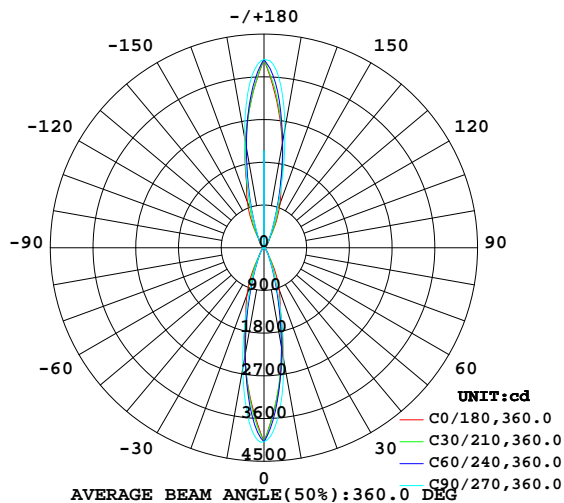


LUMINAIRE PHOTOMETRIC TEST REPORT

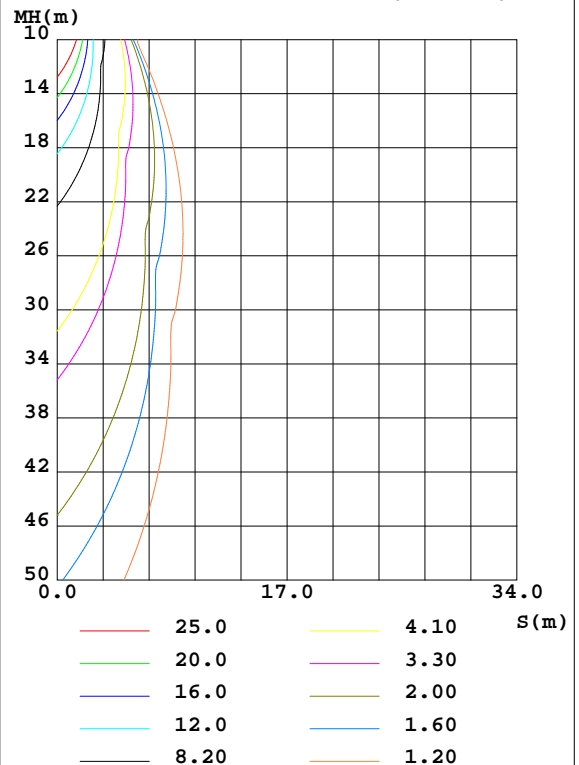
Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.80 lm/W			
MODEL	INDEPS030UNHD8SC2R6BZP	I _{max} (cd)	4098	S/MH(C0/180)	0.39
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	2169.9	η UP,DN(C0-180)	25.9,23.8
NOMINAL FLUX(lm)	2169.88	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.8,25.4
LAMPS INSIDE	1	η up(%)	50.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	49.2	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: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
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	2236	2118	2400	2202	2344	2264	2572	2245	0- 10	281.6	281.6	13,13
20	940.7	603.0	635.1	702.1	1051	704.9	728.2	723.9	10- 20	373.3	654.9	30.2,30.2
30	199.3	206.9	189.7	232.5	206.4	240.4	224.3	252.0	20- 30	201.5	856.4	39.5,39.5
40	108.2	81.10	81.32	86.59	111.5	91.26	94.44	95.28	30- 40	88.96	945.3	43.6,43.6
50	51.16	47.15	45.82	49.04	52.26	51.03	49.57	51.66	40- 50	52.33	997.7	46,46
60	28.13	27.80	27.78	29.08	28.74	29.64	29.08	29.65	50- 60	34.10	1032	47.5,47.5
70	16.34	15.23	15.67	16.54	16.98	16.34	16.05	16.12	60- 70	21.89	1054	48.6,48.6
80	6.996	5.719	6.192	7.065	7.414	6.466	6.236	6.424	70- 80	11.74	1065	49.1,49.1
90	0.0889	0.1098	0.1307	0.0803	0.0556	0.0949	0.0453	0.0996	80- 90	3.185	1069	49.2,49.2
100	7.963	7.417	7.451	7.392	8.261	7.337	6.477	6.352	90-100	3.507	1072	49.4,49.4
110	18.52	18.44	18.43	18.32	18.94	17.96	17.07	17.21	100-110	13.12	1085	50,50
120	31.77	33.20	32.46	32.93	32.10	32.49	31.11	31.63	110-120	24.50	1110	51.1,51.1
130	58.91	57.89	54.96	56.47	59.21	56.99	53.13	54.52	120-130	38.51	1148	52.9,52.9
140	124.9	106.1	104.4	103.1	126.6	103.9	98.99	98.38	130-140	60.02	1208	55.7,55.7
150	229.7	270.5	240.2	253.9	234.1	259.6	224.8	238.3	140-150	101.9	1310	60.4,60.4
160	985.7	746.2	728.4	698.1	1024	715.9	661.4	628.0	150-160	211.3	1521	70.1,70.1
170	2232	2246	2550	2232	2269	2162	2363	2103	160-170	372.2	1894	87.3,87.3
180	3969	3969	3969	3969	3969	3969	3969	3969	170-180	276.2	2170	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 974.83 lm

%lum = 44.9%

%lamp = 44.9%

Conical surface Flux(120deg): 1031.8 lm

%lum = 47.5%

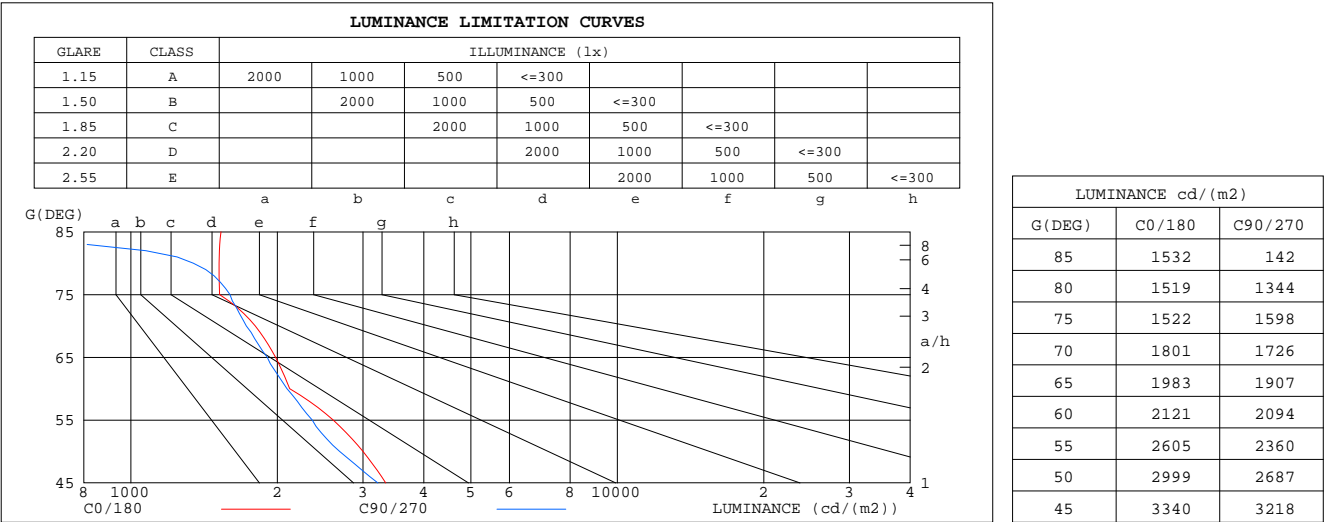
%lamp = 47.5%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Alan Wang
 Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



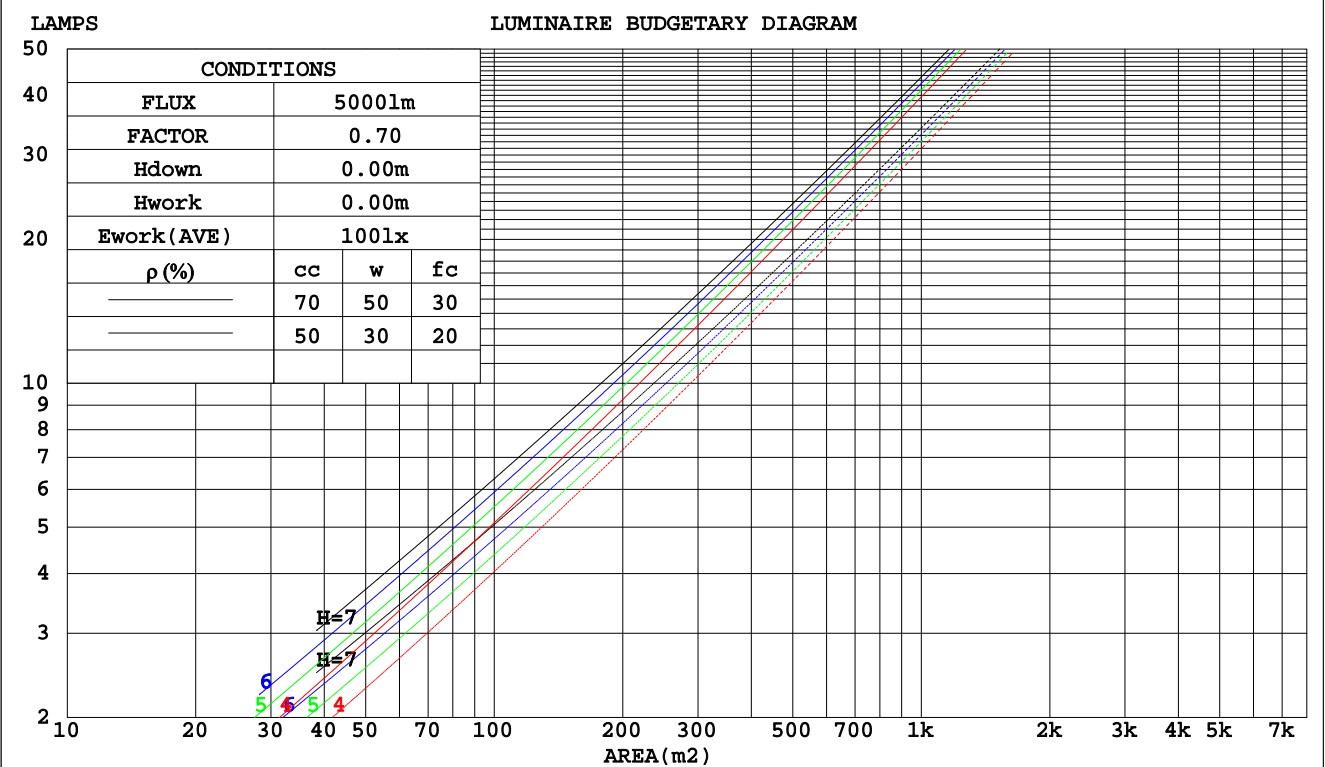
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 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: 25.1DEG
Operators:Alan Wang
Test Date:17 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance:2.500m [K=1.0461]
Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 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	.215	.122	.039	.193	.110	.035	.151	.087	.028	.113	.065	.021	.078	.045	.015	
2.0	.199	.109	.033	.179	.099	.030	.142	.079	.024	.107	.060	.019	.075	.042	.013	
3.0	.185	.098	.029	.167	.089	.027	.132	.072	.022	.101	.055	.017	.072	.040	.012	
4.0	.172	.089	.026	.155	.081	.024	.124	.066	.020	.095	.051	.015	.068	.037	.011	
5.0	.161	.082	.024	.145	.075	.022	.117	.061	.018	.090	.047	.014	.065	.035	.010	
6.0	.150	.075	.022	.136	.069	.020	.110	.056	.016	.085	.044	.013	.062	.033	.010	
7.0	.141	.070	.020	.128	.064	.018	.104	.052	.015	.081	.041	.012	.059	.031	.009	
8.0	.133	.065	.018	.121	.060	.017	.098	.049	.014	.077	.039	.011	.057	.029	.008	
9.0	.126	.061	.017	.115	.056	.016	.093	.046	.013	.073	.037	.010	.054	.028	.008	
10.0	.119	.057	.016	.109	.052	.015	.089	.043	.012	.070	.035	.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	.577	.577	.577	.493	.493	.493	.337	.337	.337	.193	.193	.193	.062	.062	.062	
1.0	.564	.547	.532	.482	.469	.458	.330	.323	.317	.190	.187	.184	.061	.060	.060	
2.0	.552	.525	.502	.473	.452	.434	.324	.313	.303	.187	.182	.177	.060	.059	.058	
3.0	.543	.508	.481	.465	.439	.417	.319	.305	.292	.184	.178	.172	.059	.058	.056	
4.0	.534	.496	.466	.458	.428	.405	.315	.298	.285	.182	.175	.169	.059	.057	.055	
5.0	.527	.486	.455	.452	.420	.396	.311	.293	.280	.180	.172	.166	.058	.056	.055	
6.0	.520	.478	.447	.447	.414	.389	.308	.289	.276	.179	.170	.164	.058	.056	.054	
7.0	.514	.471	.441	.442	.408	.384	.305	.286	.272	.177	.169	.162	.057	.055	.054	
8.0	.508	.465	.436	.437	.404	.380	.303	.283	.270	.176	.167	.161	.057	.055	.053	
9.0	.503	.461	.432	.433	.400	.377	.300	.281	.268	.175	.166	.160	.057	.054	.053	
10.0	.498	.457	.429	.429	.397	.375	.298	.279	.266	.174	.165	.159	.056	.054	.053	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Alan Wang
 Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 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	8.0	8.7	8.8	9.5	10.5	7.4	8.1	8.2	8.9	9.9
3H	8.7	9.3	9.5	10.1	11.2	8.1	8.8	9.0	9.6	10.7
4H	8.9	9.5	9.8	10.4	11.5	8.4	9.0	9.3	9.9	11.0
6H	9.1	9.7	10.0	10.5	11.7	8.6	9.2	9.6	10.1	11.2
8H	9.2	9.7	10.1	10.6	11.7	8.6	9.2	9.6	10.1	11.2
12H	9.2	9.7	10.2	10.6	11.8	8.6	9.1	9.5	10.0	11.1
4H 2H	8.0	8.6	8.9	9.5	10.6	7.5	8.1	8.4	9.0	10.1
3H	8.9	9.4	9.8	10.3	11.5	8.4	8.9	9.4	9.9	11.0
4H	9.2	9.7	10.2	10.6	11.8	8.8	9.3	9.8	10.2	11.4
6H	9.5	9.9	10.5	10.9	12.1	9.1	9.5	10.1	10.4	11.7
8H	9.7	10.0	10.7	11.0	12.2	9.1	9.5	10.1	10.5	11.7
12H	9.7	10.1	10.8	11.0	12.3	9.1	9.4	10.1	10.4	11.6
8H 4H	9.2	9.6	10.2	10.5	11.8	8.8	9.2	9.8	10.2	11.4
6H	9.6	9.9	10.6	10.9	12.2	9.2	9.5	10.2	10.5	11.7
8H	9.8	10.1	10.8	11.1	12.4	9.2	9.5	10.3	10.5	11.8
12H	10.0	10.2	11.0	11.2	12.6	9.2	9.4	10.2	10.4	11.7
12H 4H	9.1	9.5	10.2	10.5	11.7	8.8	9.1	9.8	10.1	11.4
6H	9.6	9.8	10.6	10.8	12.2	9.1	9.4	10.2	10.4	11.7
8H	9.8	10.0	10.9	11.0	12.4	9.2	9.4	10.3	10.5	11.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 1.1 / - 0.4					+ 0.5 / - 0.4				
2.0H	+ 0.6 / - 0.6					+ 0.7 / - 0.5				

CIE Pub.117, 2170 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.7$)
Area: 0.026533 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

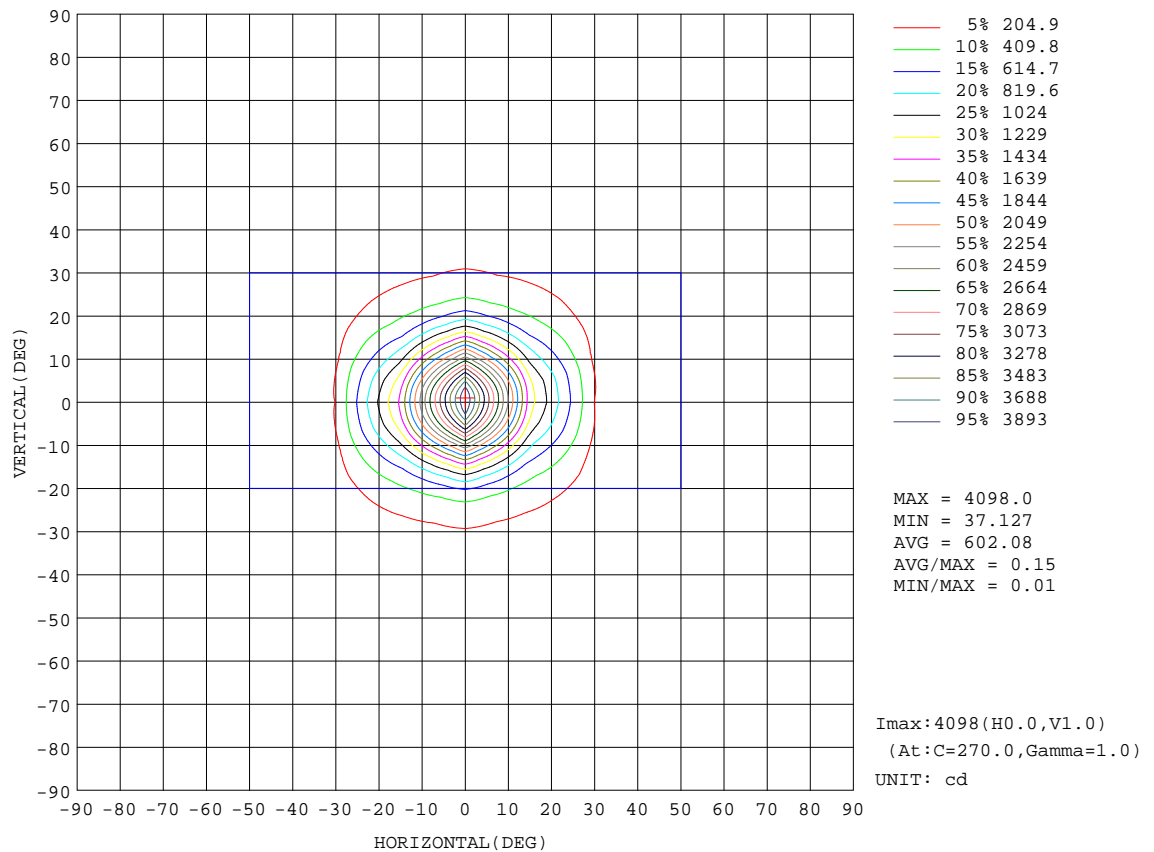
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	49	44	55	47	43	50	44	41	34
0.80	66	57	52	62	55	50	56	51	47	38
1.00	72	63	57	68	60	55	60	55	51	40
1.25	77	69	63	73	66	61	64	59	56	42
1.50	81	73	68	76	70	65	67	62	59	44
2.00	87	80	74	81	75	70	70	66	63	45
2.50	90	84	79	84	78	74	72	69	66	46
3.00	93	87	82	86	81	78	74	71	68	46
4.00	96	91	88	89	85	82	76	74	72	47
5.00	98	94	91	91	88	85	77	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: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Alan Wang
 Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

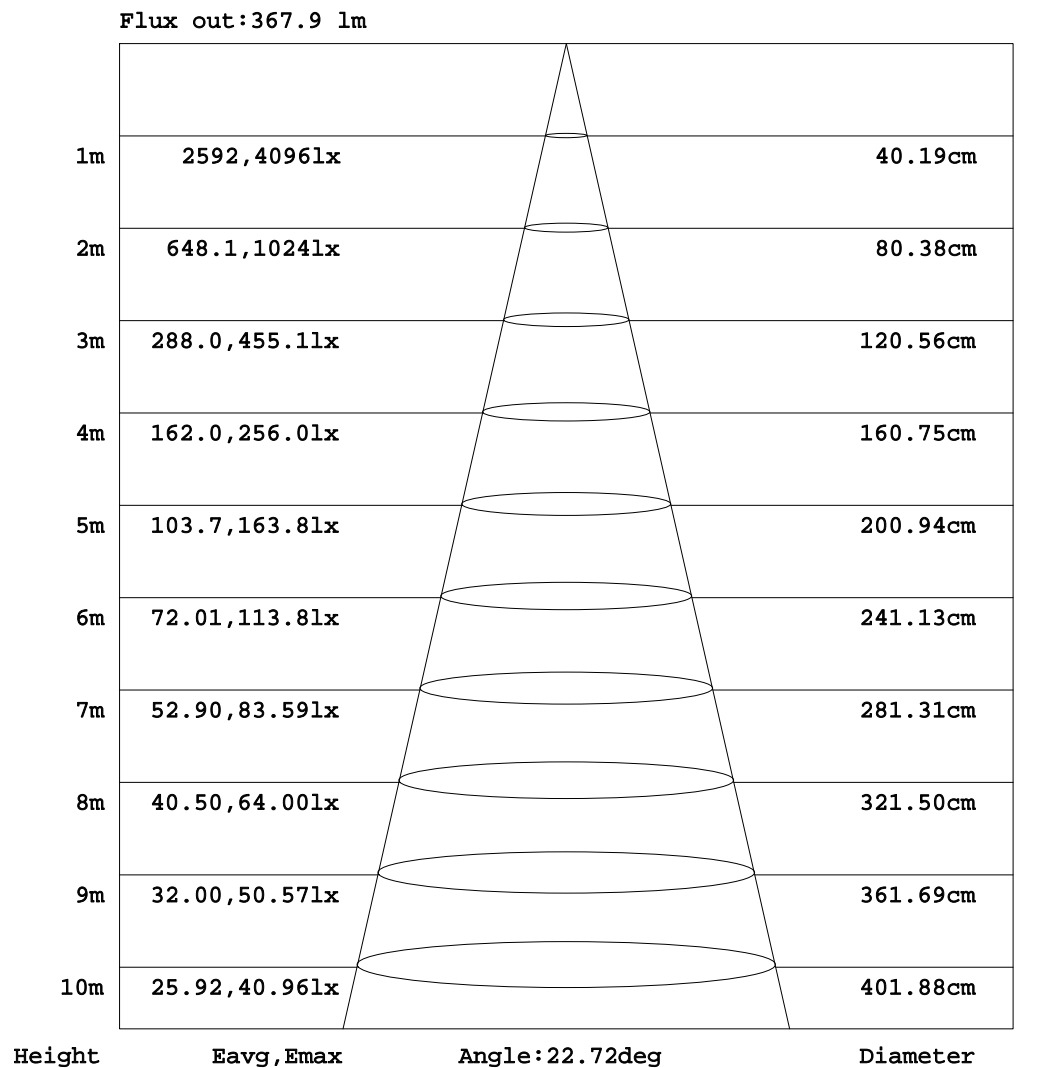


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Alan Wang
 Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

AAI Figure

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



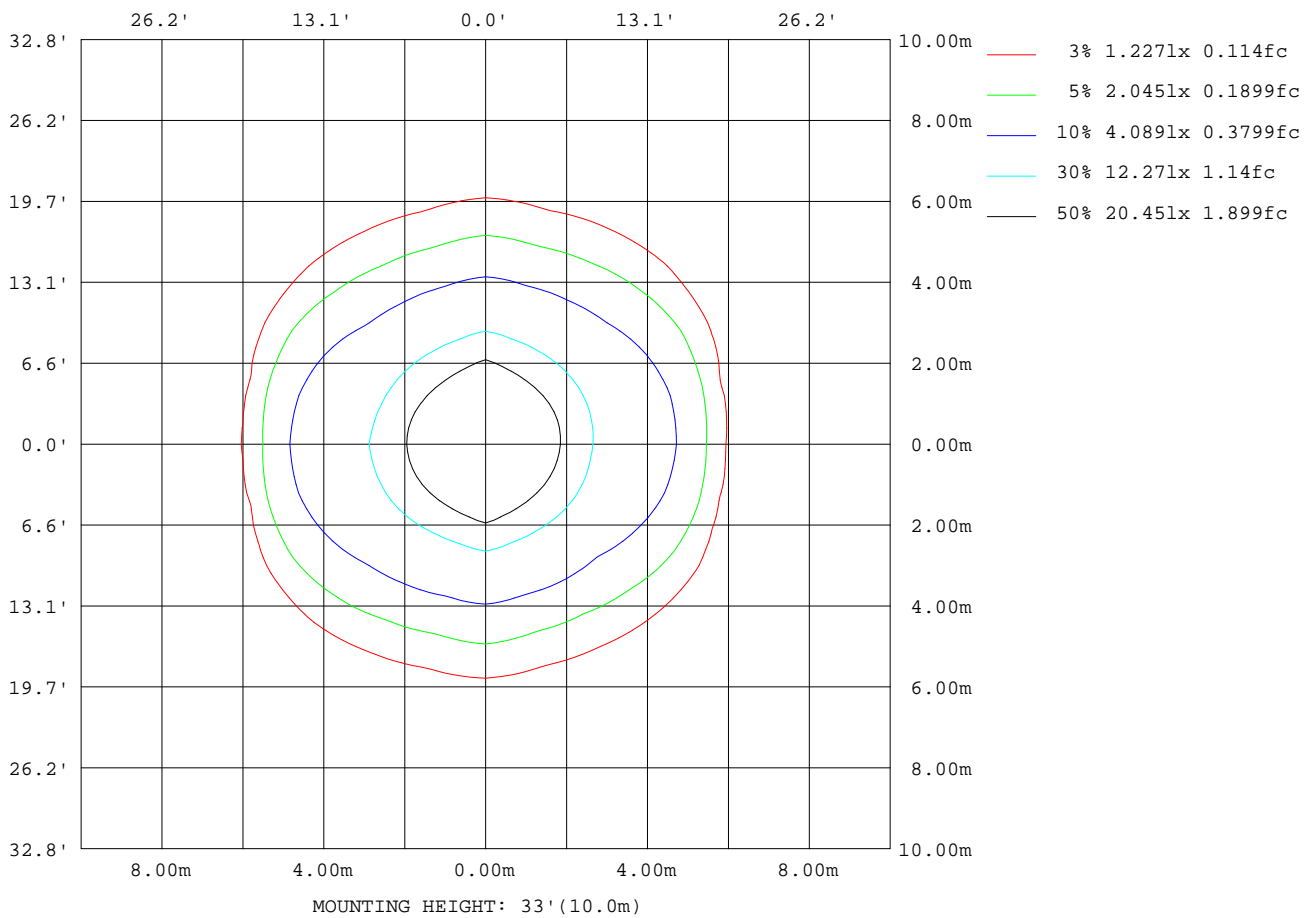
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:Alan Wang
 Test Date:17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance:2.500m [K=1.0461]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 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: 25.1DEG
 Operators: Alan Wang
 Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

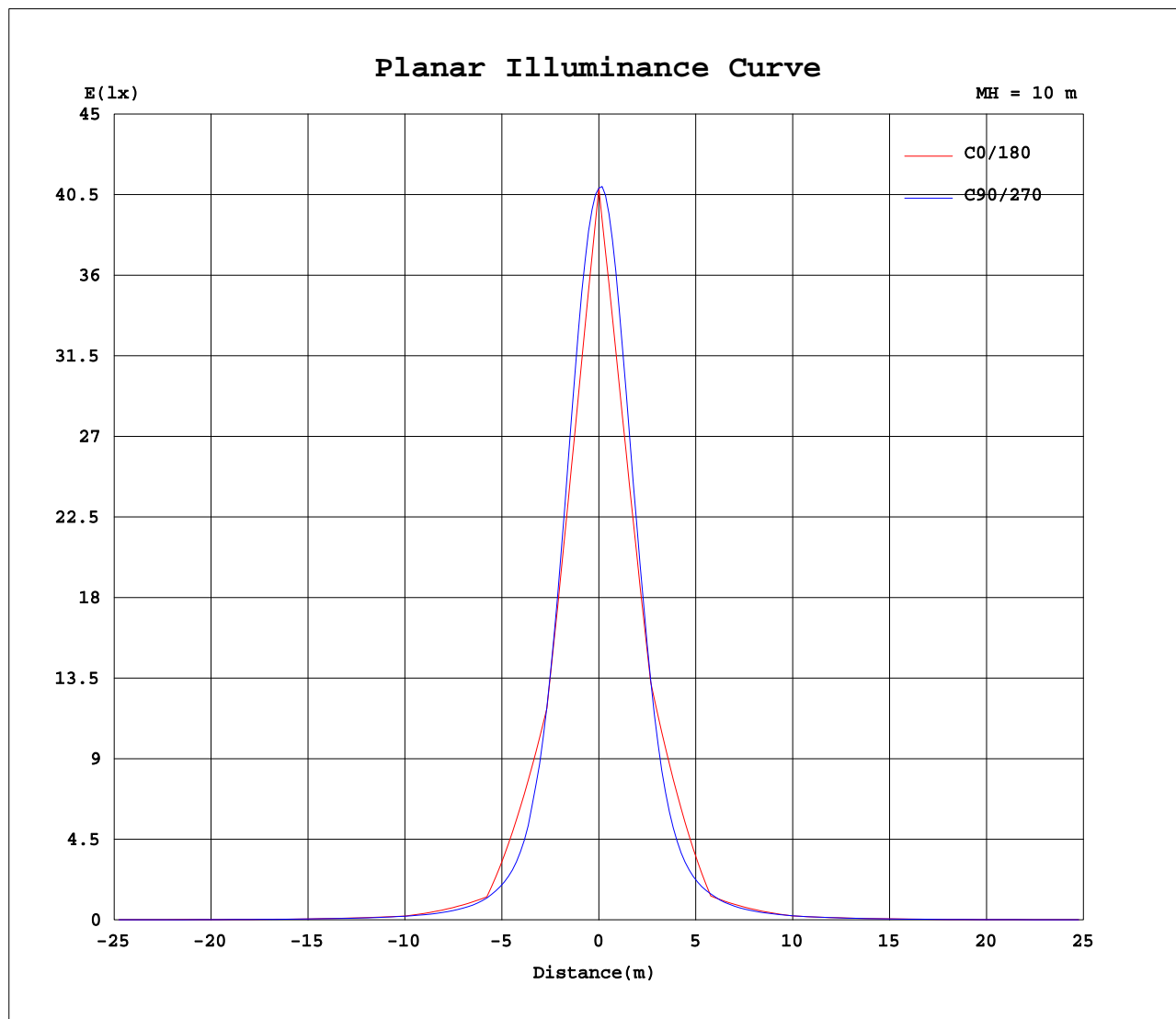
AvgL	cd/m2
L_0~180(65)av	2011
L_0~180(75)av	1569
L_0~180(85)av	1573
L_90~270(65)av	1938
L_90~270(75)av	1596
L_90~270(85)av	257
L_45(65)av	1960
L_45(75)av	1609
L_45(85)av	1390

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 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	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086	4086
5	3161	3146	3148	3175	3243	3366	3548	3382	3273	3218	3200	3201	3215	3240	3261	3296	3367	3488	3666
10	2236	2193	2154	2118	2121	2200	2400	2227	2177	2202	2259	2309	2344	2339	2301	2264	2276	2363	2572
15	1311	1280	1250	1202	1163	1187	1321	1213	1223	1306	1402	1454	1473	1447	1405	1353	1317	1339	1488
20	941	858	715	603	588	584	635	603	636	702	846	988	1051	979	838	705	671	661	728
25	570	522	431	348	307	298	326	308	338	404	502	595	629	591	504	402	359	344	374
30	199	226	234	207	186	177	190	183	201	233	263	244	206	248	268	240	218	206	224
35	154	143	124	127	120	114	120	117	128	137	132	151	159	155	138	144	141	133	140
40	108	103	92.0	81.1	82.4	79.2	81.3	81.9	85.7	86.6	98.0	108	111	111	103	91.3	94.1	91.4	94.4
45	62.7	65.1	66.0	61.7	59.5	59.2	60.4	60.8	62.3	65.5	69.4	67.3	64.0	68.8	72.2	68.8	66.5	66.5	67.1
50	51.2	49.4	46.7	47.1	45.1	45.2	45.8	46.6	47.2	49.0	48.0	50.7	52.3	51.5	49.3	51.0	49.2	48.9	49.6
55	39.6	38.9	37.4	35.4	35.3	34.8	35.9	35.8	36.6	36.6	38.4	39.8	40.5	40.3	39.4	37.5	37.6	37.1	37.7
60	28.1	28.5	28.6	27.8	27.3	27.2	27.8	27.9	28.5	29.1	29.6	29.3	28.7	29.4	30.1	29.6	29.1	28.4	29.1
65	22.2	21.9	21.2	21.0	20.9	21.0	21.4	21.6	21.9	22.3	22.2	22.8	22.9	22.8	22.4	22.4	22.0	21.6	22.1
70	16.3	16.1	15.8	15.2	15.0	15.2	15.7	15.9	16.4	16.5	17.1	17.2	17.0	17.0	16.8	16.3	15.9	15.0	16.0
75	10.5	10.4	10.5	10.3	9.72	10.3	11.0	11.5	11.5	11.7	11.9	11.6	11.1	11.2	11.4	11.2	10.5	9.54	11.0
80	7.00	6.81	6.48	5.72	4.89	5.64	6.19	6.15	5.93	7.06	7.65	7.62	7.41	7.38	7.14	6.47	5.46	4.14	6.24
85	3.54	3.45	3.28	2.87	1.70	0.91	0.33	0.99	2.11	3.52	3.85	3.84	3.73	3.72	3.60	3.25	2.01	0.53	0.86
90	0.09	0.09	0.09	0.11	0.13	0.14	0.13	0.12	0.10	0.08	0.06	0.06	0.06	0.06	0.07	0.09	0.12	0.15	0.05
95	4.03	4.14	4.13	3.72	2.43	1.19	1.16	1.43	2.71	3.69	4.06	4.12	4.16	4.17	4.16	3.67	2.29	1.05	0.47
100	7.96	8.18	8.20	7.42	6.61	6.97	7.45	7.23	6.72	7.39	8.08	8.18	8.26	8.29	8.26	7.34	6.28	6.47	6.48
105	11.9	12.4	13.0	12.7	12.7	12.8	12.8	12.6	12.2	12.6	12.8	12.5	12.4	12.6	13.0	12.4	12.1	12.0	11.7
110	18.5	18.7	18.9	18.4	18.5	18.3	18.4	18.2	18.1	18.3	18.8	18.9	18.9	18.9	18.7	18.0	17.7	17.3	17.1
115	25.1	25.0	24.8	25.2	25.0	25.0	24.9	24.7	24.7	25.0	24.9	25.4	25.5	25.2	24.5	24.6	24.2	23.7	23.6
120	31.8	32.5	33.5	33.2	32.8	32.3	32.5	32.0	32.4	32.9	33.5	32.9	32.1	32.8	33.2	32.5	31.8	31.2	31.1
125	45.3	45.3	44.1	42.0	42.6	42.0	42.0	41.1	41.9	41.7	43.8	45.2	45.7	45.5	43.8	41.5	41.8	40.8	40.7
130	58.9	58.4	55.6	57.9	55.9	55.1	55.0	54.2	54.1	56.5	54.7	57.8	59.2	58.5	55.4	57.0	54.6	53.5	53.1
135	72.5	78.1	82.9	79.0	75.3	74.7	74.3	73.3	73.6	76.2	80.9	77.2	72.8	78.2	81.5	77.4	73.0	72.0	71.3
140	125	125	118	106	108	103	104	101	105	103	116	125	127	125	116	104	103	98.3	99.0
145	177	173	159	166	160	150	156	149	156	160	159	176	180	175	157	161	153	142	146
150	230	269	294	270	244	227	240	225	236	254	285	272	234	271	290	260	234	215	225
155	608	602	533	443	392	366	388	359	370	412	504	597	629	604	519	428	371	343	361
160	986	970	862	746	699	674	728	662	672	698	818	964	1024	979	840	716	656	627	661
165	1364	1410	1405	1366	1325	1332	1463	1319	1298	1326	1375	1408	1420	1419	1376	1292	1218	1210	1313
170	2232	2261	2261	2246	2262	2347	2550	2338	2247	2232	2255	2270	2269	2248	2213	2162	2134	2188	2363
175	3100	3122	3166	3220	3303	3426	3604	3425	3302	3221	3170	3131	3119	3110	3115	3144	3207	3312	3474
180	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969	3969

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

Operators: Alan Wang

Test Date: 17 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 40.3%

Test Distance: 2.500m [K=1.0461]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1262A P:15.09W PF:0.9962 Freq:60.00Hz Lamp Flux:2169.88x1 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	4086	4086	4086	4086	4086														
5	3482	3355	3274	3228	3194														
10	2361	2268	2245	2263	2266														
15	1345	1325	1347	1374	1364														
20	669	690	724	826	933														
25	351	374	424	507	571														
30	210	228	252	274	243														
35	135	144	152	142	152														
40	92.9	96.6	95.3	105	109														
45	67.5	67.9	70.3	73.2	68.3														
50	49.8	50.0	51.7	49.2	51.3														
55	37.7	38.3	37.7	39.1	40.0														
60	29.1	29.2	29.6	29.8	28.9														
65	22.5	22.1	22.2	22.1	22.3														
70	17.0	16.4	16.1	16.7	16.6														
75	12.5	11.3	11.1	11.4	10.9														
80	8.09	6.18	6.42	7.16	7.14														
85	3.39	2.50	3.22	3.61	3.61														
90	0.15	0.12	0.10	0.08	0.08														
95	0.92	1.86	3.17	3.71	3.93														
100	5.89	5.40	6.35	7.36	7.78														
105	11.2	10.8	11.5	11.9	11.9														
110	16.7	16.7	17.2	17.9	18.3														
115	23.4	23.4	23.9	23.9	24.8														
120	30.7	31.0	31.6	32.4	32.3														
125	39.7	40.3	40.2	42.6	44.4														
130	52.6	52.5	54.5	53.5	56.8														
135	70.2	70.6	73.5	78.2	75.7														
140	95.9	98.8	98.4	111	121														
145	138	147	151	151	169														
150	211	221	238	263	258														
155	334	344	379	459	554														
160	611	613	628	742	890														
165	1187	1166	1210	1270	1313														
170	2168	2095	2103	2143	2186														
175	3302	3188	3119	3088	3086														
180	3969	3969	3969	3969	3969														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

Operators: Alan Wang

Test Date: 17 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 40.3%

Test Distance: 2.500m [K=1.0461]

Remarks: