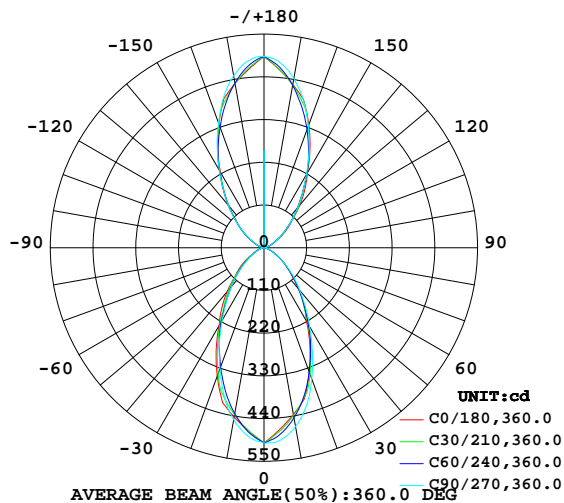


LUMINAIRE PHOTOMETRIC TEST REPORT

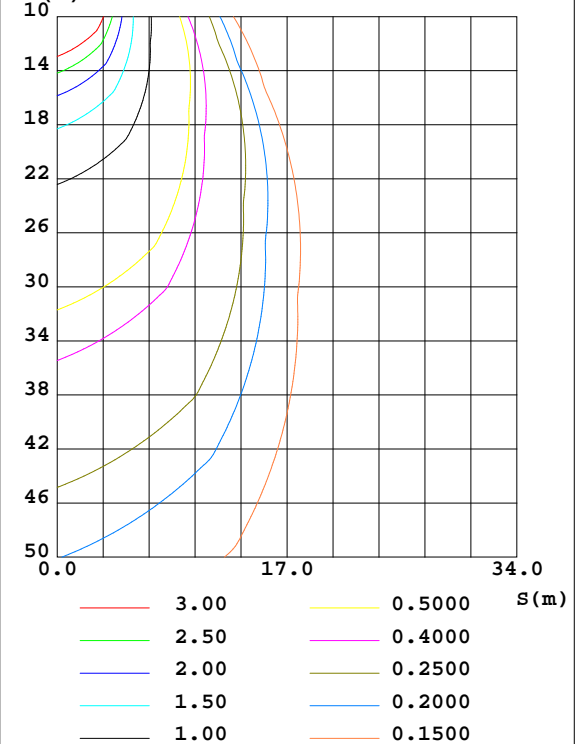
Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1114.63x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.27 lm/W			
MODEL	INDFPS010UNHD8SC2R3BZP	I _{max} (cd)	503.1	S/MH(C0/180)	0.84
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.79
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1114.6	η UP,DN(C0-180)	24.5,25.8
NOMINAL FLUX(lm)	1114.63	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.3,24.4
LAMPS INSIDE	1	η up(%)	49.8	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	50.2	CIBSE SHR MAX	0.90

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	436.0	440.1	467.3	445.9	442.5	433.9	449.3	427.9	0- 10	44.39	44.39	3.98,3.98
20	341.5	347.2	360.0	355.6	352.1	340.6	331.7	330.2	10- 20	110.5	154.9	13.9,13.9
30	218.9	227.9	235.6	237.1	231.2	223.6	216.3	215.1	20- 30	128.8	283.7	25.5,25.5
40	139.9	137.4	144.0	145.4	148.0	135.1	130.6	129.7	30- 40	111.3	395.1	35.4,35.4
50	77.88	77.42	79.84	81.96	82.90	75.03	70.22	71.07	40- 50	80.95	476.0	42.7,42.7
60	32.94	37.39	36.79	40.47	35.91	35.89	31.57	33.59	50- 60	48.74	524.8	47.1,47.1
70	15.73	14.72	14.91	16.19	17.37	13.81	11.81	12.62	60- 70	23.58	548.3	49.2,49.2
80	4.761	4.206	4.568	4.812	5.413	3.769	3.026	3.235	70- 80	9.105	557.5	50,50
90	0.0371	0.0628	0.0875	0.0549	0.0317	0.0416	0.0371	0.0415	80- 90	2.139	559.6	50.2,50.2
100	4.760	3.340	3.201	3.480	4.878	3.880	3.607	3.757	90-100	1.951	561.5	50.4,50.4
110	16.41	13.74	13.00	13.95	16.54	14.94	13.53	14.78	100-110	8.824	570.4	51.2,51.2
120	34.99	36.29	34.40	36.56	35.00	39.06	36.27	38.73	110-120	23.91	594.3	53.3,53.3
130	80.72	75.76	74.48	75.72	80.69	80.40	79.12	79.09	120-130	49.73	644.0	57.8,57.8
140	143.6	135.4	134.2	134.7	143.6	141.8	141.8	139.7	130-140	81.68	725.7	65.1,65.1
150	223.7	221.9	219.8	218.7	223.8	228.6	230.4	225.8	140-150	111.1	836.8	75.1,75.1
160	337.6	333.6	333.6	330.7	340.1	339.6	342.8	336.0	150-160	126.8	963.6	86.5,86.5
170	427.2	424.1	443.2	423.9	429.7	428.4	450.8	427.1	160-170	107.6	1071	96.1,96.1
180	492.4	492.4	492.4	492.4	492.4	492.4	492.4	492.4	170-180	43.37	1115	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 439.81 lm

%lum = 39.5%

%lamp = 39.5%

Conical surface Flux(120deg): 524.77 lm

%lum = 47.1%

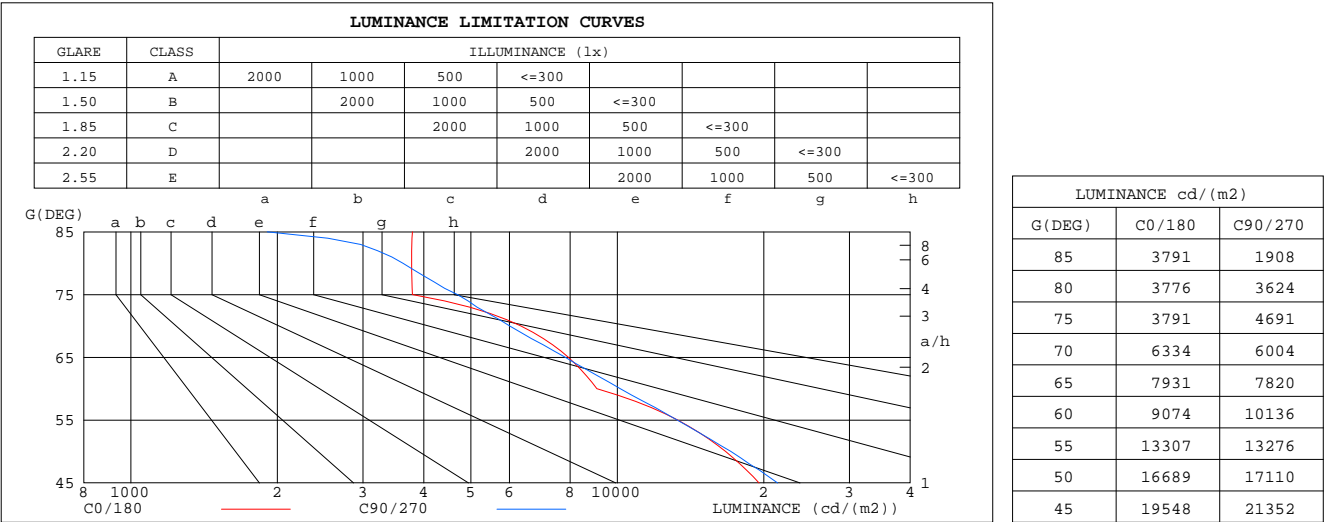
%lamp = 47.1%

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:1114.63x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



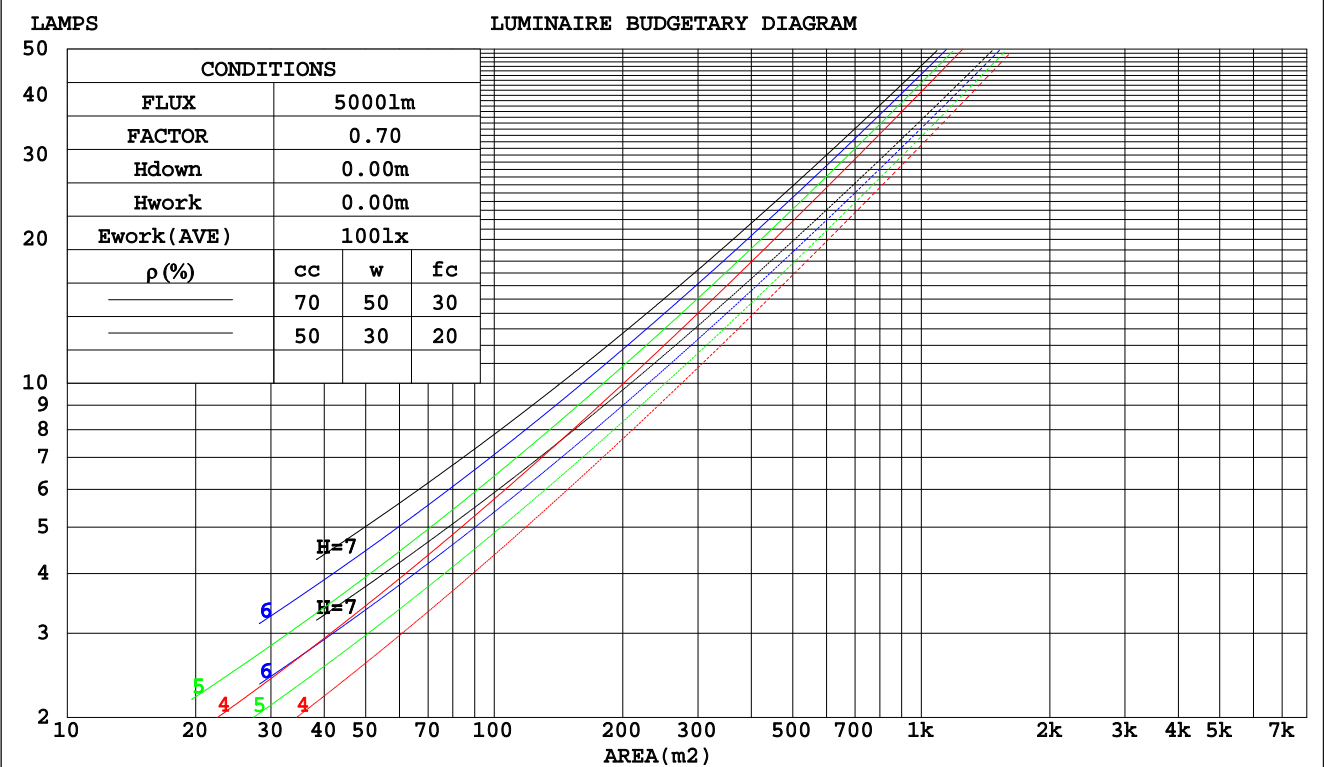
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

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:1114.63x1 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						Coefficients of Utilization(CU)										
0.0	1.07	1.07	1.07	.99	.99	.99	.83	.83	.83	.69	.69	.69	.56	.56	.56	.50	
1.0	.96	.92	.89	.89	.86	.83	.75	.73	.72	.63	.62	.61	.52	.51	.50	.45	
2.0	.85	.80	.76	.79	.75	.71	.68	.65	.62	.57	.55	.53	.48	.46	.45	.40	
3.0	.76	.70	.65	.71	.66	.61	.61	.57	.54	.52	.49	.47	.44	.42	.40	.36	
4.0	.69	.62	.57	.64	.58	.54	.56	.51	.48	.48	.45	.42	.40	.38	.36	.33	
5.0	.62	.55	.50	.58	.52	.47	.51	.46	.42	.44	.40	.38	.37	.35	.33	.30	
6.0	.57	.50	.44	.53	.47	.42	.47	.42	.38	.40	.37	.34	.35	.32	.30	.27	
7.0	.52	.45	.40	.49	.42	.38	.43	.38	.34	.37	.34	.31	.32	.29	.27	.25	
8.0	.48	.41	.36	.45	.39	.34	.40	.35	.31	.35	.31	.28	.30	.27	.25	.23	
9.0	.44	.37	.33	.42	.35	.31	.37	.32	.29	.32	.29	.26	.28	.25	.23	.21	
10.0	.41	.34	.30	.39	.33	.29	.34	.30	.26	.30	.27	.24	.27	.24	.22	.20	



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:1114.63x1 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	.240	.136	.043	.218	.124	.039	.177	.101	.032	.139	.080	.026	.104	.060	.019	
2.0	.225	.124	.038	.206	.113	.035	.168	.094	.029	.134	.075	.024	.102	.058	.018	
3.0	.211	.112	.034	.193	.103	.031	.159	.086	.026	.127	.070	.021	.098	.054	.017	
4.0	.197	.102	.030	.181	.095	.028	.149	.079	.024	.121	.065	.020	.094	.051	.015	
5.0	.185	.094	.027	.169	.087	.025	.141	.073	.022	.114	.060	.018	.089	.048	.014	
6.0	.173	.087	.025	.159	.080	.023	.133	.068	.020	.108	.056	.016	.085	.045	.013	
7.0	.163	.080	.023	.150	.075	.021	.125	.063	.018	.102	.052	.015	.081	.042	.012	
8.0	.153	.075	.021	.141	.070	.020	.119	.059	.017	.097	.049	.014	.077	.039	.011	
9.0	.145	.070	.020	.134	.065	.018	.112	.056	.016	.092	.046	.013	.073	.037	.011	
10.0	.137	.066	.018	.127	.061	.017	.107	.052	.015	.088	.044	.012	.070	.035	.010	

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	.570	.570	.570	.487	.487	.487	.332	.332	.332	.191	.191	.191	.061	.061	.061	
1.0	.558	.539	.522	.477	.463	.450	.327	.318	.311	.188	.184	.181	.060	.059	.058	
2.0	.548	.517	.491	.470	.445	.425	.322	.308	.296	.186	.179	.174	.060	.058	.057	
3.0	.540	.501	.470	.463	.432	.407	.318	.300	.286	.184	.175	.168	.059	.057	.055	
4.0	.533	.489	.455	.457	.422	.395	.314	.294	.278	.182	.172	.165	.059	.056	.054	
5.0	.526	.479	.444	.452	.414	.386	.311	.290	.273	.180	.170	.162	.058	.055	.053	
6.0	.520	.471	.436	.447	.408	.380	.308	.286	.269	.179	.168	.160	.058	.055	.053	
7.0	.514	.465	.430	.442	.403	.375	.306	.283	.266	.178	.166	.158	.057	.055	.052	
8.0	.509	.460	.426	.438	.399	.371	.303	.280	.263	.176	.165	.157	.057	.054	.052	
9.0	.504	.455	.422	.434	.395	.369	.301	.278	.262	.175	.164	.156	.057	.054	.052	
10.0	.499	.451	.420	.430	.392	.366	.298	.276	.260	.174	.163	.155	.056	.054	.051	

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:1114.63x1 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	17.1	18.0	18.0	18.8	19.8	17.2	18.0	18.0	18.8	19.9	
	3H	17.4	18.1	18.3	19.0	20.1	17.4	18.1	18.2	19.0	20.1
	4H	17.4	18.1	18.3	19.0	20.1	17.4	18.1	18.3	18.9	20.1
	6H	17.3	18.0	18.2	18.9	20.0	17.3	18.0	18.2	18.9	20.0
	8H	17.3	17.9	18.2	18.8	19.9	17.3	17.9	18.2	18.8	19.9
	12H	17.2	17.8	18.2	18.7	19.9	17.2	17.8	18.1	18.7	19.9
4H	2H	17.1	17.8	18.0	18.6	19.7	17.1	17.8	18.0	18.7	19.8
	3H	17.4	18.0	18.4	18.9	20.1	17.4	18.0	18.3	18.9	20.0
	4H	17.5	18.0	18.4	18.9	20.1	17.4	18.0	18.4	18.9	20.1
	6H	17.4	17.9	18.4	18.8	20.1	17.4	17.9	18.4	18.8	20.1
	8H	17.4	17.8	18.4	18.8	20.0	17.4	17.8	18.4	18.8	20.0
	12H	17.4	17.8	18.4	18.7	20.0	17.3	17.7	18.3	18.7	19.9
8H	4H	17.3	17.7	18.3	18.7	19.9	17.3	17.7	18.3	18.7	19.9
	6H	17.3	17.7	18.3	18.7	19.9	17.3	17.7	18.3	18.6	19.9
	8H	17.3	17.6	18.4	18.6	19.9	17.3	17.6	18.3	18.6	19.9
	12H	17.4	17.6	18.4	18.6	19.9	17.3	17.5	18.3	18.5	19.8
12H	4H	17.2	17.6	18.2	18.6	19.8	17.2	17.6	18.2	18.6	19.8
	6H	17.3	17.6	18.3	18.6	19.9	17.3	17.5	18.3	18.5	19.9
	8H	17.3	17.5	18.3	18.6	19.9	17.2	17.5	18.3	18.5	19.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 1.1					+ 0.8 / - 1.1					
1.5H	+ 0.7 / - 0.4					+ 0.7 / - 0.7					
2.0H	+ 1.6 / - 2.0					+ 1.8 / - 1.8					

CIE Pub.117, 1115 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:1114.63x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

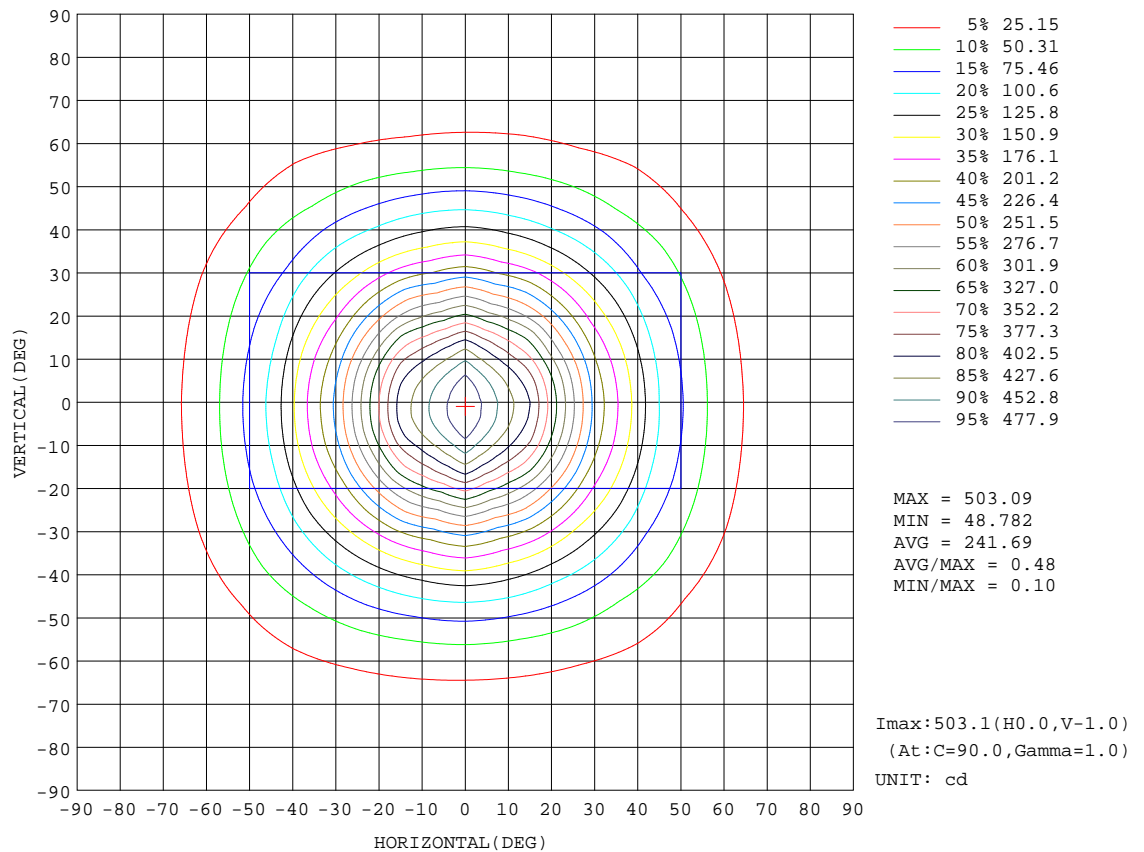
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	43	37	50	41	36	45	38	34	27
0.80	61	51	46	58	49	44	52	45	41	31
1.00	68	59	52	64	56	50	57	51	46	35
1.25	74	65	59	70	62	56	61	56	51	38
1.50	79	70	64	74	66	61	64	59	55	40
2.00	85	77	71	79	73	68	69	64	60	42
2.50	89	82	76	82	77	72	71	67	64	44
3.00	92	85	80	85	80	76	73	69	66	45
4.00	95	90	86	88	84	80	76	73	70	46
5.00	98	93	89	90	87	84	77	75	72	47
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:1114.63x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



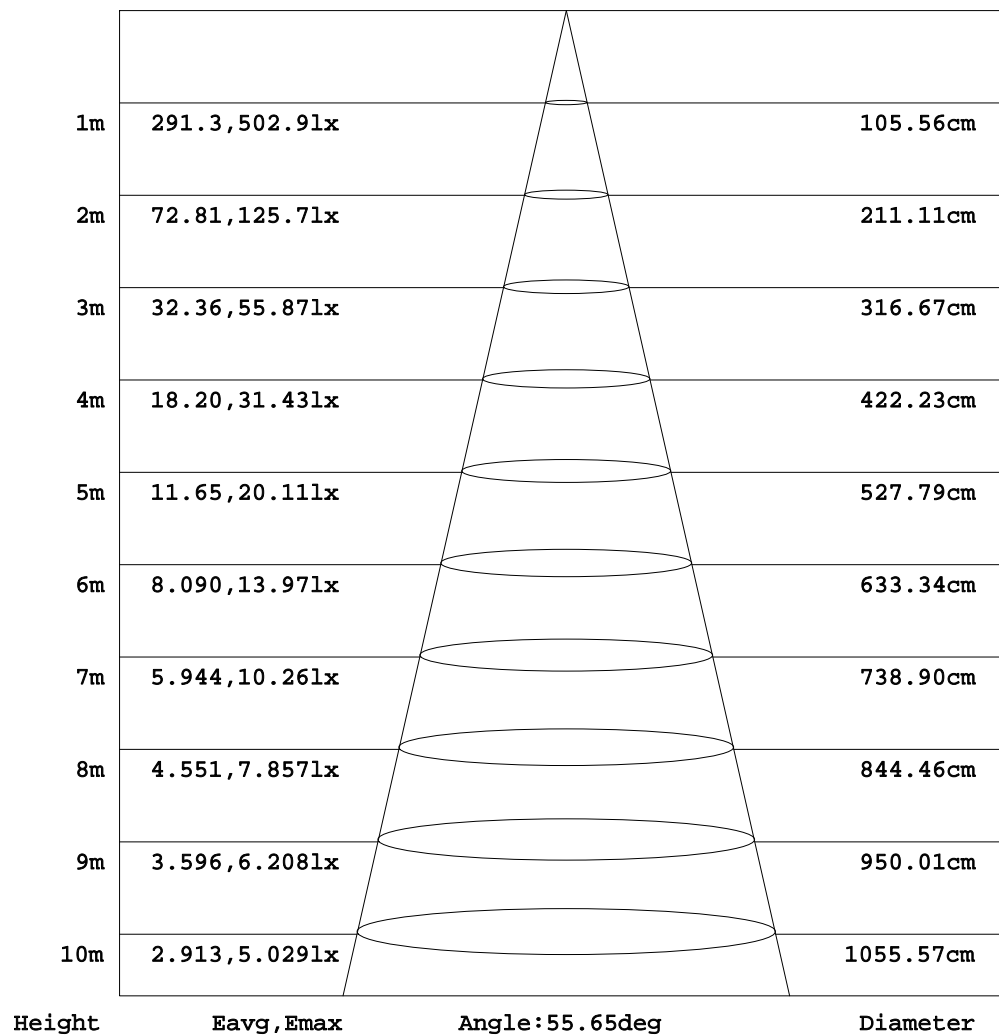
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

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:1114.63x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:258.7 lm



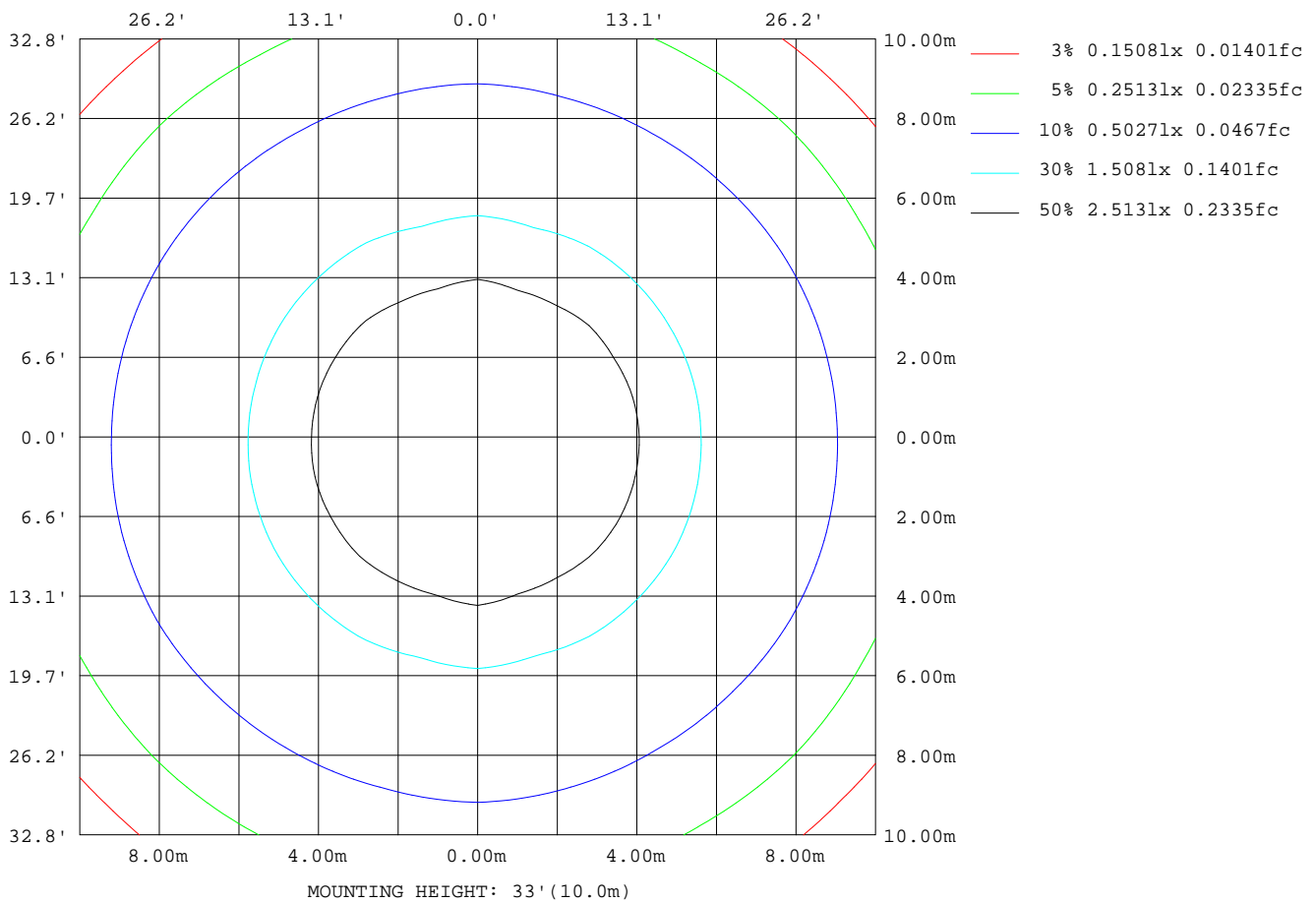
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1114.63x1 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:1114.63x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

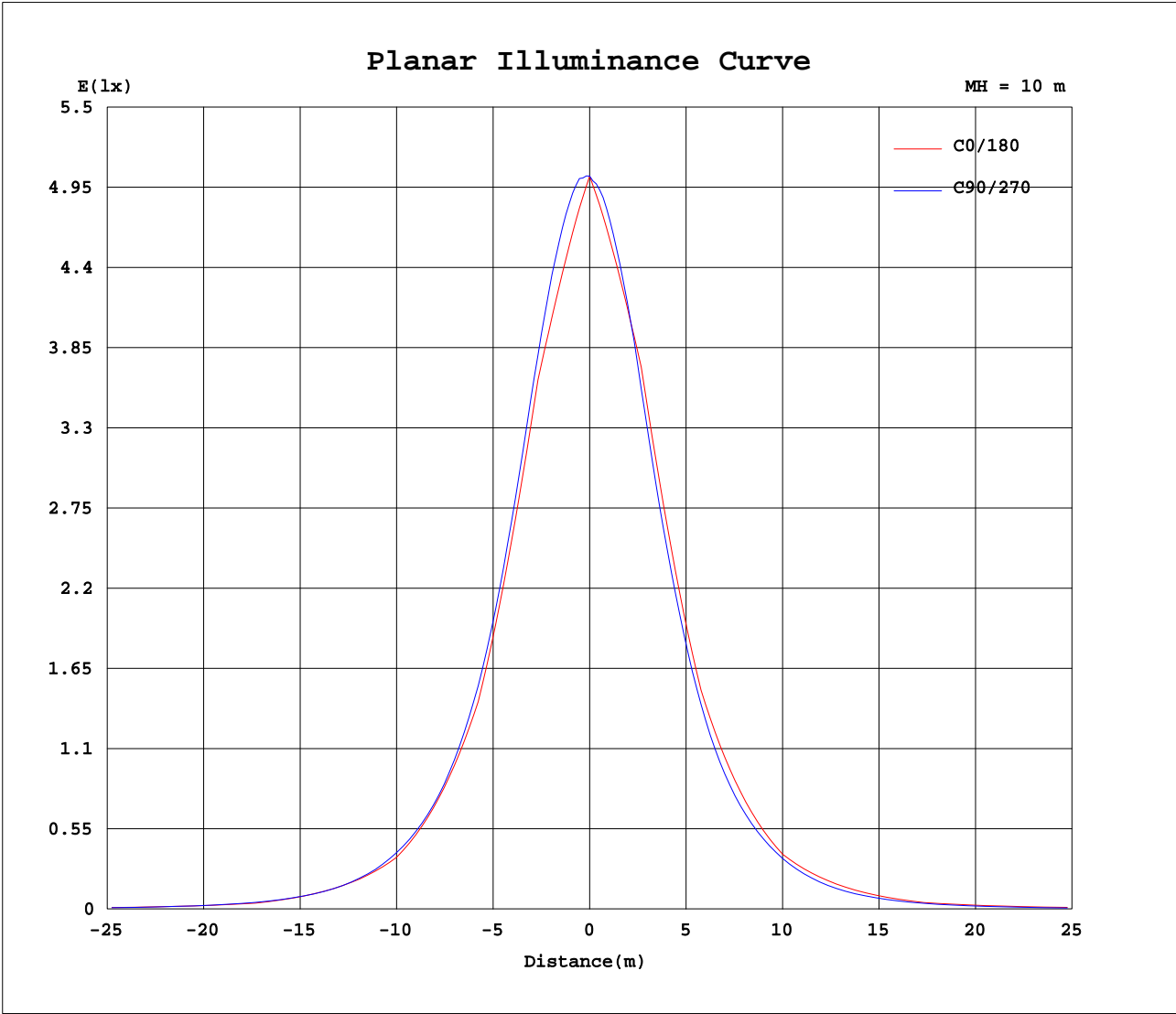
AvgL	cd/m2
L_0~180(65)av	8308
L_0~180(75)av	4052
L_0~180(85)av	4047
L_90~270(65)av	7190
L_90~270(75)av	4085
L_90~270(85)av	1209
L_45(65)av	7689
L_45(75)av	4649
L_45(85)av	3176

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	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Temperature: 25.0DEG	Humidity: 40.9%
Operators:Alan Wang	Test Distance:2.500m [K=1.0461]
Test Date:22 October 2024	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0660A P:7.89W PF:0.9961 Freq:60.00Hz Lamp Flux:1114.63x1 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	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503
5	469	470	473	477	482	489	497	490	484	480	477	474	473	471	471	473	475	480	486
10	436	437	438	440	445	453	467	455	448	446	446	445	443	440	437	434	434	439	449
15	403	402	399	397	396	404	421	406	401	403	410	414	412	407	399	389	384	384	396
20	341	343	347	347	340	343	360	346	347	356	356	356	352	349	346	341	327	322	332
25	280	283	285	285	284	281	295	285	291	295	294	295	292	289	284	280	273	264	272
30	219	223	227	228	230	225	236	229	237	237	237	235	231	229	227	224	221	210	216
35	179	180	177	179	180	179	186	181	185	187	187	190	190	185	177	175	171	165	169
40	140	141	141	137	139	140	144	142	143	145	149	150	148	145	140	135	131	129	131
45	100	103	106	106	105	108	110	109	110	111	113	110	106	106	106	103	99.0	98.6	98.3
50	77.9	78.0	76.1	77.4	77.1	77.8	79.8	79.4	81.1	82.0	81.5	83.6	82.9	80.4	75.9	75.0	72.2	70.3	70.2
55	55.4	56.4	56.0	52.7	54.4	54.1	55.3	55.2	57.1	56.9	60.5	60.7	59.4	58.2	55.9	50.9	50.2	47.9	48.0
60	32.9	35.1	37.6	37.4	36.6	36.2	36.8	37.2	38.3	40.5	40.8	38.0	35.9	36.4	37.3	35.9	33.2	31.3	31.6
65	24.3	24.4	23.2	24.1	23.6	23.8	24.0	24.5	25.0	26.2	25.3	26.6	26.6	25.4	22.9	22.8	21.1	19.5	20.1
70	15.7	16.0	15.8	14.7	14.9	14.7	14.9	15.2	16.0	16.2	17.4	17.6	17.4	16.7	15.5	13.8	12.9	11.1	11.8
75	7.12	7.63	8.62	9.04	8.37	8.44	8.81	8.84	9.24	10.1	9.65	8.63	8.10	8.04	8.46	8.32	6.92	5.60	6.54
80	4.76	4.71	4.51	4.21	4.49	4.43	4.57	4.72	5.06	4.81	5.15	5.36	5.41	4.96	4.41	3.77	3.40	2.15	3.03
85	2.40	2.37	2.27	2.12	1.84	1.24	1.21	1.45	2.14	2.42	2.59	2.69	2.72	2.49	2.21	1.88	1.22	0.25	0.32
90	0.04	0.03	0.05	0.06	0.08	0.09	0.09	0.08	0.07	0.05	0.04	0.03	0.03	0.03	0.03	0.04	0.06	0.08	0.04
95	2.40	2.26	2.00	1.68	1.25	0.53	0.49	0.66	1.34	1.75	2.07	2.32	2.45	2.39	2.24	1.95	1.63	1.10	0.91
100	4.76	4.49	3.98	3.34	3.44	3.09	3.20	3.35	3.58	3.48	4.12	4.61	4.88	4.76	4.46	3.88	4.12	3.83	3.61
105	7.12	7.35	7.95	8.07	7.05	6.84	7.01	7.06	7.18	8.26	8.15	7.52	7.30	7.78	8.78	8.94	8.00	7.83	7.42
110	16.4	16.0	15.2	13.7	13.3	12.9	13.0	13.1	13.5	14.0	15.4	16.2	16.5	16.8	16.5	14.9	14.8	14.1	13.5
115	25.7	24.7	22.7	23.0	21.6	21.7	22.0	21.9	21.9	23.3	23.0	24.9	25.8	25.8	24.4	24.9	24.1	23.5	22.8
120	35.0	35.6	37.1	36.3	34.2	33.7	34.4	34.0	34.6	36.6	37.6	35.9	35.0	36.9	39.5	39.1	37.8	36.4	36.3
125	57.9	56.9	55.8	52.0	51.7	51.0	51.8	51.0	52.1	51.9	56.3	57.9	57.8	58.6	58.6	55.5	56.5	54.8	55.1
130	80.7	78.8	75.6	75.8	73.9	73.9	74.5	73.9	74.5	75.7	76.0	80.1	80.7	80.6	79.0	80.4	80.1	79.0	79.1
135	104	104	105	104	101	102	102	101	101	103	105	105	104	106	109	109	108	108	108
140	144	142	139	135	133	132	134	132	132	135	139	142	144	144	144	142	141	139	142
145	184	180	175	175	172	169	173	167	171	172	175	180	184	183	180	182	182	178	182
150	224	223	222	222	221	213	220	211	219	219	221	223	224	225	228	229	229	223	230
155	281	280	277	277	272	265	274	263	268	273	276	280	282	281	282	282	280	275	285
160	338	338	334	334	324	322	334	320	321	331	335	338	340	340	340	340	331	330	343
165	395	394	387	378	376	380	393	379	375	379	386	393	398	398	390	385	383	388	402
170	427	427	426	424	425	431	443	431	425	424	426	427	430	431	430	428	431	438	451
175	460	460	461	463	467	472	479	472	467	463	461	460	461	462	464	466	470	475	483
180	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492

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:1114.63x1 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	503	503	503	503	503														
5	479	473	470	468	467														
10	436	429	428	430	432														
15	382	377	379	387	397														
20	319	321	330	332	338														
25	261	265	271	272	277														
30	208	215	215	216	218														
35	163	167	168	169	175														
40	127	128	130	133	137														
45	96.6	95.9	98.2	100	100														
50	69.3	69.5	71.1	71.3	75.8														
55	47.3	47.9	47.9	52.3	54.5														
60	31.5	31.7	33.6	34.8	33.6														
65	20.8	20.0	21.2	21.2	23.2														
70	12.9	12.4	12.6	14.3	15.1														
75	7.73	6.84	7.53	7.62	7.12														
80	4.24	3.47	3.23	3.89	4.37														
85	1.50	1.32	1.61	1.96	2.20														
90	0.07	0.05	0.04	0.04	0.04														
95	0.94	1.53	1.88	2.16	2.33														
100	3.68	3.93	3.76	4.30	4.63														
105	7.43	7.70	8.77	8.48	7.57														
110	13.6	14.2	14.8	16.0	16.4														
115	22.7	23.2	24.7	23.9	25.3														
120	35.6	36.5	38.7	38.9	36.5														
125	53.8	55.0	54.8	58.0	58.4														
130	78.0	78.5	79.1	78.4	80.6														
135	107	106	107	109	106														
140	138	138	140	143	144														
145	176	178	179	180	183														
150	221	227	226	227	225														
155	273	277	279	280	281														
160	328	328	336	338	338														
165	387	382	383	388	392														
170	438	430	427	427	427														
175	475	469	465	462	461														
180	492	492	492	492	492														

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: