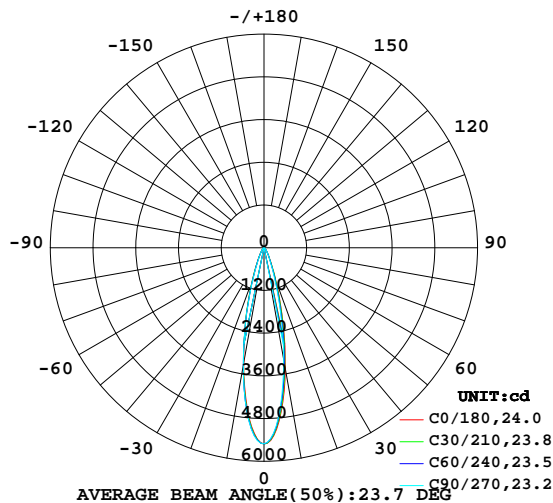


LUMINAIRE PHOTOMETRIC TEST REPORT

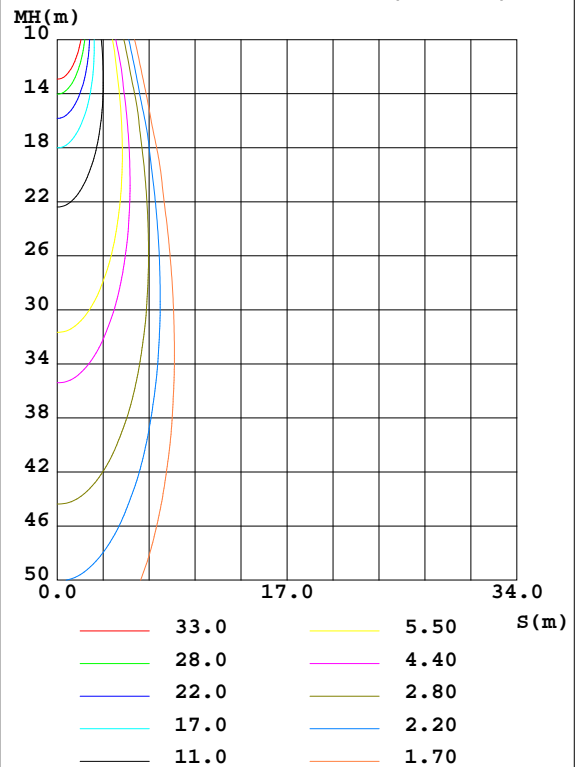
Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.74 lm/W			
MODEL:LINDEPS020UNHD8SC2R4BZP		I _{max} (cd)	5513	S/MH(C0/180)	0.40
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1363.6	η UP,DN(C0-180)	0.1,49.5
NOMINAL FLUX(lm)	1363.62	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: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
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	3450	3337	3196	3185	3308	3350	3363	3400	0- 10	411.4	411.4	30.2,30.2
20	955.9	923.5	810.5	848.8	921.2	921.5	861.1	910.0	10- 20	514.1	925.5	67.9,67.9
30	254.9	257.7	244.4	241.7	250.2	247.5	238.7	240.6	20- 30	213.4	1139	83.5,83.5
40	103.9	104.8	103.0	101.4	102.0	98.79	95.75	97.39	30- 40	98.99	1238	90.8,90.8
50	50.72	50.58	49.60	49.25	50.26	49.09	47.89	48.71	40- 50	54.69	1293	94.8,94.8
60	27.73	27.38	26.62	26.66	27.41	27.02	26.26	26.82	50- 60	32.96	1326	97.2,97.2
70	15.50	15.15	14.59	14.76	15.24	15.06	14.84	15.05	60- 70	20.24	1346	98.7,98.7
80	8.188	7.957	6.591	7.330	8.253	8.040	7.183	7.649	70- 80	11.71	1358	99.6,99.6
90	0.0199	0.0179	0.0147	0.0164	0.0187	0.0208	0.0224	0.0221	80- 90	4.097	1362	99.9,99.9
100	0.0152	0.0149	0.0149	0.0143	0.0260	0.0260	0.0260	0.0251	90-100	0.0188	1362	99.9,99.9
110	0.0212	0.0209	0.0209	0.0209	0.0336	0.0342	0.0323	0.0320	100-110	0.0252	1362	99.9,99.9
120	0.0370	0.0373	0.0363	0.0364	0.0533	0.0533	0.0513	0.0514	110-120	0.0335	1362	99.9,99.9
130	0.0923	0.0919	0.0888	0.0898	0.1478	0.1458	0.1373	0.1374	120-130	0.0637	1362	99.9,99.9
140	0.3084	0.3130	0.3104	0.3125	0.5670	0.5484	0.5256	0.5285	130-140	0.1811	1362	99.9,99.9
150	0.7485	0.7588	0.7680	0.7650	1.575	1.550	1.533	1.531	140-150	0.4828	1362	99.9,99.9
160	0.9719	0.9728	0.9871	0.9843	2.200	2.194	2.197	2.210	150-160	0.6562	1363	100,100
170	0.9096	0.9202	0.9386	0.9320	1.829	1.818	1.817	1.854	160-170	0.4381	1364	100,100
180	1.079	1.074	1.060	1.080	1.076	1.075	1.057	1.072	170-180	0.1180	1364	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1268.9 lm

%lum = 93.1%

%lamp = 93.1%

Conical surface Flux(120deg): 1325.6 lm

%lum = 97.2%

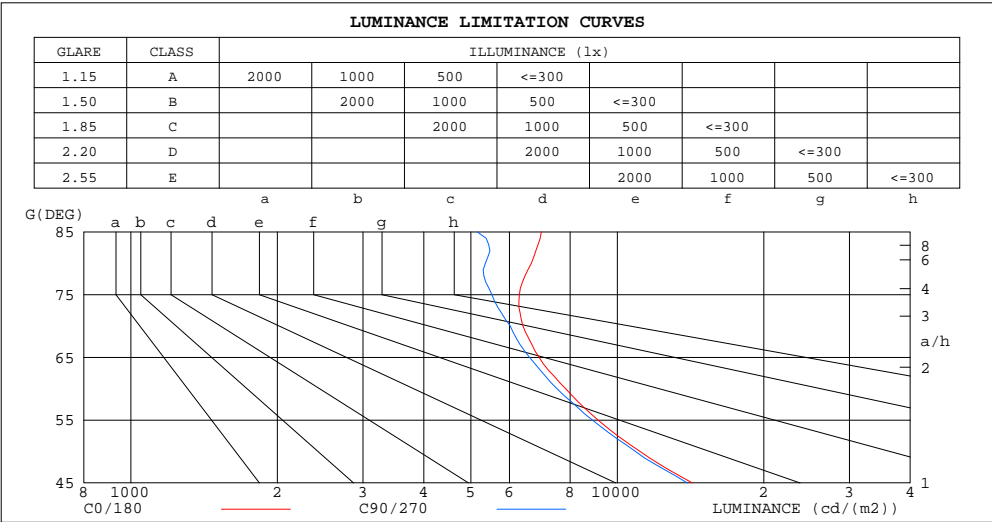
%lamp = 97.2%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 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	6976	5149
80	6656	5358
75	6289	5522
70	6398	6023
65	6904	6599
60	7827	7516
55	9128	8883
50	11137	10893
45	14257	13926

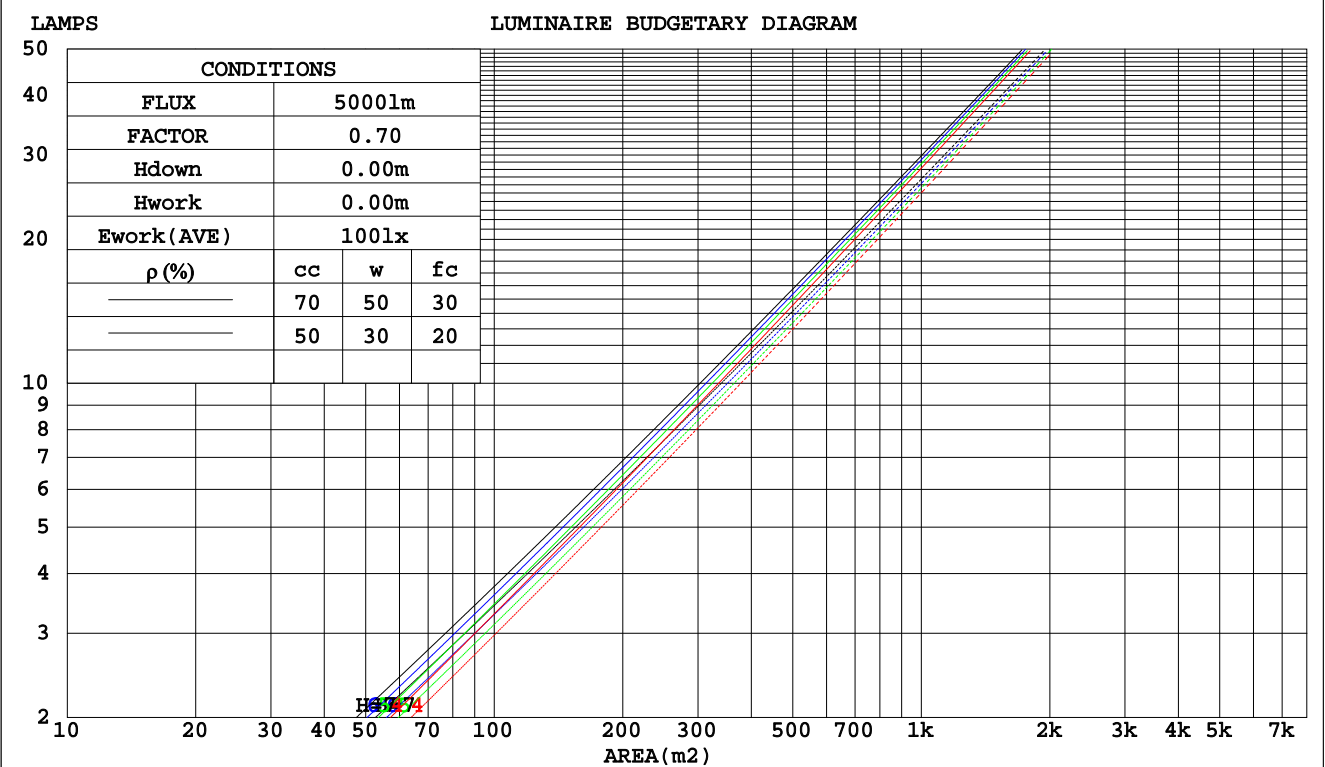
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance:2.500m [K=1.0461]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 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:15 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance:2.500m [K=1.0461]
Remarks:

WEC AND CCEC

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 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	.162	.092	.029	.155	.089	.028	.143	.082	.026	.131	.076	.024	.120	.070	.022		
2.0	.151	.083	.025	.145	.080	.025	.135	.075	.023	.125	.070	.022	.116	.066	.021		
3.0	.141	.075	.022	.136	.073	.022	.127	.069	.021	.119	.065	.020	.111	.062	.019		
4.0	.132	.068	.020	.128	.067	.020	.120	.064	.019	.113	.061	.018	.107	.058	.018		
5.0	.124	.063	.018	.120	.062	.018	.114	.059	.017	.108	.057	.017	.102	.055	.016		
6.0	.117	.059	.017	.114	.057	.017	.108	.055	.016	.103	.053	.016	.098	.052	.015		
7.0	.110	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014		
8.0	.105	.051	.014	.103	.050	.014	.098	.049	.014	.094	.048	.014	.090	.046	.013		
9.0	.100	.048	.013	.098	.048	.013	.094	.046	.013	.090	.045	.013	.087	.044	.013		
10.0	.095	.046	.013	.093	.045	.013	.090	.044	.012	.087	.043	.012	.084	.042	.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	.146	.136	.127	.100	.094	.088	.058	.054	.051	.018	.017	.016	
2.0	.155	.134	.116	.132	.115	.100	.091	.080	.070	.052	.046	.041	.017	.015	.013	
3.0	.141	.115	.094	.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	.119	.088	.064	.102	.076	.056	.070	.053	.039	.041	.031	.023	.013	.010	.008	
6.0	.111	.078	.054	.095	.067	.047	.066	.047	.033	.038	.028	.020	.012	.009	.007	
7.0	.103	.070	.046	.089	.061	.040	.061	.042	.029	.036	.025	.017	.012	.008	.006	
8.0	.097	.063	.040	.083	.055	.035	.058	.039	.025	.034	.023	.015	.011	.007	.005	
9.0	.091	.058	.035	.078	.050	.031	.054	.035	.022	.032	.021	.013	.010	.007	.004	
10.0	.086	.053	.031	.074	.046	.027	.052	.032	.019	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 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	15.5	16.2	15.7	16.4	16.6	15.3	16.1	15.5	16.2	16.4
3H	16.2	16.9	16.4	17.1	17.3	15.9	16.7	16.2	16.8	17.0
4H	16.5	17.2	16.8	17.4	17.6	16.2	16.9	16.5	17.1	17.4
6H	16.9	17.5	17.2	17.8	18.0	16.5	17.1	16.8	17.4	17.6
8H	17.0	17.7	17.3	17.9	18.2	16.6	17.2	16.9	17.5	17.7
12H	17.2	17.8	17.5	18.0	18.3	16.7	17.3	17.0	17.5	17.8
4H 2H	15.7	16.4	16.0	16.6	16.8	15.5	16.2	15.8	16.4	16.7
3H	16.6	17.2	16.9	17.5	17.7	16.4	17.0	16.7	17.3	17.5
4H	17.1	17.6	17.4	17.9	18.2	16.8	17.4	17.1	17.7	18.0
6H	17.6	18.1	18.0	18.4	18.8	17.2	17.7	17.6	18.0	18.4
8H	17.8	18.3	18.2	18.6	19.0	17.4	17.8	17.7	18.2	18.5
12H	18.0	18.4	18.4	18.8	19.2	17.5	17.9	17.9	18.3	18.7
8H 4H	17.2	17.7	17.6	18.0	18.4	17.0	17.4	17.4	17.8	18.2
6H	17.9	18.3	18.3	18.7	19.1	17.5	17.9	17.9	18.3	18.7
8H	18.2	18.6	18.7	19.0	19.4	17.8	18.1	18.2	18.5	19.0
12H	18.5	18.8	18.9	19.2	19.7	18.0	18.3	18.4	18.7	19.2
12H 4H	17.2	17.6	17.6	18.0	18.4	17.0	17.4	17.4	17.8	18.2
6H	17.9	18.3	18.4	18.7	19.1	17.6	17.9	18.0	18.3	18.8
8H	18.3	18.6	18.8	19.0	19.5	17.9	18.2	18.4	18.6	19.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.6 / - 0.7				
1.5H	+ 0.7 / - 0.5					+ 0.8 / - 0.5				
2.0H	+ 0.9 / - 0.6					+ 1.0 / - 0.6				

CIE Pub.117, 1364 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.1$)
Area: 0.00708462 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance: 2.500m [K=1.0461]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

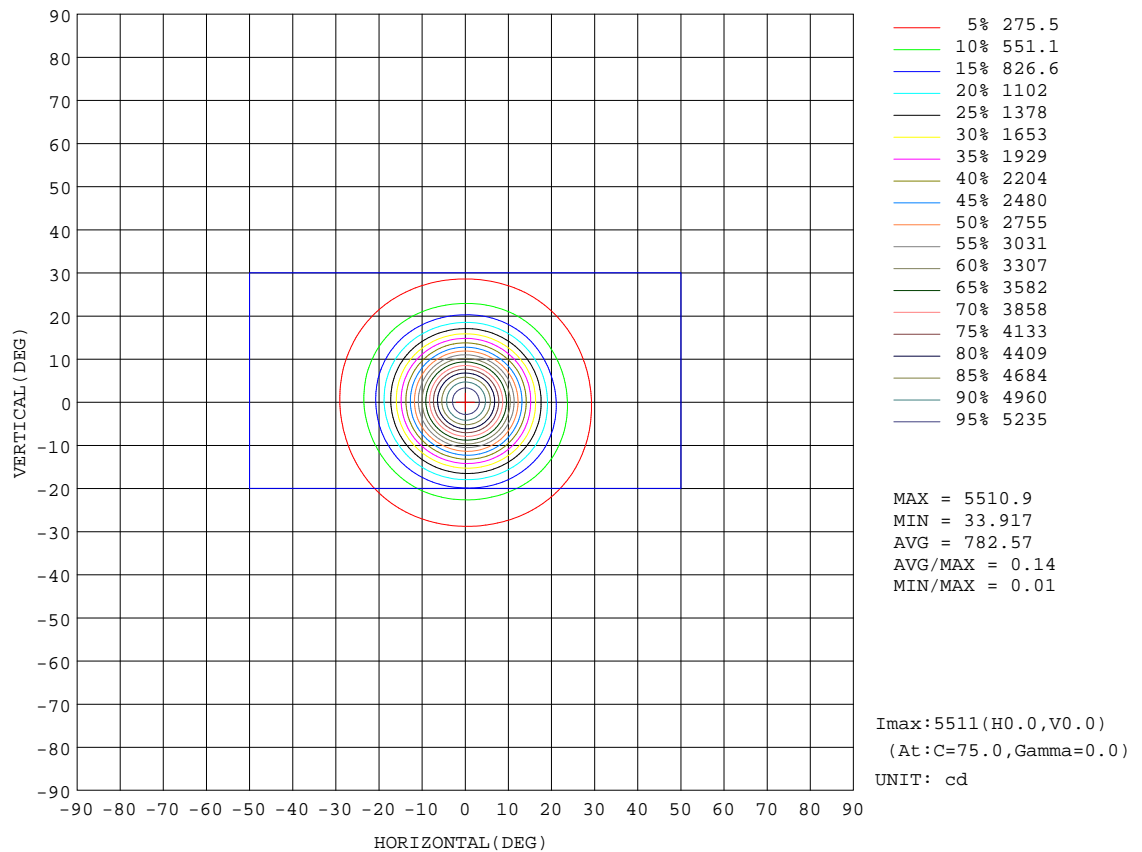
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	85	79	75	71
0.80	93	87	83	93	87	83	91	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	105	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: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

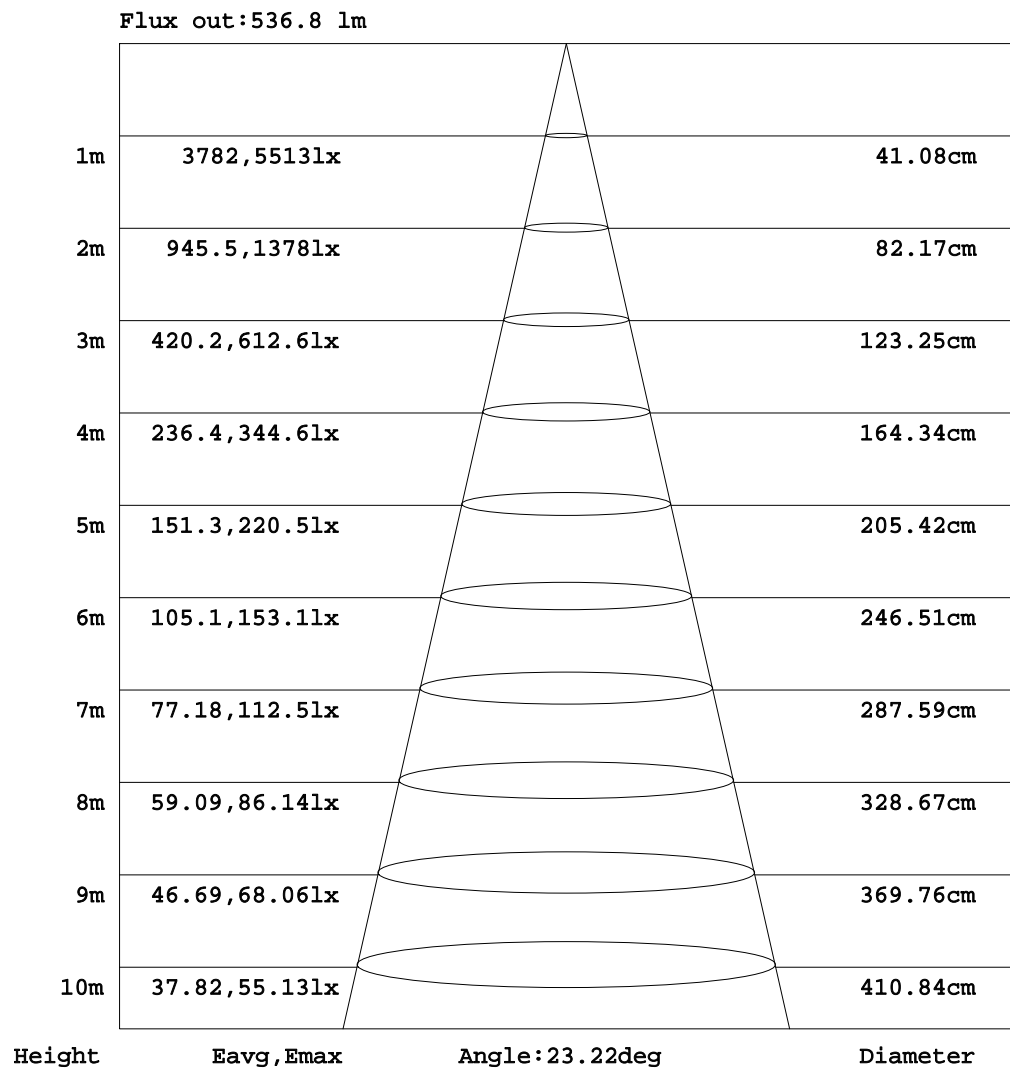


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

AAI Figure

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



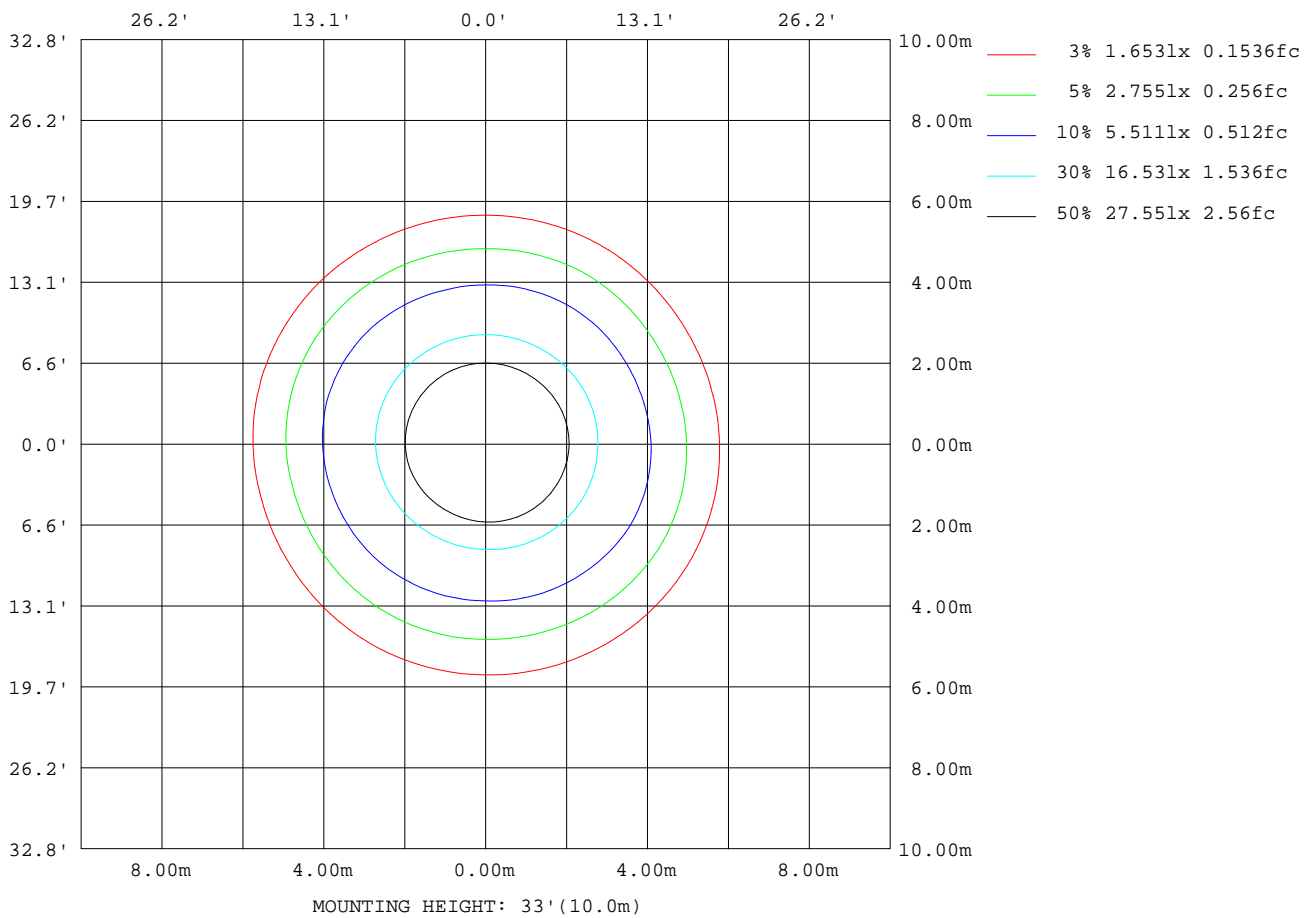
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance:2.500m [K=1.0461]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 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: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

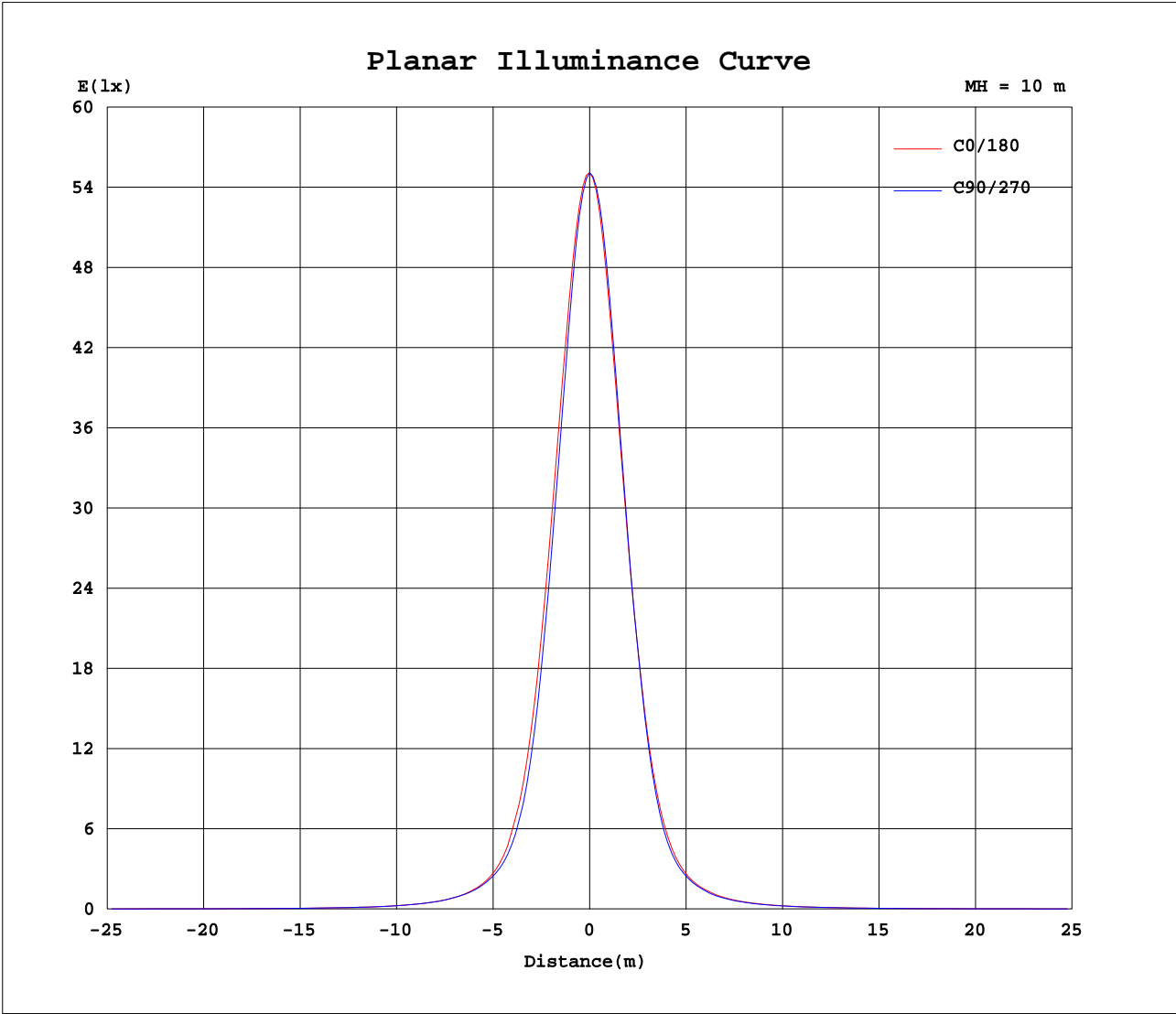
AvgL	cd/m2
L_0~180(65)av	6879
L_0~180(75)av	6253
L_0~180(85)av	6967
L_90~270(65)av	6633
L_90~270(75)av	5638
L_90~270(85)av	5599
L_45(65)av	6743
L_45(75)av	5990
L_45(85)av	6153

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
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: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance: 2.500m [K=1.0461]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 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	5511	5511	5512	5511	5513	5513	5510	5507	5499	5496	5493	5491	5511	5511	5512	5511	5513	5513	5510
5	4892	4872	4847	4819	4791	4764	4749	4738	4743	4750	4769	4791	4798	4816	4837	4855	4873	4881	4889
10	3450	3418	3378	3337	3289	3238	3196	3163	3158	3185	3228	3273	3308	3324	3336	3350	3360	3366	3363
15	1973	1958	1931	1879	1818	1763	1721	1703	1713	1745	1796	1846	1896	1917	1918	1907	1889	1880	1876
20	956	968	958	923	883	843	811	813	827	849	869	899	921	945	943	921	886	863	861
25	459	469	467	451	431	416	409	410	412	415	419	428	448	458	457	446	431	418	413
30	255	260	261	258	252	248	244	243	243	242	241	244	250	254	252	247	242	239	239
35	158	161	161	161	158	157	156	155	153	153	154	155	155	156	154	152	149	147	146
40	104	106	107	105	104	104	103	101	102	101	101	101	102	102	100	98.8	98.0	96.0	95.8
45	71.4	71.8	71.9	71.3	71.0	70.0	69.8	69.1	69.2	69.0	69.6	69.6	70.4	69.8	69.6	68.6	67.3	66.3	65.8
50	50.7	51.3	51.5	50.6	50.1	49.7	49.6	49.8	49.6	49.2	49.5	49.4	50.3	50.2	50.0	49.1	48.5	47.8	47.9
55	37.1	37.5	37.6	37.0	36.5	36.0	36.1	36.1	36.3	36.1	36.2	36.1	36.6	36.7	36.8	36.1	35.7	35.1	35.4
60	27.7	27.8	27.9	27.4	27.1	26.6	26.6	26.6	26.7	26.7	26.9	26.9	27.4	27.3	27.6	27.0	26.8	26.6	26.3
65	20.7	20.7	20.5	20.3	20.1	19.7	19.8	19.5	19.8	20.0	20.2	20.2	20.5	20.4	20.7	20.3	20.3	20.0	20.0
70	15.5	15.6	15.4	15.1	14.9	14.6	14.6	14.4	14.5	14.8	14.7	15.0	15.2	15.3	15.4	15.1	15.1	14.9	14.8
75	11.5	11.7	11.4	11.2	10.9	10.3	10.1	10.2	10.5	10.6	10.6	11.1	11.4	11.4	11.5	11.2	11.0	10.8	10.6
80	8.19	8.22	7.97	7.96	7.55	6.94	6.59	6.82	7.15	7.33	7.60	8.04	8.25	8.20	8.18	8.04	7.76	7.49	7.18
85	4.31	3.87	3.38	3.76	3.90	3.41	3.18	3.47	3.72	3.57	3.58	4.20	4.30	3.83	3.62	3.98	4.22	4.07	3.73
90	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
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	0.02	0.02	0.02	0.02	0.02	0.02	0.02
100	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.03	0.03
105	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
110	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
115	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
120	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
125	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.08	0.08	0.08	0.08
130	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.15	0.15	0.15	0.15	0.14	0.14	0.14
135	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.29	0.28	0.28	0.28	0.27	0.26	0.26
140	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.57	0.56	0.56	0.55	0.54	0.53	0.53
145	0.53	0.54	0.54	0.54	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	1.06	1.05	1.04	1.03	1.02	1.02	1.01
150	0.75	0.75	0.75	0.76	0.76	0.77	0.77	0.77	0.76	0.76	0.77	0.77	1.58	1.56	1.56	1.55	1.54	1.54	1.53
155	0.96	0.96	0.96	0.97	0.97	0.98	0.98	0.98	0.98	0.98	0.98	0.98	1.97	1.97	1.96	1.95	1.95	1.95	1.95
160	0.97	0.97	0.97	0.97	0.98	0.98	0.99	0.99	0.99	0.98	0.98	0.98	2.20	2.20	2.20	2.19	2.19	2.19	2.20
165	0.95	0.95	0.95	0.95	0.96	0.96	0.97	0.97	0.97	0.97	0.97	0.96	2.16	2.15	2.15	2.14	2.15	2.14	2.15
170	0.91	0.91	0.92	0.92	0.93	0.93	0.94	0.94	0.94	0.93	0.93	0.92	1.83	1.83	1.82	1.82	1.82	1.82	1.82
175	0.88	0.88	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.91	0.90	0.89	1.41	1.42	1.41	1.40	1.40	1.40	1.40
180	1.08	1.08	1.08	1.07	1.06	1.06	1.06	1.06	1.07	1.08	1.08	1.08	1.08	1.08	1.08	1.07	1.07	1.06	1.06

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 15 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 41.6%

Test Distance: 2.500m [K=1.0461]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0840A P:9.90W PF:0.9816 Freq:60.00Hz Lamp Flux:1363.62x1 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	5507	5499	5496	5493	5491													
5	4890	4903	4915	4912	4907													
10	3366	3378	3400	3425	3435													
15	1884	1902	1935	1972	1985													
20	879	895	910	923	940													
25	419	429	431	433	445													
30	239	240	241	243	249													
35	146	148	149	152	155													
40	95.3	96.6	97.4	100	101													
45	66.3	67.3	67.5	68.9	70.1													
50	48.2	48.5	48.7	49.3	49.6													
55	35.5	36.1	35.9	36.3	36.5													
60	26.6	27.0	26.8	27.0	27.1													
65	20.1	20.3	20.2	20.5	20.4													
70	15.0	15.1	15.0	15.1	15.1													
75	10.9	11.0	10.9	11.2	11.2													
80	7.51	7.79	7.65	7.90	8.07													
85	4.22	4.33	3.88	4.03	4.40													
90	0.03	0.02	0.02	0.02	0.02													
95	0.02	0.02	0.02	0.02	0.02													
100	0.03	0.03	0.03	0.03	0.03													
105	0.03	0.03	0.03	0.03	0.03													
110	0.03	0.03	0.03	0.03	0.03													
115	0.04	0.04	0.04	0.04	0.04													
120	0.05	0.05	0.05	0.05	0.05													
125	0.08	0.08	0.08	0.08	0.08													
130	0.14	0.14	0.14	0.14	0.14													
135	0.26	0.26	0.26	0.27	0.27													
140	0.52	0.52	0.53	0.54	0.54													
145	1.01	1.01	1.01	1.02	1.03													
150	1.53	1.53	1.53	1.54	1.54													
155	1.95	1.96	1.96	1.96	1.96													
160	2.21	2.21	2.21	2.21	2.21													
165	2.16	2.18	2.19	2.19	2.19													
170	1.82	1.84	1.85	1.87	1.88													
175	1.41	1.42	1.44	1.46	1.46													
180	1.06	1.06	1.07	1.08	1.09													

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 15 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 41.6%

Test Distance: 2.500m [K=1.0461]

Remarks: