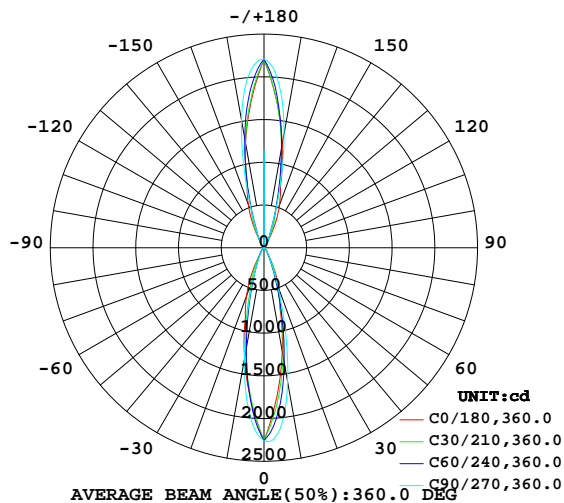


LUMINAIRE PHOTOMETRIC TEST REPORT

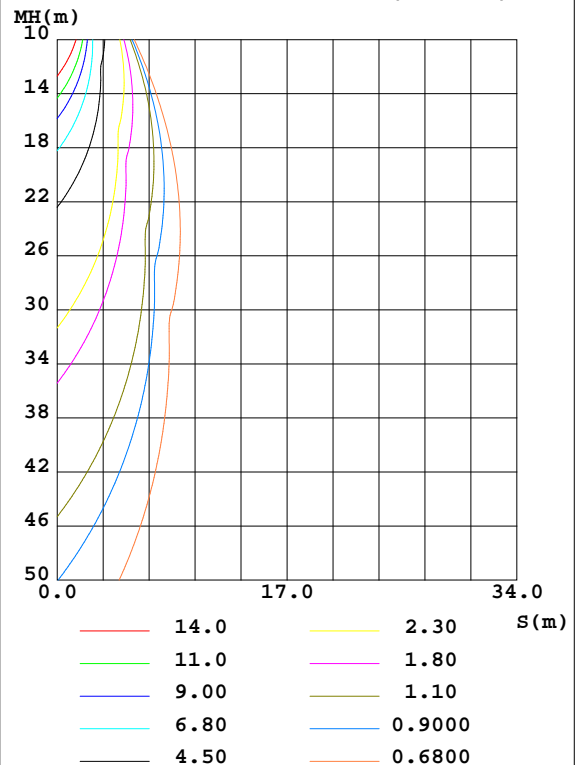
Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.18 lm/W			
MODEL	INDEPS010UNHD8SC2R3BZP	Imax(cd)	2268	S/MH(C0/180)	0.40
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1113.9	η UP,DN(C0-180)	23.0,27.3
NOMINAL FLUX(lm)	1113.91	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.3,24.4
LAMPS INSIDE	1	η up(%)	48.2	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	51.8	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1234	1324	1595	1368	1316	1210	1325	1163	0- 10	158.7	158.7	14.2,14.2
20	511.6	399.2	456.1	436.9	600.0	366.7	343.4	313.3	10- 20	213.3	372.0	33.4,33.4
30	92.38	123.7	117.8	138.0	111.6	117.8	96.12	103.0	20- 30	110.2	482.2	43.3,43.3
40	48.21	40.86	44.25	45.80	56.79	42.46	39.21	37.37	30- 40	44.19	526.3	47.3,47.3
50	20.83	20.96	20.89	22.58	23.16	21.20	19.23	19.21	40- 50	23.51	549.9	49.4,49.4
60	10.24	11.15	10.95	11.57	10.70	10.97	10.11	10.10	50- 60	13.60	563.5	50.6,50.6
70	5.880	5.962	5.789	5.946	6.050	5.608	5.263	5.214	60- 70	7.908	571.4	51.3,51.3
80	2.482	2.689	2.705	2.547	2.493	2.352	2.015	2.076	70- 80	4.177	575.5	51.7,51.7
90	0.0460	0.0492	0.0596	0.0355	0.0241	0.0555	0.0224	0.0596	80- 90	1.220	576.8	51.8,51.8
100	2.002	1.800	1.753	1.949	2.125	1.992	1.862	1.837	90-100	0.9773	577.7	51.9,51.9
110	4.989	4.501	4.383	4.726	5.145	4.865	4.653	4.820	100-110	3.393	581.1	52.2,52.2
120	9.006	9.050	8.667	9.188	9.084	9.720	9.395	9.793	110-120	6.704	587.8	52.8,52.8
130	18.93	16.95	16.08	16.90	18.59	18.83	18.42	19.13	120-130	11.73	599.6	53.8,53.8
140	47.38	32.08	30.85	32.07	47.04	37.63	39.03	38.27	130-140	20.11	619.7	55.6,55.6
150	94.37	96.62	84.46	97.73	94.43	117.8	109.2	118.5	140-150	39.17	658.9	59.1,59.1
160	530.6	301.7	297.3	313.1	540.7	361.8	377.9	361.3	150-160	99.29	758.2	68.1,68.1
170	1235	1179	1355	1188	1245	1270	1517	1267	160-170	201.2	959.3	86.1,86.1
180	2208	2208	2208	2208	2208	2208	2208	2208	170-180	154.6	1114	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 539.98 lm

%lum = 48.5%

%lamp = 48.5%

Conical surface Flux(120deg): 563.46 lm

%lum = 50.6%

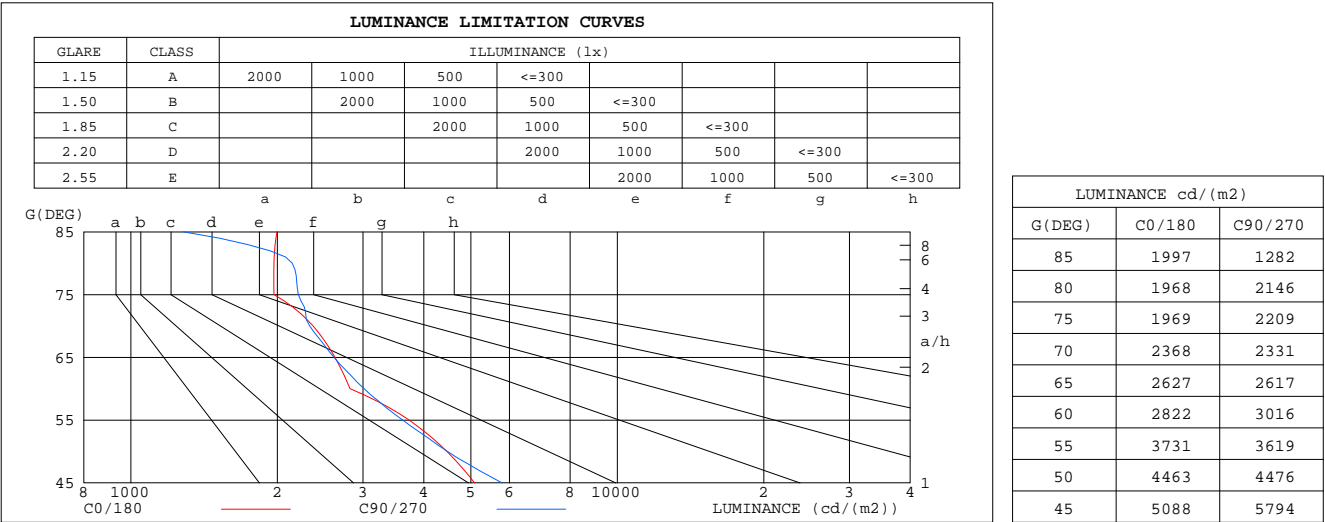
%lamp = 50.6%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



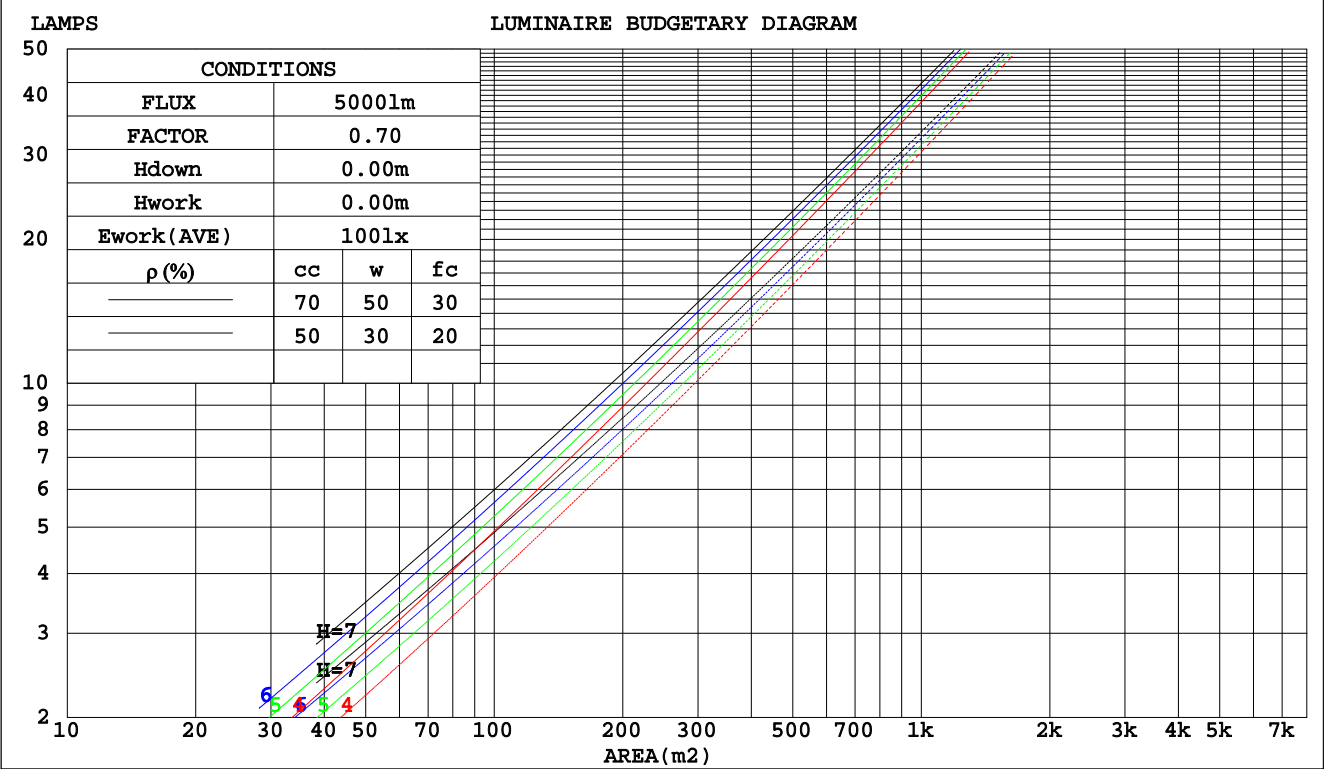
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

WEC AND CCEC

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	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	.208	.118	.038	.187	.107	.034	.147	.084	.027	.110	.063	.020	.076	.044	.014		
2.0	.193	.106	.032	.174	.096	.029	.138	.076	.024	.104	.058	.018	.073	.042	.013		
3.0	.179	.095	.029	.162	.087	.026	.129	.070	.021	.098	.054	.017	.070	.039	.012		
4.0	.167	.087	.025	.151	.079	.023	.121	.064	.019	.093	.050	.015	.067	.036	.011		
5.0	.156	.079	.023	.141	.073	.021	.114	.059	.017	.088	.046	.014	.064	.034	.010		
6.0	.146	.073	.021	.133	.067	.019	.107	.055	.016	.084	.043	.013	.061	.032	.010		
7.0	.137	.068	.019	.125	.062	.018	.101	.051	.015	.079	.041	.012	.059	.031	.009		
8.0	.130	.063	.018	.118	.058	.016	.096	.048	.014	.076	.038	.011	.056	.029	.008		
9.0	.123	.059	.017	.112	.055	.015	.091	.045	.013	.072	.036	.010	.054	.027	.008		
10.0	.116	.056	.015	.106	.051	.014	.087	.043	.012	.069	.034	.010	.052	.026	.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	.558	.558	.558	.477	.477	.477	.325	.325	.325	.187	.187	.187	.060	.060	.060	
1.0	.544	.527	.513	.465	.453	.441	.318	.311	.305	.183	.180	.178	.059	.058	.057	
2.0	.532	.505	.483	.456	.435	.417	.312	.301	.291	.180	.175	.171	.058	.057	.056	
3.0	.522	.489	.462	.447	.422	.401	.307	.293	.281	.177	.171	.166	.057	.056	.054	
4.0	.513	.476	.447	.440	.411	.388	.303	.286	.274	.175	.168	.162	.056	.055	.053	
5.0	.505	.466	.436	.434	.403	.379	.299	.281	.268	.173	.165	.159	.056	.054	.052	
6.0	.498	.457	.428	.428	.396	.373	.296	.277	.264	.171	.163	.157	.055	.053	.052	
7.0	.492	.451	.422	.423	.391	.367	.293	.274	.260	.170	.161	.155	.055	.053	.051	
8.0	.487	.445	.417	.419	.386	.363	.290	.271	.258	.169	.160	.154	.055	.052	.051	
9.0	.481	.440	.413	.415	.382	.360	.287	.269	.256	.167	.159	.152	.054	.052	.050	
10.0	.477	.436	.409	.411	.379	.357	.285	.267	.254	.166	.158	.151	.054	.052	.050	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.9%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm										
NAME: Optic/CCT/Wattage/Up & Down Light					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: LEDVANCE LLC					SUR.:			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	9.6	9.8	10.4	11.4	8.9	9.6	9.7	10.3	11.3
3H	9.4	10.0	10.3	10.9	11.9	9.3	10.0	10.2	10.8	11.8
4H	9.6	10.2	10.5	11.0	12.1	9.5	10.1	10.4	11.0	12.0
6H	9.7	10.2	10.6	11.1	12.2	9.7	10.3	10.6	11.1	12.2
8H	9.8	10.3	10.7	11.1	12.2	9.8	10.3	10.7	11.1	12.2
12H	9.8	10.3	10.7	11.1	12.3	9.7	10.2	10.7	11.1	12.2
4H 2H	8.9	9.5	9.8	10.4	11.4	8.9	9.5	9.7	10.3	11.3
3H	9.6	10.1	10.5	11.0	12.1	9.5	10.0	10.4	10.9	12.0
4H	9.9	10.3	10.8	11.2	12.4	9.8	10.3	10.8	11.2	12.3
6H	10.1	10.5	11.0	11.4	12.6	10.1	10.5	11.1	11.4	12.6
8H	10.2	10.5	11.1	11.5	12.7	10.2	10.6	11.2	11.5	12.7
12H	10.2	10.5	11.2	11.5	12.7	10.2	10.5	11.2	11.5	12.7
8H 4H	9.8	10.2	10.8	11.1	12.4	9.8	10.2	10.8	11.1	12.3
6H	10.2	10.5	11.2	11.4	12.7	10.2	10.5	11.2	11.5	12.8
8H	10.3	10.6	11.4	11.6	12.9	10.4	10.6	11.4	11.6	12.9
12H	10.5	10.7	11.5	11.7	13.0	10.4	10.6	11.4	11.6	12.9
12H 4H	9.8	10.1	10.8	11.1	12.3	9.8	10.1	10.8	11.1	12.3
6H	10.2	10.4	11.2	11.4	12.7	10.2	10.5	11.2	11.5	12.7
8H	10.4	10.6	11.4	11.6	12.9	10.4	10.6	11.4	11.6	12.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.9					+ 0.7 / - 0.8				
1.5H	+ 1.3 / - 0.5					+ 1.2 / - 0.5				
2.0H	+ 0.8 / - 0.9					+ 1.1 / - 0.7				

CIE Pub.117, 1114 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.4$)
Area: 0.00725968 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

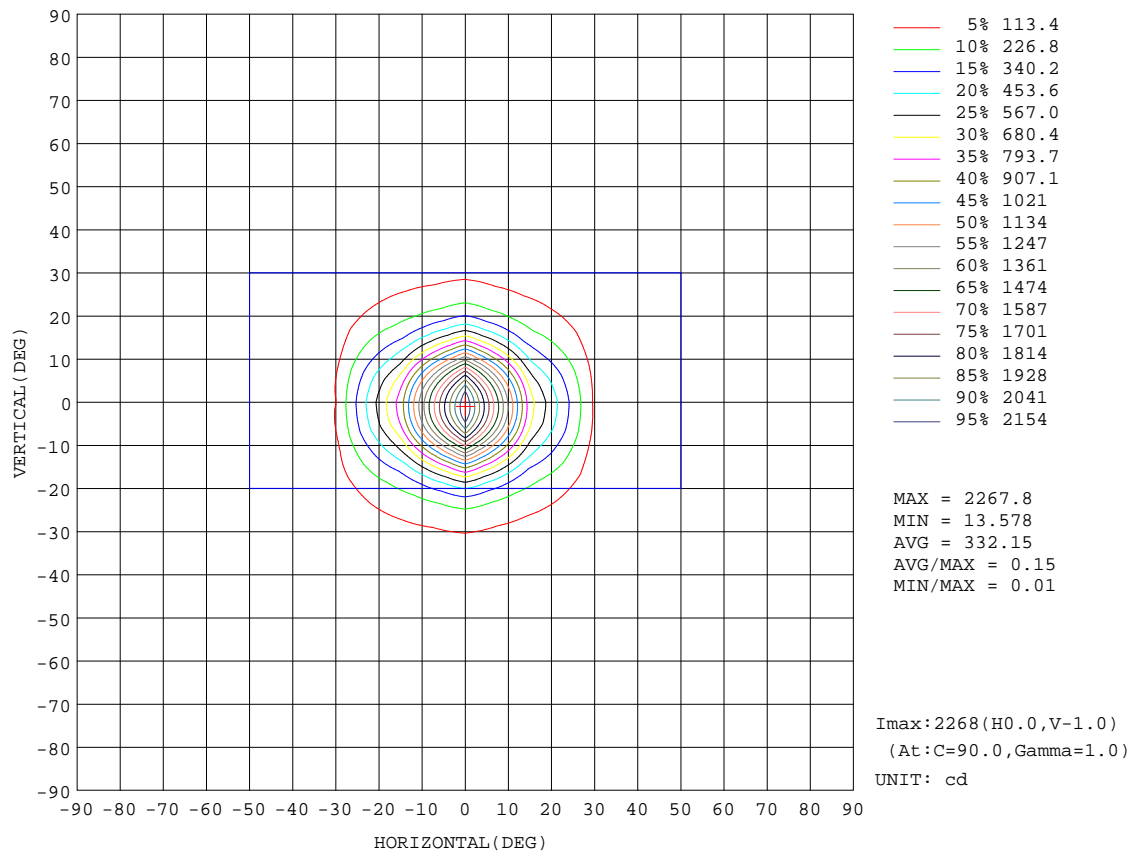
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	52	47	57	50	46	53	47	44	37
0.80	68	60	54	65	57	53	59	53	50	41
1.00	74	65	60	70	63	58	63	58	54	43
1.25	79	71	66	75	68	63	66	62	58	45
1.50	83	75	70	78	72	67	69	65	61	47
2.00	88	81	76	82	77	72	72	68	65	48
2.50	91	85	80	85	80	76	74	71	68	49
3.00	94	88	84	88	83	79	76	73	70	49
4.00	97	93	89	90	87	84	78	76	74	50
5.00	99	96	92	92	89	87	79	77	76	51
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.9%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

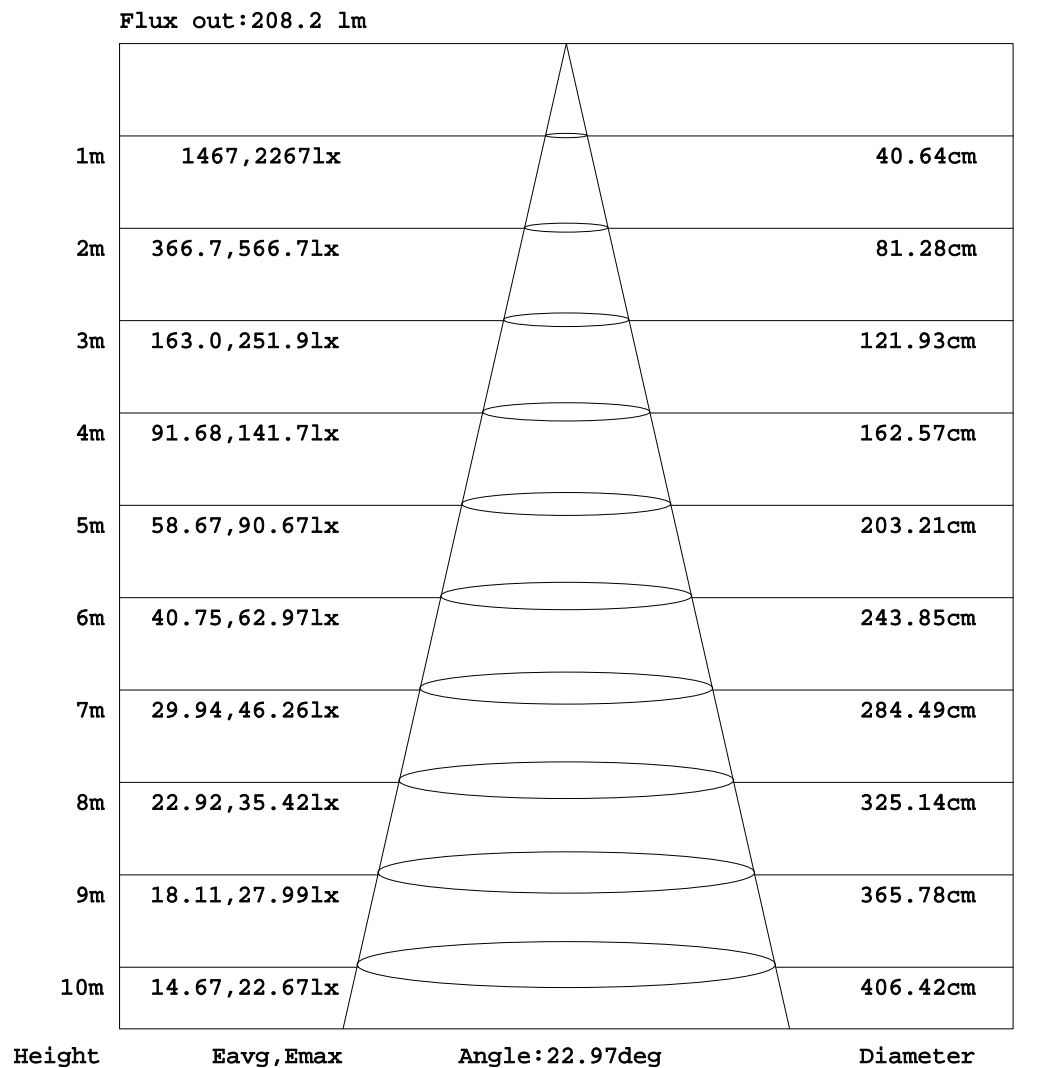


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

AAI Figure

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



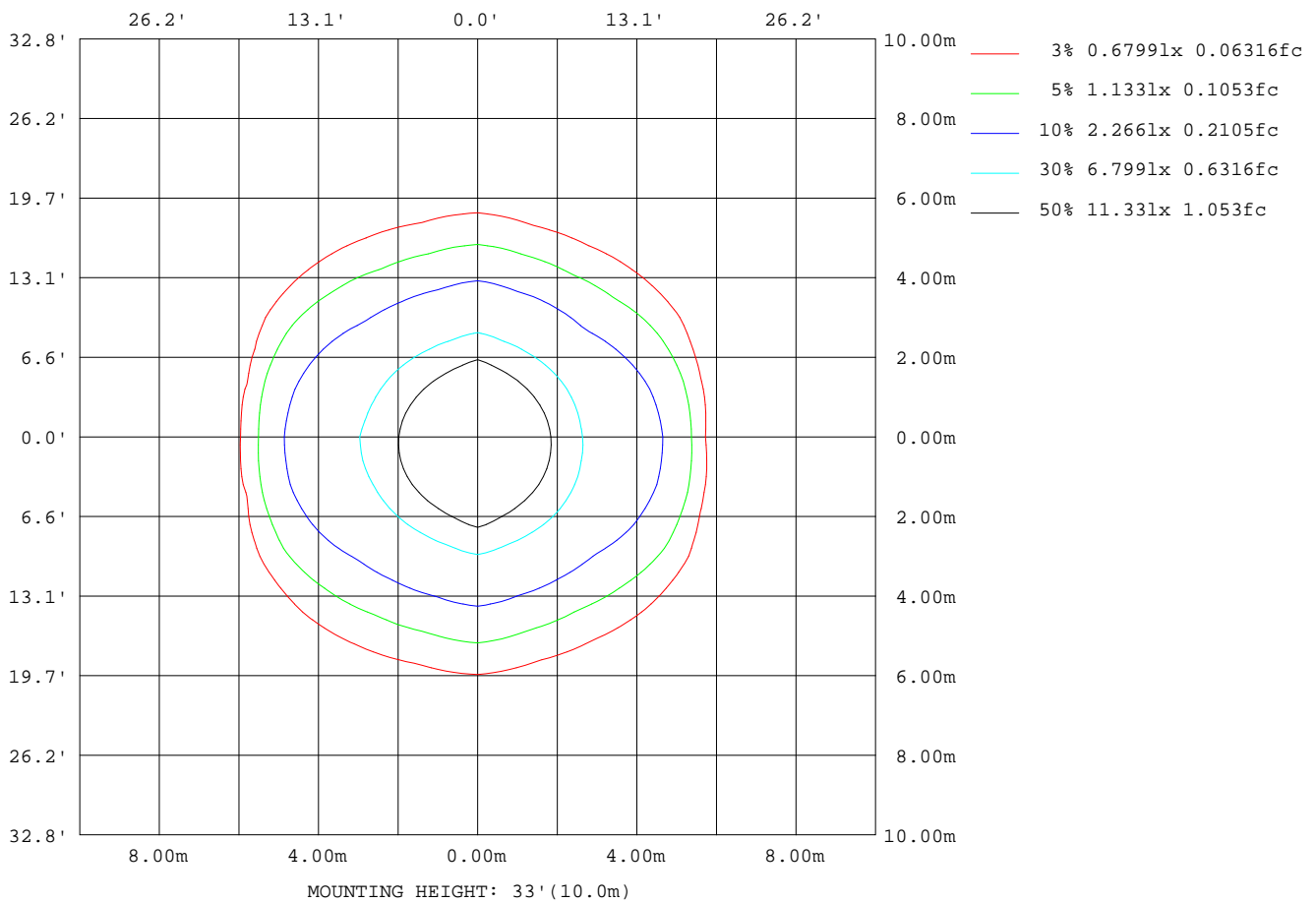
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.9%
 Test Distance:2.500m [K=1.0461]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.9%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

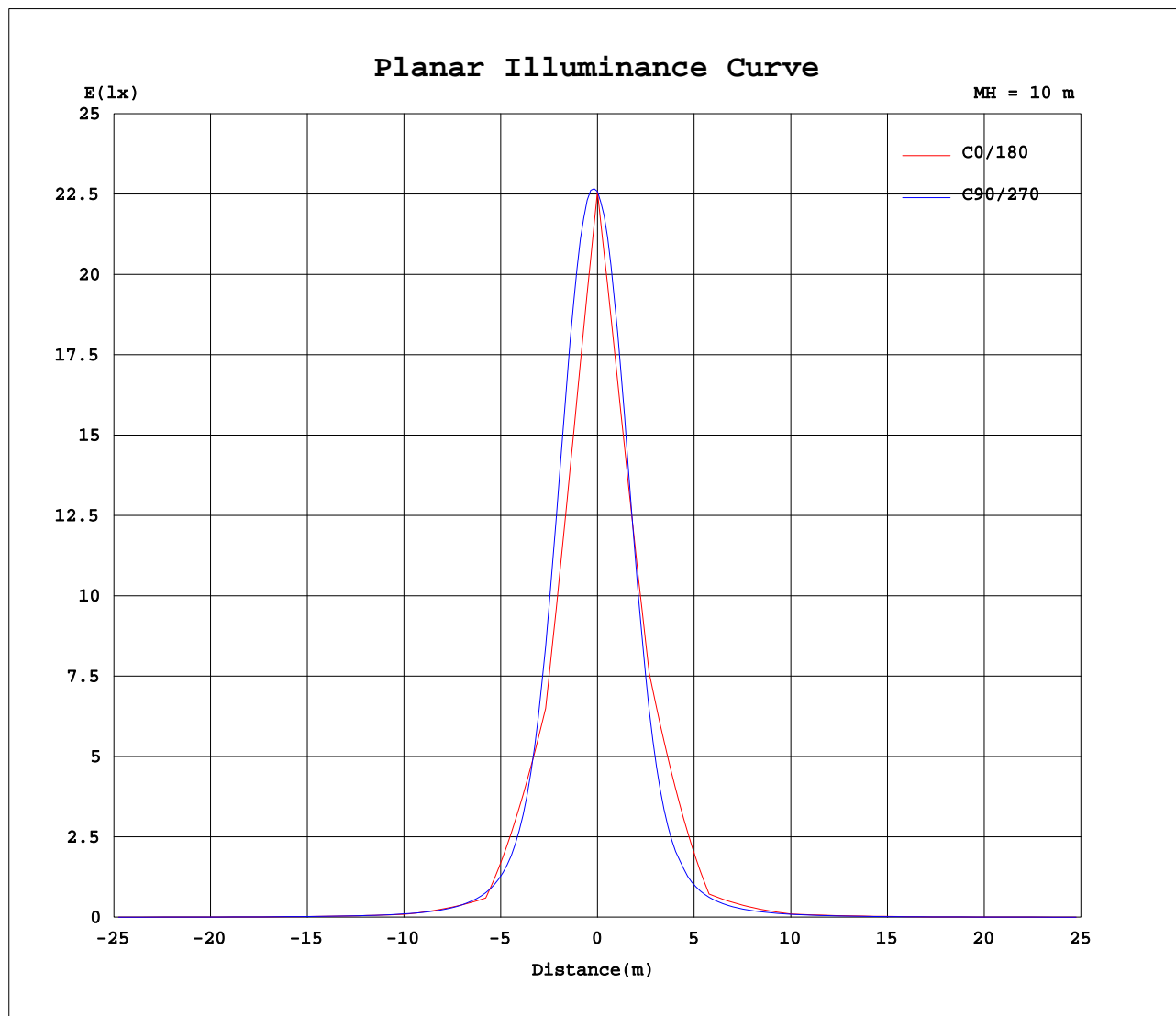
AvgL	cd/m2
L_0~180(65)av	2678
L_0~180(75)av	1976
L_0~180(85)av	1993
L_90~270(65)av	2514
L_90~270(75)av	2076
L_90~270(85)av	794
L_45(65)av	2599
L_45(75)av	2116
L_45(85)av	1939

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.9%
Test Distance: 2.500m [K=1.0461]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm																			
NAME: Optic/CCT/Wattage/Up & Down Light										TYPE:LED					WEIGHT:				
SPEC.:										DIM.:					SERIAL No.:				
MFR.: LEDVANCE LLC										SUR.:					Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258	2258
5	1746	1771	1810	1859	1927	2019	2136	2028	1945	1886	1844	1809	1787	1769	1765	1772	1800	1855	1945
10	1234	1264	1294	1324	1366	1447	1595	1460	1394	1368	1356	1338	1316	1281	1240	1210	1196	1225	1325
15	721	752	781	794	800	831	935	841	823	839	860	860	844	805	760	707	663	656	716
20	512	508	455	399	400	403	456	412	419	437	516	588	600	542	449	367	333	316	343
25	302	304	272	220	196	196	219	202	212	244	304	352	356	322	265	207	174	163	171
30	92.4	118	138	124	110	108	118	112	122	138	156	138	112	130	137	118	103	92.5	96.1
35	70.3	69.5	63.4	69.9	68.1	65.5	69.9	68.1	74.6	78.2	73.7	81.5	84.2	78.6	68.4	69.2	64.1	58.6	59.5
40	48.2	48.5	45.9	40.9	43.3	42.2	44.2	43.9	46.5	45.8	52.5	56.1	56.8	54.2	49.0	42.5	41.7	39.2	39.2
45	26.1	28.6	31.0	29.6	28.7	29.0	29.7	30.1	30.8	32.5	34.7	32.2	29.4	31.4	32.8	30.3	28.2	27.5	27.0
50	20.8	20.7	19.8	21.0	20.1	20.4	20.9	21.2	21.4	22.6	21.5	22.8	23.2	22.3	20.7	21.2	19.9	19.4	19.2
55	15.5	15.7	15.3	14.5	14.8	14.7	15.1	15.1	15.6	15.3	16.4	17.0	16.9	16.6	15.8	14.4	14.4	13.8	13.9
60	10.2	10.7	11.3	11.2	10.9	10.8	10.9	11.0	11.3	11.6	11.7	11.2	10.7	11.0	11.4	11.0	10.4	10.0	10.1
65	8.06	8.10	8.03	8.23	8.10	7.98	8.03	8.07	8.19	8.38	8.04	8.32	8.37	8.21	7.90	7.93	7.63	7.34	7.40
70	5.88	6.00	6.07	5.96	6.01	5.84	5.79	5.85	5.98	5.95	5.98	6.05	6.05	6.01	5.88	5.61	5.49	5.07	5.26
75	3.70	3.93	4.15	4.26	4.26	4.23	4.15	4.11	4.13	4.17	3.96	3.79	3.73	3.81	3.90	3.89	3.69	3.32	3.65
80	2.48	2.58	2.61	2.69	2.69	2.71	2.70	2.58	2.60	2.55	2.44	2.47	2.49	2.49	2.40	2.35	2.06	1.45	2.02
85	1.26	1.31	1.33	1.36	1.30	0.84	0.81	0.86	1.24	1.29	1.24	1.25	1.26	1.26	1.22	1.20	0.84	0.19	0.19
90	0.05	0.04	0.04	0.05	0.06	0.06	0.06	0.05	0.05	0.04	0.03	0.02	0.02	0.03	0.04	0.06	0.08	0.09	0.02
95	1.02	0.98	0.94	0.92	0.77	0.30	0.29	0.42	0.90	0.99	1.02	1.07	1.07	1.05	1.03	1.02	0.95	0.60	0.52
100	2.00	1.92	1.84	1.80	1.74	1.66	1.75	1.90	1.91	1.95	2.01	2.11	2.12	2.08	2.03	1.99	2.00	1.89	1.86
105	2.98	2.96	3.04	3.07	2.95	2.93	2.95	3.02	3.11	3.27	3.27	3.23	3.18	3.20	3.30	3.36	3.29	3.20	3.13
110	4.99	4.86	4.74	4.50	4.44	4.34	4.38	4.41	4.61	4.73	4.95	5.08	5.14	5.10	5.01	4.87	4.93	4.75	4.65
115	7.00	6.79	6.49	6.47	6.25	6.22	6.24	6.28	6.47	6.67	6.66	6.95	7.11	7.02	6.76	6.95	6.79	6.73	6.64
120	9.01	9.18	9.38	9.05	8.70	8.55	8.67	8.62	8.86	9.19	9.43	9.24	9.08	9.38	9.80	9.72	9.47	9.27	9.39
125	14.0	13.6	13.0	12.0	12.0	11.8	12.0	11.7	12.0	12.1	12.9	13.5	13.8	13.9	13.6	12.9	13.2	13.0	13.2
130	18.9	18.2	16.9	16.9	16.3	16.0	16.1	15.9	16.0	16.9	16.6	17.8	18.6	18.6	17.8	18.8	18.2	18.3	18.4
135	23.9	25.5	26.1	23.4	22.2	21.6	21.7	21.5	21.9	23.3	25.7	25.0	23.3	26.3	28.8	26.7	25.9	25.8	26.0
140	47.4	44.4	38.6	32.1	32.2	30.2	30.9	30.1	32.1	32.1	38.4	44.1	47.0	47.2	43.8	37.6	39.5	37.7	39.0
145	70.9	64.7	54.5	55.6	51.3	46.7	48.6	46.7	51.2	55.3	54.2	64.6	70.7	69.2	61.8	66.9	64.8	60.0	63.5
150	94.4	109	111	96.6	87.3	79.1	84.5	79.1	86.5	97.7	113	110	94.4	117	129	118	109	102	109
155	312	277	214	167	147	139	150	139	148	172	222	284	318	302	251	203	183	177	193
160	531	475	370	302	287	273	297	274	292	313	387	487	541	512	427	362	351	343	378
165	749	721	684	652	630	631	698	634	637	666	701	736	764	766	754	745	739	757	849
170	1235	1215	1187	1179	1183	1234	1355	1237	1190	1188	1197	1223	1245	1251	1256	1270	1302	1376	1517
175	1721	1715	1721	1741	1779	1843	1940	1844	1782	1745	1724	1719	1727	1737	1758	1792	1848	1929	2035
180	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 22 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 40.9%

Test Distance: 2.500m [K=1.0461]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1113.91x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	2258	2258	2258	2258	2258													
5	1846	1781	1745	1730	1729													
10	1210	1166	1163	1176	1204													
15	642	631	649	675	696													
20	306	308	313	374	459													
25	158	158	176	220	271													
30	88.8	92.7	103	116	108													
35	55.9	58.5	61.0	58.2	65.5													
40	37.6	38.3	37.4	42.1	45.9													
45	26.4	26.2	27.1	28.7	27.5													
50	18.9	18.6	19.2	18.5	19.9													
55	13.5	13.6	13.2	14.2	15.0													
60	10.0	9.95	10.1	10.4	10.2													
65	7.53	7.31	7.35	7.32	7.68													
70	5.53	5.33	5.21	5.42	5.59													
75	4.07	3.65	3.58	3.57	3.52													
80	2.63	2.09	2.08	2.20	2.30													
85	0.92	0.90	1.06	1.12	1.17													
90	0.09	0.08	0.06	0.05	0.04													
95	0.55	0.88	0.94	0.99	1.03													
100	1.86	1.86	1.84	1.94	2.03													
105	3.07	3.10	3.24	3.21	3.11													
110	4.60	4.73	4.82	4.98	5.03													
115	6.57	6.73	6.96	6.79	6.97													
120	9.23	9.47	9.79	9.90	9.38													
125	13.0	13.3	13.1	13.8	14.1													
130	18.4	18.3	19.1	18.1	18.8													
135	26.0	26.3	27.4	29.0	26.7													
140	38.1	40.0	38.3	43.9	47.4													
145	60.3	65.0	67.4	62.0	69.4													
150	102	109	118	129	117													
155	177	184	204	250	300													
160	343	352	361	423	507													
165	757	738	742	749	757													
170	1375	1300	1267	1252	1244													
175	1928	1847	1790	1755	1733													
180	2208	2208	2208	2208	2208													

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 22 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 40.9%

Test Distance: 2.500m [K=1.0461]

Remarks: