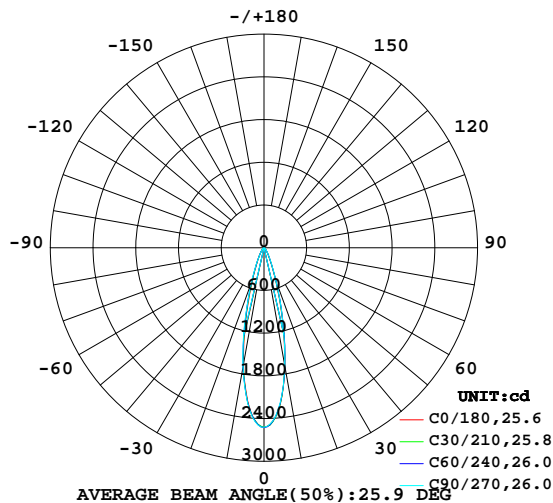


LUMINAIRE PHOTOMETRIC TEST REPORT

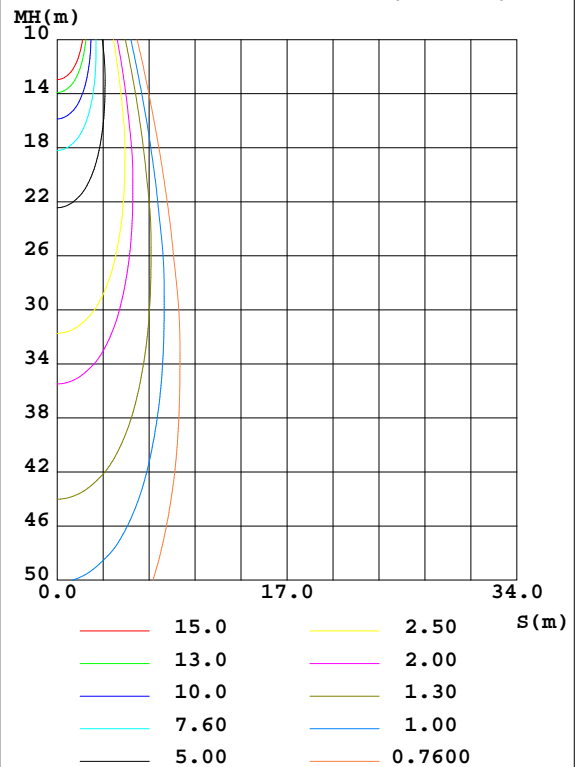
Test:U:120.0V I:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.37 lm/W			
MODEL	INDFPS010UNHD8SC2R3BZP	I _{max} (cd)	2527	S/MH(C0/180)	0.43
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	703.34	η UP,DN(C0-180)	0.1,49.4
NOMINAL FLUX(lm)	703.341	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.4
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	99.9	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: 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	1678	1693	1680	1644	1662	1691	1704	1705	0- 10	198.7	198.7	28.2,28.2
20	466.7	489.3	491.7	460.6	463.7	493.3	512.3	486.7	10- 20	269.7	468.4	66.6,66.6
30	126.8	129.2	135.2	132.2	134.9	137.9	140.6	131.0	20- 30	116.7	585.1	83.2,83.2
40	50.77	51.01	52.45	52.83	54.02	55.99	55.76	52.76	30- 40	52.98	638.0	90.7,90.7
50	25.32	25.16	25.41	25.62	26.07	26.87	27.18	25.93	40- 50	28.72	666.8	94.8,94.8
60	14.09	13.97	13.71	13.70	13.79	14.34	14.62	14.03	50- 60	17.22	684.0	97.2,97.2
70	7.849	7.938	7.522	7.403	7.385	7.834	8.008	7.835	60- 70	10.49	694.5	98.7,98.7
80	3.818	3.994	3.761	3.405	3.411	3.748	3.956	3.793	70- 80	5.923	700.4	99.6,99.6
90	0.0080	0.0065	0.0064	0.0068	0.0086	0.0086	0.0095	0.0101	80- 90	1.920	702.3	99.9,99.9
100	0.0067	0.0076	0.0076	0.0076	0.0124	0.0127	0.0133	0.0130	90-100	0.0095	702.3	99.9,99.9
110	0.0108	0.0108	0.0117	0.0114	0.0168	0.0174	0.0165	0.0162	100-110	0.0129	702.3	99.9,99.9
120	0.0190	0.0199	0.0196	0.0187	0.0260	0.0266	0.0264	0.0269	110-120	0.0173	702.3	99.9,99.9
130	0.0477	0.0502	0.0504	0.0486	0.0722	0.0745	0.0755	0.0737	120-130	0.0336	702.4	99.9,99.9
140	0.1599	0.1638	0.1659	0.1653	0.2845	0.2875	0.2870	0.2801	130-140	0.0963	702.5	99.9,99.9
150	0.3798	0.3802	0.3820	0.3866	0.7904	0.7864	0.7842	0.7757	140-150	0.2475	702.7	99.9,99.9
160	0.5052	0.5026	0.5011	0.5052	1.125	1.113	1.106	1.108	150-160	0.3319	703.1	100,100
170	0.4783	0.4812	0.4830	0.4853	0.9552	0.9469	0.9307	0.9383	160-170	0.2240	703.3	100,100
180	0.5724	0.5691	0.5600	0.5666	0.5730	0.5709	0.5610	0.5618	170-180	0.0615	703.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 654.34 lm

%lum = 93.0%

%lamp = 93.0%

Conical surface Flux(120deg): 683.98 lm

%lum = 97.2%

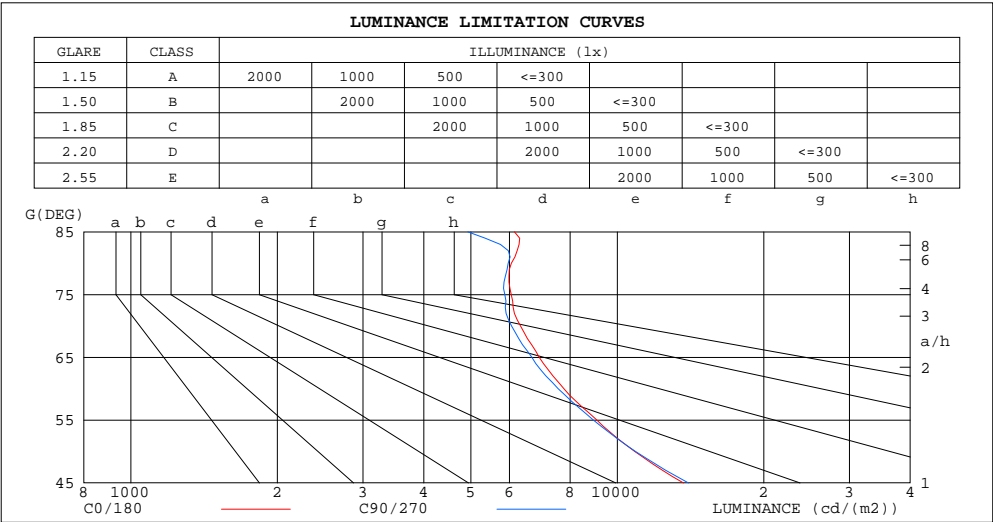
%lamp = 97.2%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6144	4926
80	6057	5966
75	6053	5869
70	6323	6059
65	6912	6671
60	7765	7557
55	9076	8928
50	10853	10892
45	13674	13996

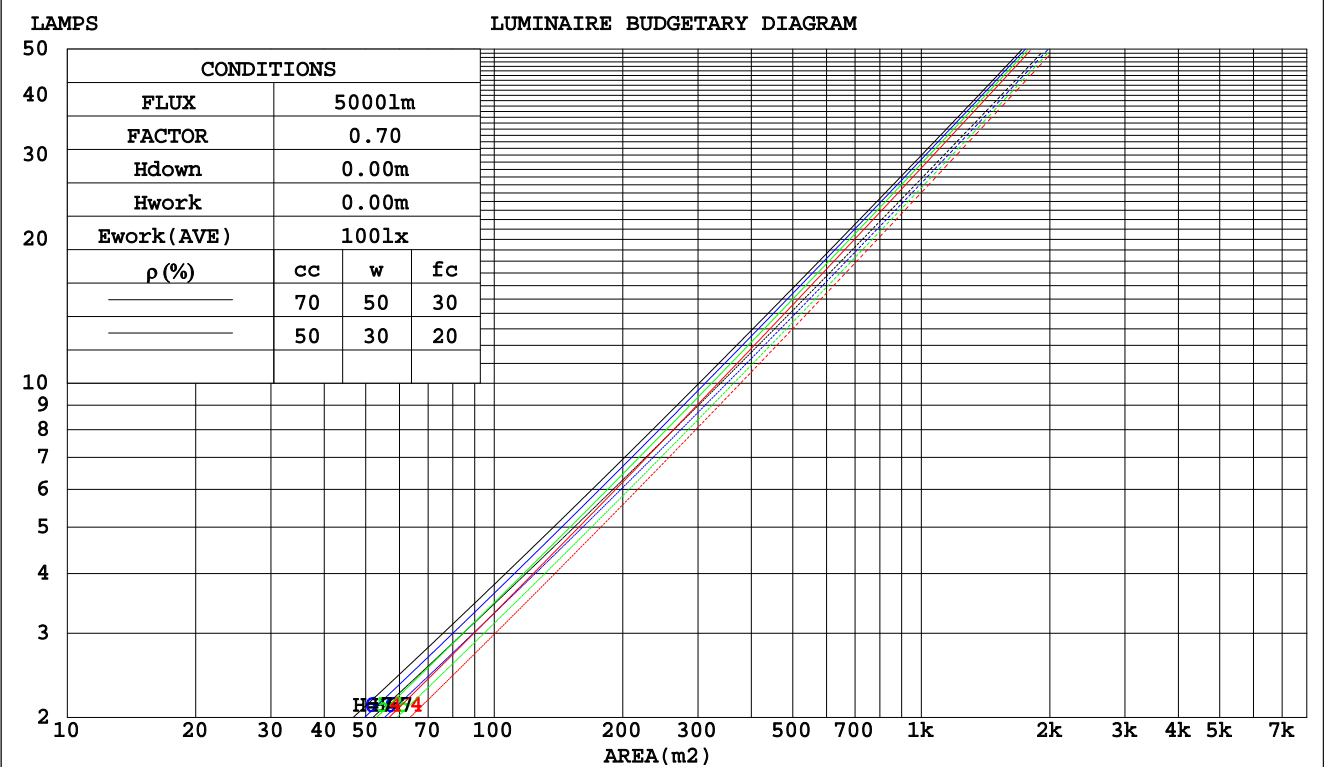
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 22 October 2024

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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 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															



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.163	.093	.029	.157	.089	.028	.144	.083	.026	.132	.076	.025	.122	.071	.023		
2.0	.153	.084	.026	.147	.081	.025	.136	.076	.024	.127	.071	.022	.118	.067	.021		
3.0	.142	.076	.023	.138	.074	.022	.129	.070	.021	.121	.066	.020	.113	.063	.019		
4.0	.133	.069	.020	.129	.068	.020	.122	.065	.019	.115	.062	.019	.108	.059	.018		
5.0	.125	.064	.019	.122	.063	.018	.116	.060	.018	.109	.058	.017	.104	.055	.017		
6.0	.118	.059	.017	.115	.058	.017	.110	.056	.016	.104	.054	.016	.100	.052	.016		
7.0	.112	.055	.016	.110	.055	.016	.105	.053	.015	.100	.051	.015	.096	.050	.015		
8.0	.106	.052	.015	.104	.051	.014	.100	.050	.014	.096	.048	.014	.092	.047	.014		
9.0	.101	.049	.014	.099	.048	.014	.095	.047	.013	.092	.046	.013	.088	.045	.013		
10.0	.097	.046	.013	.095	.046	.013	.091	.045	.013	.088	.044	.012	.085	.043	.012		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.171	.159	.147	.147	.136	.127	.100	.094	.088	.058	.054	.051	.018	.017	.016	
2.0	.155	.134	.116	.133	.115	.100	.091	.080	.070	.052	.046	.041	.017	.015	.013	
3.0	.141	.115	.093	.121	.099	.081	.083	.069	.057	.048	.040	.034	.015	.013	.011	
4.0	.129	.100	.077	.111	.086	.067	.076	.060	.047	.044	.035	.028	.014	.011	.009	
5.0	.120	.088	.064	.103	.076	.056	.071	.053	.039	.041	.031	.023	.013	.010	.008	
6.0	.111	.078	.054	.096	.067	.047	.066	.047	.033	.038	.028	.020	.012	.009	.007	
7.0	.104	.070	.046	.089	.061	.040	.062	.043	.029	.036	.025	.017	.012	.008	.006	
8.0	.097	.063	.040	.084	.055	.035	.058	.039	.025	.034	.023	.015	.011	.007	.005	
9.0	.092	.058	.035	.079	.050	.030	.055	.035	.022	.032	.021	.013	.010	.007	.004	
10.0	.087	.053	.031	.075	.046	.027	.052	.033	.019	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 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	15.2	16.0	15.4	16.1	16.3	15.2	16.0	15.4	16.2	16.3
3H	15.9	16.7	16.2	16.9	17.1	15.9	16.6	16.2	16.8	17.0
4H	16.3	17.0	16.6	17.2	17.4	16.2	16.9	16.5	17.2	17.4
6H	16.6	17.3	16.9	17.5	17.8	16.6	17.2	16.9	17.5	17.7
8H	16.8	17.4	17.1	17.6	17.9	16.7	17.3	17.0	17.6	17.9
12H	16.9	17.5	17.2	17.7	18.0	16.8	17.4	17.1	17.7	17.9
4H 2H	15.5	16.2	15.7	16.4	16.6	15.5	16.2	15.7	16.4	16.6
3H	16.4	17.0	16.7	17.3	17.6	16.4	17.0	16.7	17.2	17.5
4H	16.9	17.5	17.2	17.7	18.1	16.8	17.4	17.2	17.7	18.0
6H	17.4	17.8	17.7	18.2	18.5	17.3	17.8	17.7	18.1	18.5
8H	17.6	18.0	17.9	18.4	18.7	17.5	18.0	17.9	18.3	18.7
12H	17.7	18.1	18.1	18.5	18.9	17.6	18.1	18.0	18.4	18.8
8H 4H	17.1	17.5	17.5	17.9	18.2	17.0	17.5	17.4	17.8	18.2
6H	17.7	18.1	18.1	18.4	18.9	17.7	18.0	18.1	18.4	18.8
8H	18.0	18.3	18.4	18.7	19.2	18.0	18.3	18.4	18.7	19.2
12H	18.2	18.5	18.7	18.9	19.4	18.2	18.5	18.6	18.9	19.4
12H 4H	17.1	17.5	17.5	17.9	18.3	17.0	17.4	17.4	17.8	18.2
6H	17.7	18.1	18.2	18.5	18.9	17.7	18.0	18.2	18.5	18.9
8H	18.0	18.3	18.5	18.8	19.3	18.0	18.3	18.5	18.8	19.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.7				
1.5H	+ 0.8 / - 0.4					+ 0.9 / - 0.4				
2.0H	+ 0.8 / - 0.5					+ 0.9 / - 0.6				

CIE Pub.117, 703.3 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -1.2$)
Area: 0.00362984 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

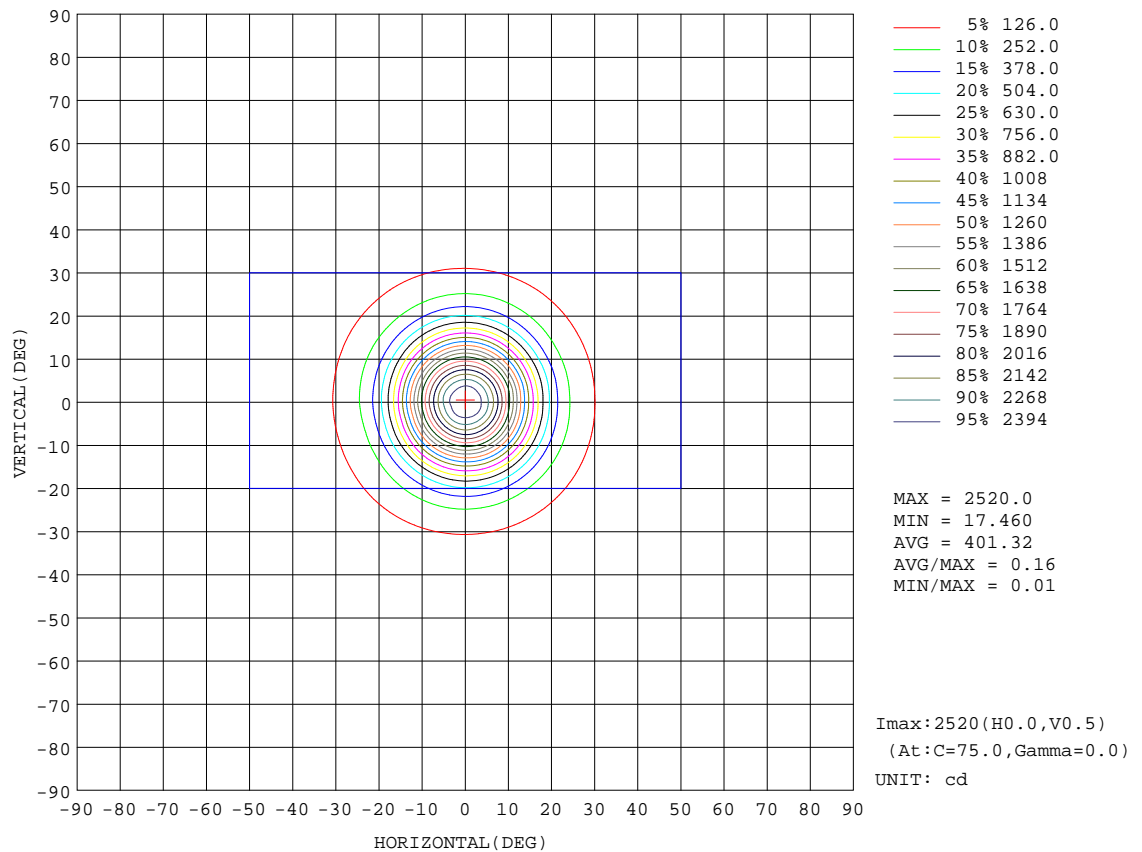
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	79	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	96	93	101	96	92	99	95	92	87
1.50	105	100	96	104	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	106	98
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: 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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

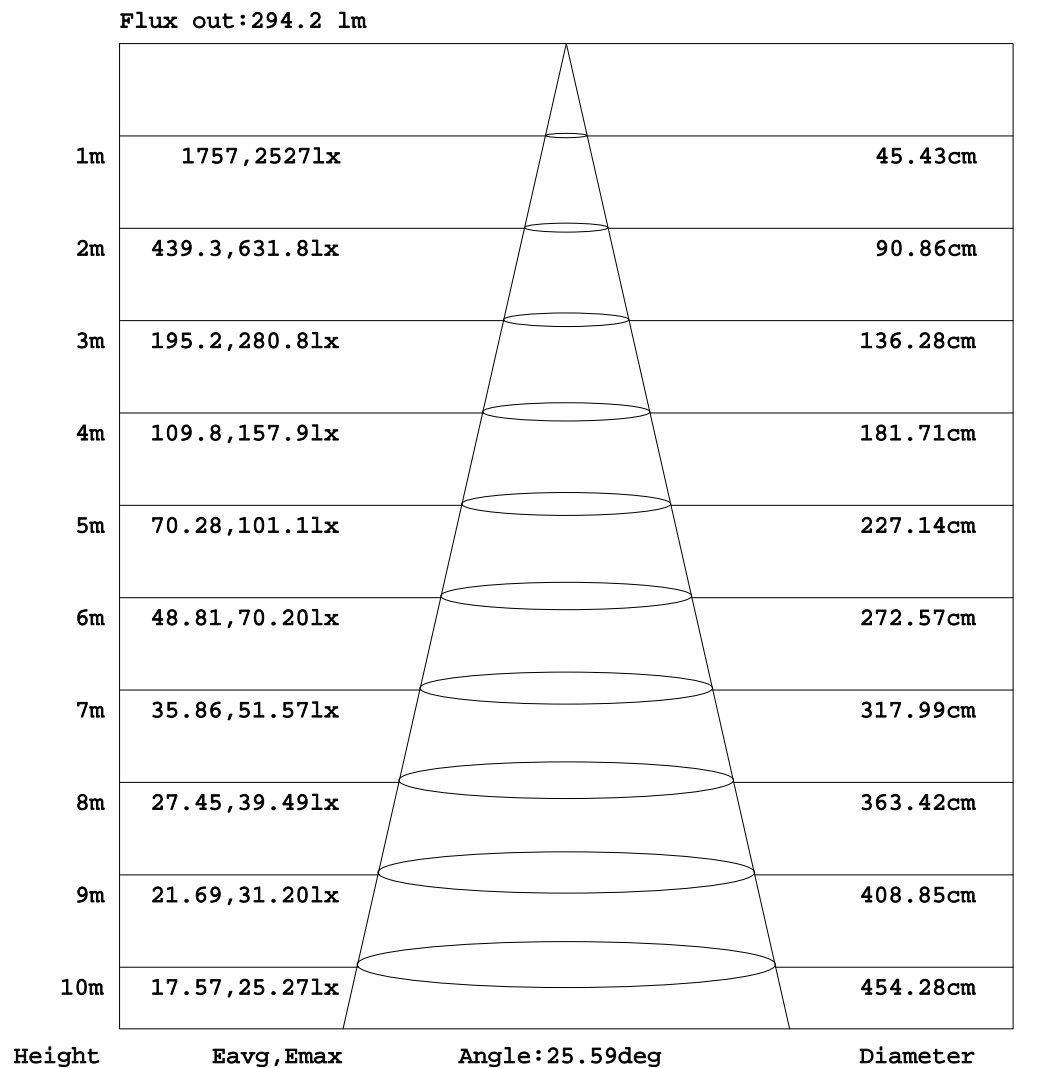


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Alan Wang
 Test Date: 22 October 2024

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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



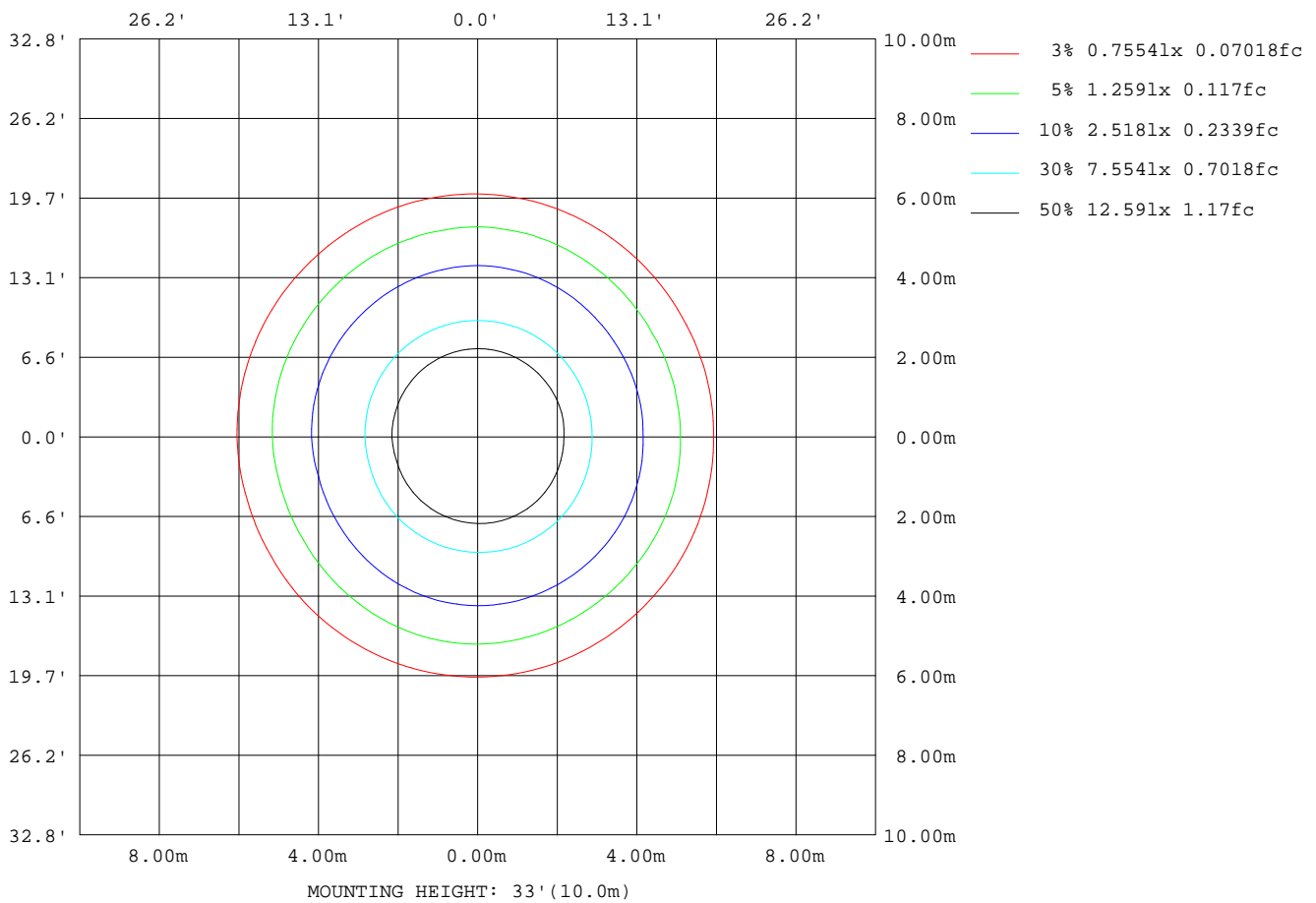
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:Alan Wang
 Test Date: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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 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: 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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

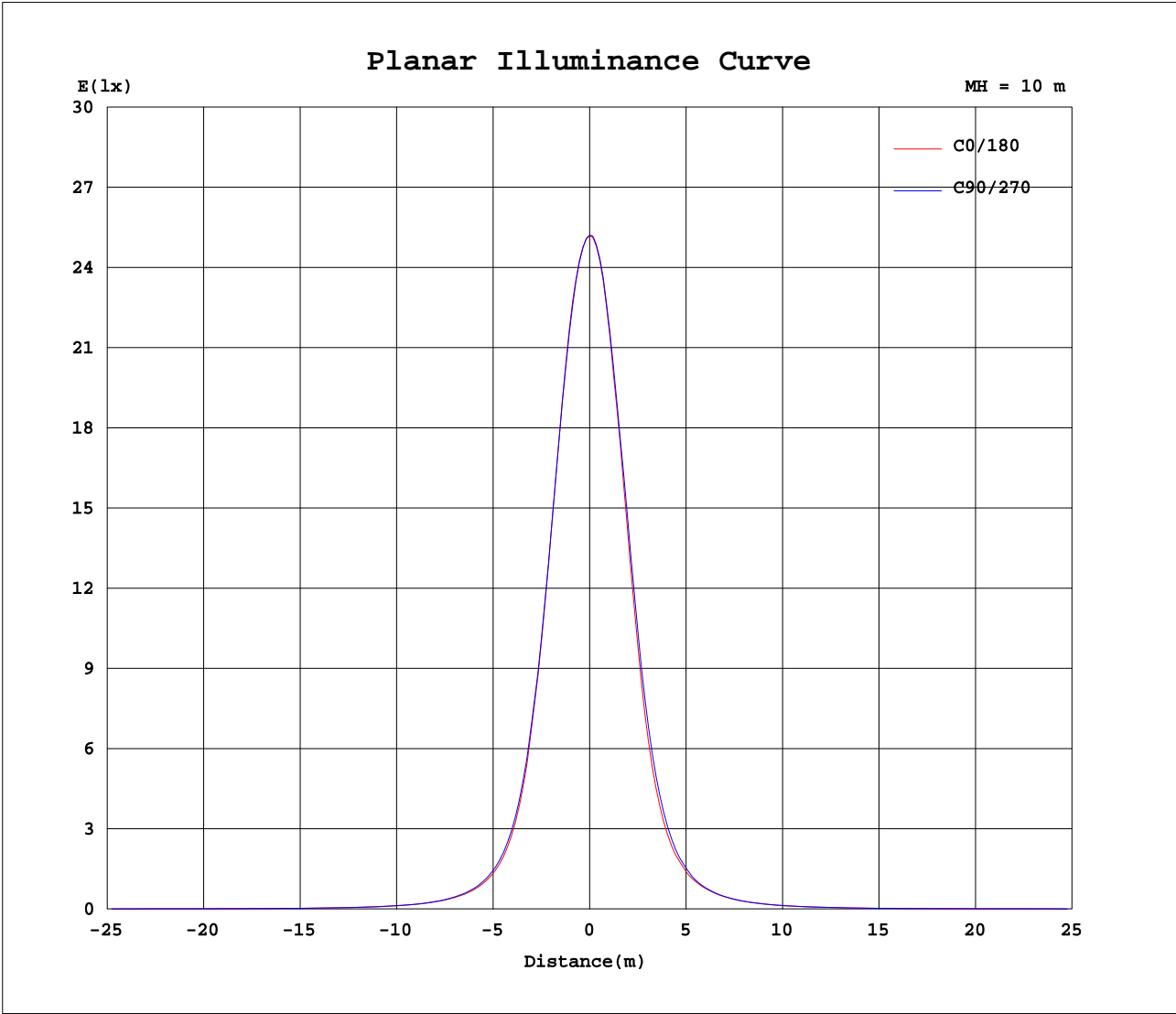
AvgL	cd/m2
L_0~180(65)av	6758
L_0~180(75)av	5794
L_0~180(85)av	5784
L_90~270(65)av	6858
L_90~270(75)av	6001
L_90~270(85)av	5316
L_45(65)av	6842
L_45(75)av	5978
L_45(85)av	5755

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
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: 25.1DEG
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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 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	2518	2516	2518	2521	2525	2527	2521	2517	2519	2517	2526	2526	2518	2516	2518	2521	2525	2527	2521
5	2302	2303	2305	2293	2291	2288	2284	2286	2281	2277	2267	2266	2278	2290	2290	2285	2287	2289	2291
10	1678	1678	1684	1693	1694	1690	1680	1667	1654	1644	1644	1642	1662	1670	1679	1691	1700	1705	1704
15	969	973	984	992	997	994	981	972	962	953	934	924	948	958	973	988	998	1006	1009
20	467	473	481	489	493	495	492	485	472	461	455	452	464	472	483	493	503	511	512
25	227	232	234	234	238	243	245	244	237	229	223	223	239	244	247	246	251	255	257
30	127	128	129	129	131	134	135	135	134	132	131	131	135	136	137	138	140	141	141
35	78.1	78.9	79.5	80.0	80.6	81.7	82.7	83.2	83.2	83.1	82.9	82.4	82.9	83.8	85.3	85.8	85.9	86.1	85.3
40	50.8	50.7	50.8	51.0	51.6	52.3	52.5	52.6	52.7	52.8	53.1	53.2	54.0	54.5	55.1	56.0	56.0	56.0	55.8
45	35.1	35.1	35.2	34.9	35.1	35.5	35.9	36.1	36.1	35.9	35.9	36.2	36.6	37.1	37.8	38.0	38.1	38.3	38.1
50	25.3	25.4	25.2	25.2	25.1	25.3	25.4	25.6	25.6	25.6	25.6	25.7	26.1	26.2	26.7	26.9	27.1	27.2	27.2
55	18.9	18.9	18.8	18.6	18.4	18.4	18.6	18.7	18.6	18.6	18.6	18.6	19.0	19.2	19.5	19.6	19.7	19.7	19.8
60	14.1	14.1	14.0	14.0	13.8	13.8	13.7	13.7	13.7	13.7	13.6	13.7	13.8	14.0	14.2	14.3	14.4	14.5	14.6
65	10.6	10.6	10.7	10.6	10.5	10.3	10.2	10.2	10.2	10.2	10.0	10.1	10.1	10.4	10.5	10.7	10.7	10.8	10.8
70	7.85	7.84	7.95	7.94	7.84	7.67	7.52	7.45	7.45	7.40	7.30	7.33	7.38	7.52	7.69	7.83	7.96	8.03	8.01
75	5.69	5.74	5.84	5.87	5.85	5.65	5.51	5.50	5.40	5.24	5.13	5.06	5.20	5.40	5.48	5.63	5.78	5.77	5.76
80	3.82	3.89	3.88	3.99	4.04	3.99	3.76	3.58	3.58	3.41	3.25	3.24	3.41	3.50	3.57	3.75	3.92	3.97	3.96
85	1.94	1.92	1.76	1.85	2.02	1.88	1.56	1.50	1.69	1.64	1.45	1.41	1.72	1.78	1.64	1.79	1.98	1.94	1.81
90	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
95	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
105	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01
110	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
115	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02
120	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
125	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
130	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	0.07	0.07	0.07	0.08	0.08
135	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.14	0.14	0.14	0.15	0.15	0.15	0.15
140	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.28	0.28	0.29	0.29	0.29	0.29	0.29
145	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.53	0.53	0.53	0.53	0.53	0.53	0.53
150	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.79	0.79	0.79	0.79	0.79	0.79	0.78
155	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.99	1.00	0.99	0.99	0.99	0.98	0.98
160	0.51	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.51	0.51	1.12	1.12	1.12	1.11	1.11	1.11	1.11
165	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.11	1.11	1.11	1.10	1.10	1.09	1.09
170	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.48	0.96	0.96	0.95	0.95	0.94	0.94	0.93
175	0.47	0.47	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.47	0.47	0.47	0.75	0.76	0.75	0.75	0.74	0.73	0.73
180	0.57	0.57	0.57	0.57	0.57	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.56	0.56

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

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:0.0430A P:5.12W PF:0.9932 Freq:60.00Hz Lamp Flux:703.34lx1 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(DEC) γ (DEC)	285	300	315	330	345													
0	2517	2519	2517	2526	2526													
5	2302	2301	2303	2299	2299													
10	1706	1706	1705	1709	1709													
15	1012	1008	1001	990	985													
20	507	498	487	480	477													
25	254	246	241	234	233													
30	138	135	131	128	128													
35	84.5	82.8	81.7	79.9	78.9													
40	54.8	54.0	52.8	52.2	52.0													
45	37.8	37.2	36.4	35.6	35.4													
50	27.0	26.5	25.9	25.6	25.5													
55	19.8	19.5	19.1	18.8	18.8													
60	14.5	14.3	14.0	13.9	14.1													
65	10.8	10.7	10.5	10.5	10.5													
70	8.01	7.95	7.83	7.81	7.86													
75	5.81	5.81	5.72	5.50	5.53													
80	3.98	3.99	3.79	3.68	3.70													
85	1.81	1.97	2.00	1.85	1.85													
90	0.01	0.01	0.01	0.01	0.01													
95	0.01	0.01	0.01	0.01	0.01													
100	0.01	0.01	0.01	0.01	0.01													
105	0.01	0.02	0.01	0.02	0.02													
110	0.02	0.02	0.02	0.02	0.02													
115	0.02	0.02	0.02	0.02	0.02													
120	0.03	0.03	0.03	0.03	0.03													
125	0.04	0.04	0.04	0.04	0.04													
130	0.08	0.07	0.07	0.07	0.07													
135	0.15	0.14	0.14	0.14	0.14													
140	0.28	0.28	0.28	0.28	0.28													
145	0.53	0.53	0.52	0.52	0.52													
150	0.78	0.78	0.78	0.78	0.78													
155	0.98	0.99	0.99	0.98	0.98													
160	1.10	1.11	1.11	1.11	1.12													
165	1.09	1.09	1.10	1.10	1.11													
170	0.93	0.93	0.94	0.95	0.96													
175	0.73	0.74	0.74	0.75	0.76													
180	0.56	0.56	0.56	0.57	0.57													

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

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: