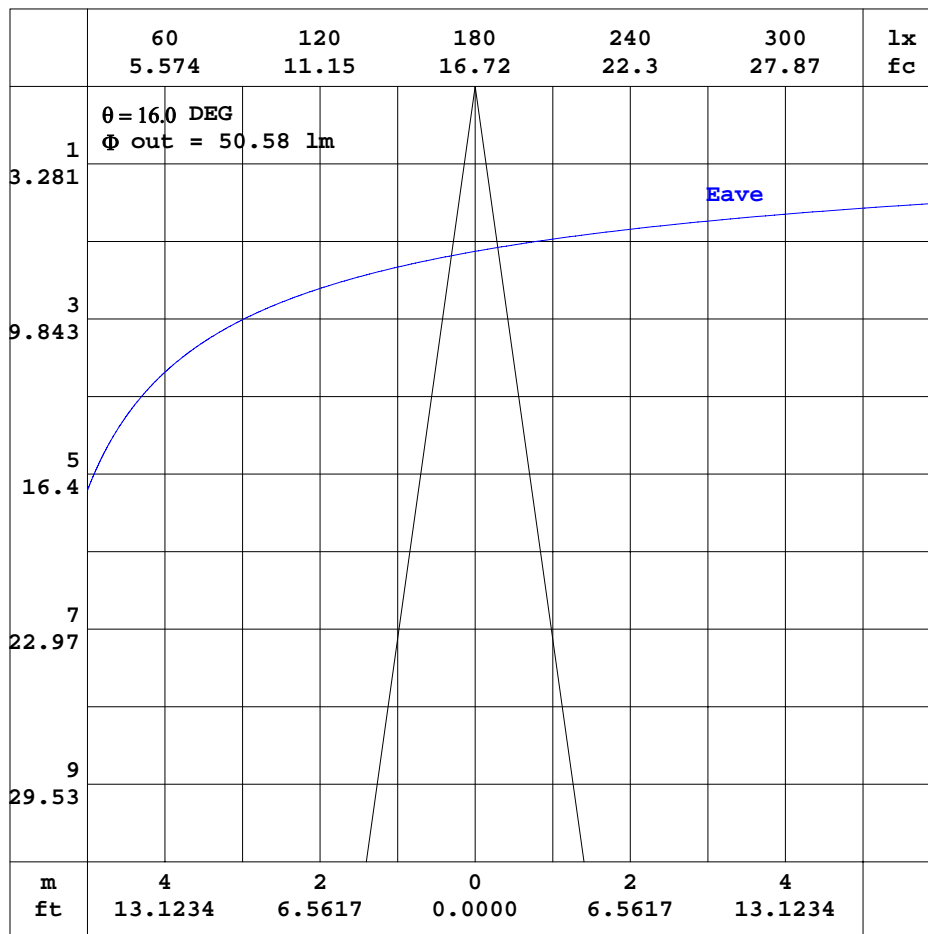


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:



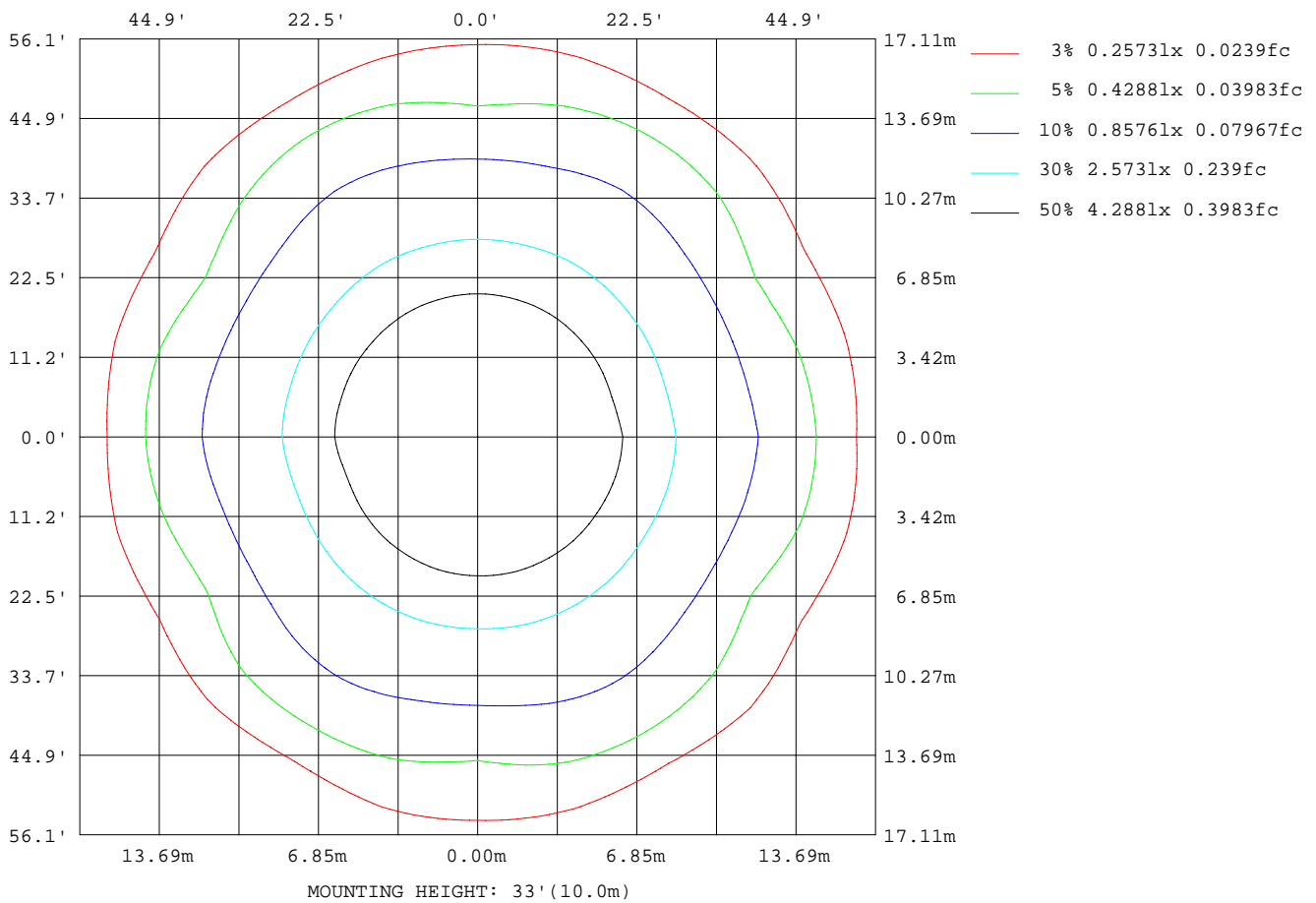
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	Shielding Angle:

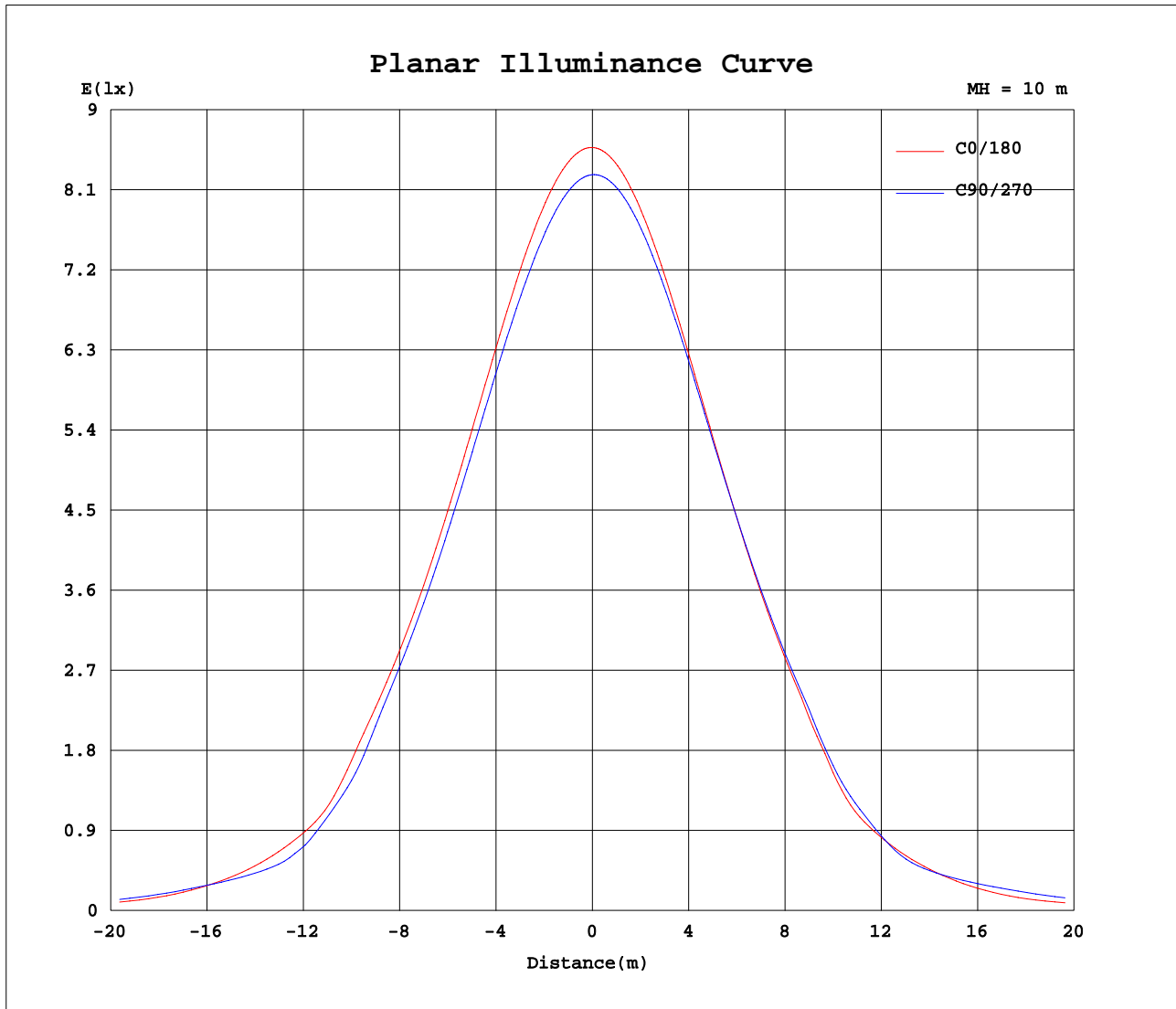
AvgL	cd/m2
L_0~180(65)av	1816
L_0~180(75)av	2497
L_0~180(85)av	2547
L_90~270(65)av	2534
L_90~270(75)av	2322
L_90~270(85)av	3079
L_45(65)av	2649
L_45(75)av	2249
L_45(85)av	2554

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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: 2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	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	858	855	852	849	847	844	842	841	839	837	836	834	833	832	830	830	829	828	827
5	855	852	849	846	843	841	838	836	835	833	831	830	828	827	826	825	824	823	822
10	844	841	839	836	833	830	828	826	824	822	820	818	817	815	814	813	812	811	810
15	827	824	821	818	815	812	810	808	806	804	802	800	798	797	796	795	794	793	791
20	801	799	796	793	790	787	784	782	781	779	777	774	773	772	771	770	769	767	766
25	767	765	762	759	756	752	749	748	746	745	742	740	738	737	737	736	735	733	731
30	723	720	718	714	711	707	703	702	701	701	699	696	695	694	693	692	690	688	687
35	665	663	660	656	652	648	644	643	643	643	642	640	639	638	637	636	634	631	629
40	593	589	585	581	576	571	567	567	568	569	569	569	568	567	565	563	559	555	552
45	477	470	464	457	449	442	437	438	440	443	445	446	446	443	439	433	426	419	413
50	336	328	320	310	297	285	278	285	297	311	322	332	338	335	328	318	303	288	278
55	246	244	240	232	217	202	193	202	217	233	241	246	249	248	245	240	229	219	211
60	150	158	163	166	164	160	157	163	168	172	164	154	147	152	161	169	171	172	171
65	86.7	105	117	124	120	114	108	114	121	125	111	95.9	84.4	95.7	111	125	122	115	109
70	80.7	89.5	93.7	93.4	83.6	72.9	64.9	72.7	83.3	93.2	91.0	86.9	83.2	88.7	94.3	97.5	86.7	74.8	65.7
75	74.3	71.2	68.4	66.0	63.6	61.8	60.7	61.2	62.6	64.7	68.0	71.1	73.1	70.7	67.4	64.4	64.7	65.7	66.6
80	48.4	45.4	43.4	42.3	43.0	44.0	44.8	43.0	41.0	39.6	41.5	44.0	46.2	45.5	44.4	43.2	43.8	44.6	45.2
85	27.3	27.1	26.7	26.1	25.1	24.2	23.4	23.2	23.2	23.4	23.2	23.1	23.2	23.9	24.7	25.5	26.1	26.5	26.6
90	2.29	2.19	2.09	1.98	1.85	1.73	1.60	1.48	1.36	1.25	1.14	1.04	0.95	0.86	0.79	0.74	0.71	0.69	0.69
95	33.6	33.4	33.9	35.4	38.3	41.6	44.7	46.3	47.4	48.2	49.5	50.6	51.4	50.9	50.6	50.8	54.6	58.0	59.7
100	179	188	196	204	211	217	221	221	220	217	211	207	205	216	229	241	246	247	243
105	457	459	461	461	461	460	460	458	458	463	483	505	525	527	526	523	532	538	537
110	736	732	733	738	745	759	781	833	885	925	915	891	865	859	859	863	875	884	884
115	1189	1210	1229	1247	1265	1280	1290	1291	1287	1277	1258	1237	1219	1216	1217	1222	1233	1240	1239
120	1610	1608	1609	1611	1618	1626	1632	1634	1632	1624	1602	1578	1558	1555	1558	1565	1575	1581	1579
125	1917	1916	1917	1920	1927	1935	1941	1942	1939	1933	1919	1904	1890	1885	1883	1884	1888	1891	1887
130	2194	2194	2196	2199	2205	2212	2217	2216	2212	2206	2199	2191	2185	2183	2184	2185	2188	2189	2185
135	2438	2439	2441	2444	2450	2456	2460	2458	2454	2450	2446	2443	2441	2440	2440	2441	2442	2442	2438
140	2652	2653	2654	2657	2662	2667	2671	2670	2668	2665	2664	2664	2663	2663	2662	2661	2659	2656	2652
145	2837	2837	2838	2840	2845	2850	2854	2854	2852	2851	2852	2853	2854	2853	2852	2850	2848	2845	2840
150	2995	2994	2995	2997	3001	3005	3009	3010	3010	3010	3011	3013	3014	3014	3014	3012	3011	3009	3005
155	3127	3126	3126	3127	3131	3135	3139	3140	3140	3140	3143	3145	3146	3146	3145	3144	3143	3141	3138
160	3234	3233	3232	3233	3236	3240	3243	3244	3244	3245	3247	3249	3250	3249	3247	3244	3243	3242	3240
165	3316	3314	3313	3313	3316	3319	3322	3322	3323	3323	3324	3325	3326	3325	3323	3321	3320	3319	3318
170	3375	3372	3371	3370	3372	3373	3375	3376	3376	3375	3375	3376	3375	3374	3373	3371	3370	3370	3369
175	3411	3407	3405	3404	3405	3406	3407	3407	3406	3406	3406	3405	3405	3404	3403	3402	3402	3402	3401
180	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	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	826	826	825	824	823	823	822	822	821	821	821	820	818	817	819	832	846	858	858
5	821	820	820	819	818	817	817	816	816	816	815	815	812	812	814	827	841	853	853
10	809	808	808	807	806	805	804	804	804	803	803	802	800	799	802	815	829	840	841
15	790	790	789	787	786	785	785	784	784	784	783	783	781	780	783	796	809	821	821
20	765	764	763	762	760	759	758	758	758	757	757	756	754	754	757	769	782	794	794
25	731	730	729	727	726	724	724	723	723	722	721	720	718	718	721	733	746	757	758
30	686	685	684	683	681	680	679	678	677	676	674	673	672	672	675	687	700	711	711
35	628	628	628	626	625	623	622	621	620	617	615	613	612	613	616	628	640	650	650
40	552	552	553	553	552	551	550	547	545	541	537	534	532	532	535	548	562	574	573
45	414	416	418	420	420	419	415	411	405	398	392	388	388	391	398	411	426	438	439
50	282	291	302	312	320	325	321	312	300	282	265	252	255	263	276	291	306	317	315
55	215	222	229	232	232	232	232	231	226	212	198	186	189	196	205	214	221	227	228
60	172	171	168	156	143	134	140	149	158	155	150	145	148	152	154	146	138	132	138
65	115	122	126	110	93.4	80.0	89.2	102	114	109	102	94.9	102	110	115	105	92.2	82.7	92.2
70	73.4	84.2	94.3	92.0	87.4	82.7	85.4	88.2	89.1	79.3	68.9	61.0	67.0	75.9	84.7	84.8	83.4	81.8	85.2
75	65.2	63.7	62.7	65.0	67.3	68.8	65.5	61.3	57.5	57.4	58.2	59.4	58.9	58.6	59.0	62.3	65.8	68.4	66.8
80	44.0	42.6	41.6	42.7	43.9	44.8	43.2	41.2	39.3	39.2	39.5	39.9	39.3	38.9	38.9	40.9	43.2	45.1	44.3
85	26.2	25.5	24.6	23.6	22.5	21.5	21.1	20.8	20.6	20.2	19.9	19.7	19.8	20.1	20.5	20.9	21.3	21.7	22.2
90	0.68	0.67	0.67	0.68	0.69	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.68	0.68	0.70	0.83	0.98	1.12	1.16
95	54.3	47.3	40.1	36.6	34.0	32.1	29.9	28.1	26.7	25.8	25.0	24.2	22.2	20.2	18.5	18.1	18.1	18.3	17.7
100	229	212	195	185	177	170	163	157	151	146	140	134	124	114	106	104	104	105	103
105	510	481	455	464	475	480	446	406	368	357	354	355	351	348	344	341	337	334	333
110	848	807	774	785	805	824	820	804	777	725	669	619	605	600	602	599	596	594	592
115	1201	1160	1127	1138	1158	1178	1171	1158	1144	1143	1139	1124	1074	1017	963	934	916	910	916
120	1545	1507	1476	1481	1494	1510	1511	1509	1503	1494	1483	1471	1460	1449	1440	1436	1434	1432	1427
125	1861	1832	1808	1813	1823	1834	1832	1826	1818	1810	1801	1791	1781	1771	1762	1758	1754	1751	1747
130	2165	2143	2123	2120	2121	2123	2117	2110	2103	2096	2089	2081	2071	2061	2052	2048	2045	2042	2037
135	2423	2405	2389	2384	2380	2378	2371	2364	2357	2351	2346	2339	2329	2320	2311	2306	2302	2298	2293
140	2641	2630	2619	2614	2609	2604	2597	2589	2582	2576	2571	2565	2557	2548	2539	2534	2530	2527	2521
145	2833	2825	2817	2811	2806	2801	2793	2785	2778	2773	2768	2763	2755	2747	2739	2735	2731	2728	2722
150	2998	2990	2982	2978	2974	2969	2962	2954	2947	2942	2938	2933	2926	2919	2913	2909	2905	2901	2896
155	3132	3125	3119	3115	3112	3109	3103	3096	3090	3086	3082	3078	3071	3065	3059	3055	3052	3049	3044
160	3236	3232	3229	3227	3224	3222	3216	3211	3205	3202	3199	3195	3190	3185	3180	3177	3175	3172	3167
165	3315	3313	3310	3309	3307	3305	3302	3298	3294	3292	3290	3287	3283	3279	3275	3273	3271	3269	3264
170	3367	3365	3363	3363	3362	3362	3360	3358	3356	3354	3353	3351	3349	3347	3345	3343	3342	3340	3336
175	3400	3399	3398	3397	3397	3396	3395	3394	3393	3392	3391	3391	3389	3388	3387	3387	3387	3386	3382
180	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.: 610*280*42	SERIAL No.:
MFR.:	SUR.:0.6*0.184	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	854	849	847	844	842	841	839	837	836	834	833	832	830	830	829	828	827	826	826
5	849	844	842	840	839	837	835	834	833	831	830	829	829	828	827	826	826	825	824
10	837	833	831	829	828	826	825	824	823	822	821	820	820	819	818	818	817	817	816
15	818	814	812	811	810	809	807	806	806	805	805	804	804	803	803	803	803	802	801
20	791	787	786	785	785	784	783	782	781	781	781	781	781	780	781	781	781	781	780
25	755	751	750	750	750	749	748	748	748	749	749	749	749	749	750	750	750	750	749
30	708	704	704	704	704	703	703	703	705	706	708	708	708	708	708	709	710	709	708
35	647	644	643	644	644	644	645	646	648	651	654	654	654	654	655	656	656	656	655
40	569	564	564	565	566	567	569	571	576	581	585	586	585	585	585	586	587	587	586
45	437	433	431	431	432	436	441	448	457	466	473	474	472	469	466	463	461	463	466
50	310	301	289	279	274	282	294	310	325	339	349	349	346	341	335	330	326	325	327
55	226	221	210	199	192	200	214	230	244	256	265	267	265	258	246	233	224	230	241
60	147	156	156	156	156	162	168	173	170	165	162	167	174	181	185	187	188	189	189
65	105	117	114	110	106	114	122	126	114	100	90.0	101	116	131	132	130	128	133	137
70	88.2	89.3	80.6	71.6	65.3	73.6	84.2	93.9	91.0	86.3	82.5	89.6	97.4	103	93.5	82.8	74.6	83.5	94.7
75	64.4	61.8	61.0	61.0	61.5	62.5	64.0	66.3	70.6	74.7	77.8	76.6	74.1	71.0	68.7	67.0	66.1	67.6	70.0
80	43.0	42.0	43.1	44.5	45.5	43.9	42.3	41.3	44.0	47.1	49.7	48.1	46.0	44.4	47.0	49.9	52.2	49.7	46.6
85	22.6	23.0	23.2	23.4	23.6	24.0	24.6	25.2	26.2	27.3	28.4	29.6	30.7	31.7	32.2	32.5	32.7	32.7	32.6
90	1.17	1.18	1.18	1.20	1.25	1.38	1.55	1.73	1.89	2.06	2.22	2.33	2.46	2.66	3.13	3.61	3.99	3.95	3.79
95	17.2	17.1	18.4	19.9	21.5	21.8	22.1	22.6	23.8	25.5	27.6	29.8	32.5	35.9	41.9	47.6	51.6	49.6	46.0
100	103	103	106	109	115	125	136	145	143	141	142	157	175	194	210	223	230	224	214
105	332	332	331	331	333	338	346	358	376	397	418	432	444	457	478	497	509	495	478
110	591	590	582	580	591	646	706	758	757	745	730	740	756	775	800	822	835	816	794
115	933	958	998	1040	1079	1099	1110	1111	1095	1077	1062	1073	1091	1113	1138	1159	1171	1153	1132
120	1422	1418	1416	1416	1418	1429	1438	1442	1425	1407	1393	1405	1423	1446	1468	1486	1497	1482	1465
125	1742	1738	1736	1735	1736	1740	1744	1745	1732	1719	1710	1721	1738	1758	1774	1786	1794	1787	1779
130	2031	2026	2023	2020	2019	2022	2024	2024	2015	2006	2000	2010	2025	2041	2054	2064	2071	2070	2067
135	2288	2283	2279	2276	2275	2276	2277	2278	2272	2267	2264	2273	2285	2298	2307	2315	2322	2323	2323
140	2516	2511	2507	2503	2501	2501	2502	2503	2500	2498	2498	2506	2515	2524	2529	2532	2535	2540	2546
145	2717	2711	2707	2704	2702	2702	2702	2703	2702	2701	2703	2709	2716	2724	2726	2728	2731	2737	2744
150	2890	2885	2881	2878	2876	2877	2878	2879	2879	2878	2879	2883	2889	2894	2898	2901	2905	2911	2917
155	3039	3034	3030	3027	3026	3026	3028	3029	3028	3028	3029	3031	3035	3039	3043	3047	3052	3057	3061
160	3161	3156	3153	3151	3150	3151	3152	3153	3153	3152	3153	3154	3156	3158	3160	3162	3165	3169	3174
165	3259	3255	3252	3250	3250	3250	3251	3252	3252	3251	3251	3252	3254	3255	3256	3257	3259	3262	3267
170	3331	3327	3325	3325	3324	3324	3325	3325	3325	3324	3324	3325	3327	3328	3329	3330	3332	3334	3337
175	3378	3375	3374	3373	3373	3373	3374	3374	3374	3374	3374	3375	3376	3377	3378	3379	3380	3382	3384
180	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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:229.65V I:0.3460A P:77.797W PF:0.9790 Freq:49.99Hz Lamp Flux:11330.2x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.: 610*280*42						SERIAL No.:		
MFR.:									SUR.:0.6*0.184						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	825	824	823	823	822	822	821	821	821	820	818	817	819	827	840				
5	823	823	822	822	821	820	820	819	819	819	816	815	817	825	838				
10	815	815	814	814	813	812	811	811	810	810	807	806	807	815	828				
15	800	799	799	798	797	796	796	795	795	794	791	790	791	799	811				
20	778	778	777	776	775	774	773	772	772	772	768	767	767	775	786				
25	748	747	747	746	745	743	742	741	740	739	736	734	735	742	752				
30	707	707	707	706	704	702	701	699	698	697	694	692	692	699	709				
35	654	655	655	655	652	650	647	645	644	642	639	637	637	643	652				
40	586	588	589	590	587	582	578	576	573	572	568	565	565	571	580				
45	471	477	483	486	481	474	465	457	450	444	442	442	445	452	463				
50	331	340	348	354	348	339	328	316	305	297	296	299	305	313	323				
55	253	261	266	269	267	261	251	232	214	200	205	214	226	234	240				
60	187	181	175	171	173	177	179	174	168	162	164	166	167	164	158				
65	138	122	105	91.8	101	115	128	125	118	112	117	122	125	118	105				
70	104	97.7	88.8	81.0	86.9	93.9	98.7	87.9	75.7	66.1	73.5	84.0	93.7	93.9	89.5				
75	72.8	76.2	78.9	80.2	77.4	73.2	68.6	64.9	62.0	60.3	61.3	63.4	66.3	68.7	71.4				
80	44.1	46.4	49.2	51.3	48.5	45.0	42.0	43.4	45.5	47.4	46.0	44.3	42.9	43.7	45.5				
85	32.4	32.2	32.0	31.6	30.8	29.9	29.1	28.6	28.2	27.9	27.6	27.3	27.1	27.1	27.1				
90	3.59	3.51	3.46	3.44	3.47	3.52	3.54	3.47	3.36	3.24	3.15	3.05	2.92	2.75	2.54				
95	42.0	40.8	40.4	40.6	41.8	42.9	43.1	40.1	36.5	33.2	32.6	32.7	33.3	33.3	33.5				
100	203	200	199	199	200	202	203	205	205	200	194	189	185	182					
105	465	486	509	525	501	470	439	433	433	437	440	444	449	452	455				
110	778	799	829	861	882	893	887	835	776	722	713	718	729	731	734				
115	1116	1137	1167	1198	1215	1227	1235	1238	1237	1235	1233	1230	1224	1215	1203				
120	1452	1468	1491	1518	1539	1556	1570	1571	1570	1568	1576	1585	1595	1601	1606				
125	1773	1783	1799	1818	1837	1856	1871	1875	1877	1878	1887	1896	1905	1910	1914				
130	2065	2072	2081	2094	2110	2127	2142	2148	2152	2155	2164	2173	2182	2188	2192				
135	2324	2329	2335	2343	2356	2370	2383	2390	2395	2401	2409	2418	2426	2432	2436				
140	2552	2555	2559	2565	2575	2587	2598	2605	2610	2615	2623	2632	2640	2645	2649				
145	2750	2753	2756	2760	2768	2777	2786	2792	2797	2803	2810	2818	2826	2831	2834				
150	2922	2924	2926	2929	2936	2944	2951	2956	2960	2964	2971	2978	2984	2989	2992				
155	3065	3067	3069	3071	3077	3083	3089	3093	3097	3101	3106	3112	3118	3122	3125				
160	3178	3182	3185	3189	3193	3198	3203	3206	3208	3212	3216	3221	3226	3230	3232				
165	3271	3274	3277	3280	3284	3288	3292	3294	3297	3299	3302	3306	3309	3312	3314				
170	3340	3343	3345	3347	3350	3353	3356	3358	3360	3362	3364	3367	3370	3372	3373				
175	3386	3387	3389	3390	3392	3395	3397	3399	3400	3401	3403	3405	3407	3408	3410				
180	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413	3413				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-04-17

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: