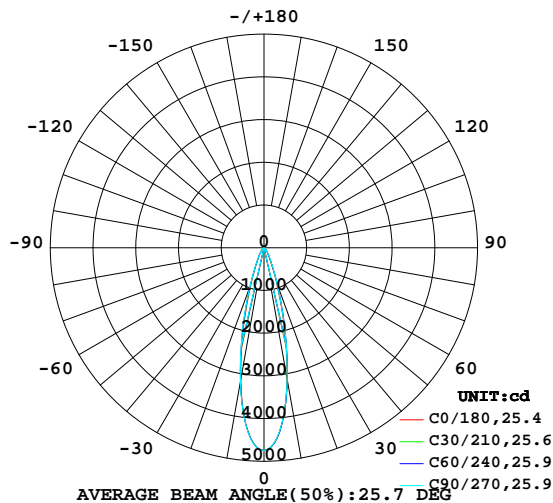


LUMINAIRE PHOTOMETRIC TEST REPORT

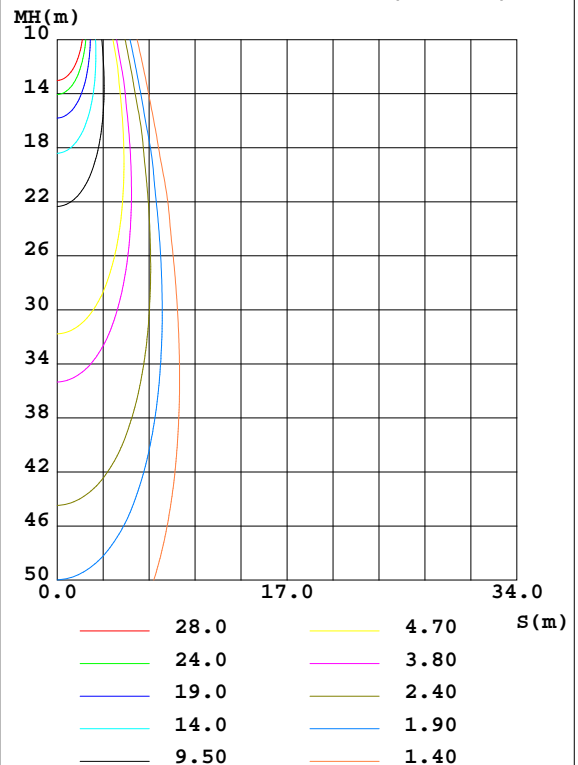
Test:U:120.0V I:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.23 lm/W			
MODEL	INDFPS010UNHD8SC2R3BZP	Imax(cd)	4749	S/MH(C0/180)	0.43
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1315.0	η UP,DN(C0-180)	0.1,49.0
NOMINAL FLUX(lm)	1314.95	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.8
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: 16 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	3109	3146	3132	3079	3139	3172	3191	3190	0- 10	373.2	373.2	28.4,28.4
20	869.3	917.1	927.3	871.2	885.6	934.4	961.4	913.7	10- 20	503.3	876.5	66.7,66.7
30	233.1	239.0	250.5	245.2	256.6	261.0	264.5	247.6	20- 30	217.6	1094	83.2,83.2
40	93.66	93.98	97.75	98.29	101.9	105.3	104.4	98.97	30- 40	98.87	1193	90.7,90.7
50	46.89	46.59	47.32	47.57	49.16	50.55	50.89	48.59	40- 50	53.61	1247	94.8,94.8
60	26.09	25.82	25.52	25.49	26.11	26.99	27.45	26.36	50- 60	32.13	1279	97.2,97.2
70	14.55	14.78	14.04	13.81	13.98	14.76	15.00	14.69	60- 70	19.59	1298	98.7,98.7
80	7.048	7.405	7.024	6.358	6.487	7.089	7.430	7.120	70- 80	11.08	1309	99.6,99.6
90	0.0113	0.0119	0.0118	0.0118	0.0174	0.0192	0.0199	0.0192	80- 90	3.597	1313	99.9,99.9
100	0.0142	0.0145	0.0142	0.0145	0.0247	0.0250	0.0247	0.0240	90-100	0.0182	1313	99.9,99.9
110	0.0208	0.0221	0.0214	0.0211	0.0319	0.0323	0.0313	0.0316	100-110	0.0244	1313	99.9,99.9
120	0.0363	0.0373	0.0370	0.0369	0.0494	0.0496	0.0494	0.0500	110-120	0.0326	1313	99.9,99.9
130	0.0909	0.0942	0.0956	0.0921	0.1344	0.1392	0.1411	0.1379	120-130	0.0629	1313	99.9,99.9
140	0.3074	0.3097	0.3135	0.3119	0.5225	0.5313	0.5314	0.5206	130-140	0.1794	1313	99.9,99.9
150	0.7221	0.7193	0.7218	0.7255	1.463	1.467	1.460	1.450	140-150	0.4622	1314	99.9,99.9
160	0.9484	0.9411	0.9383	0.9449	2.100	2.090	2.066	2.080	150-160	0.6212	1314	100,100
170	0.8958	0.8978	0.9020	0.9053	1.801	1.784	1.748	1.764	160-170	0.4199	1315	100,100
180	1.082	1.068	1.053	1.060	1.083	1.072	1.048	1.054	170-180	0.1154	1315	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1223.5 lm

%lum = 93.0%

%lamp = 93.0%

Conical surface Flux(120deg): 1278.8 lm

%lum = 97.2%

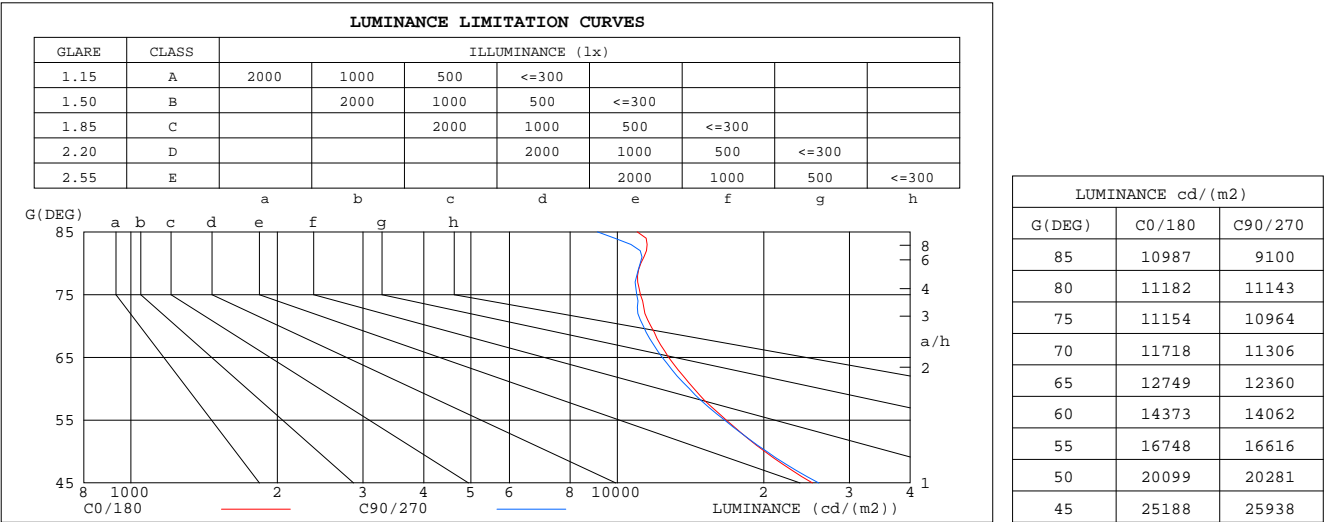
%lamp = 97.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



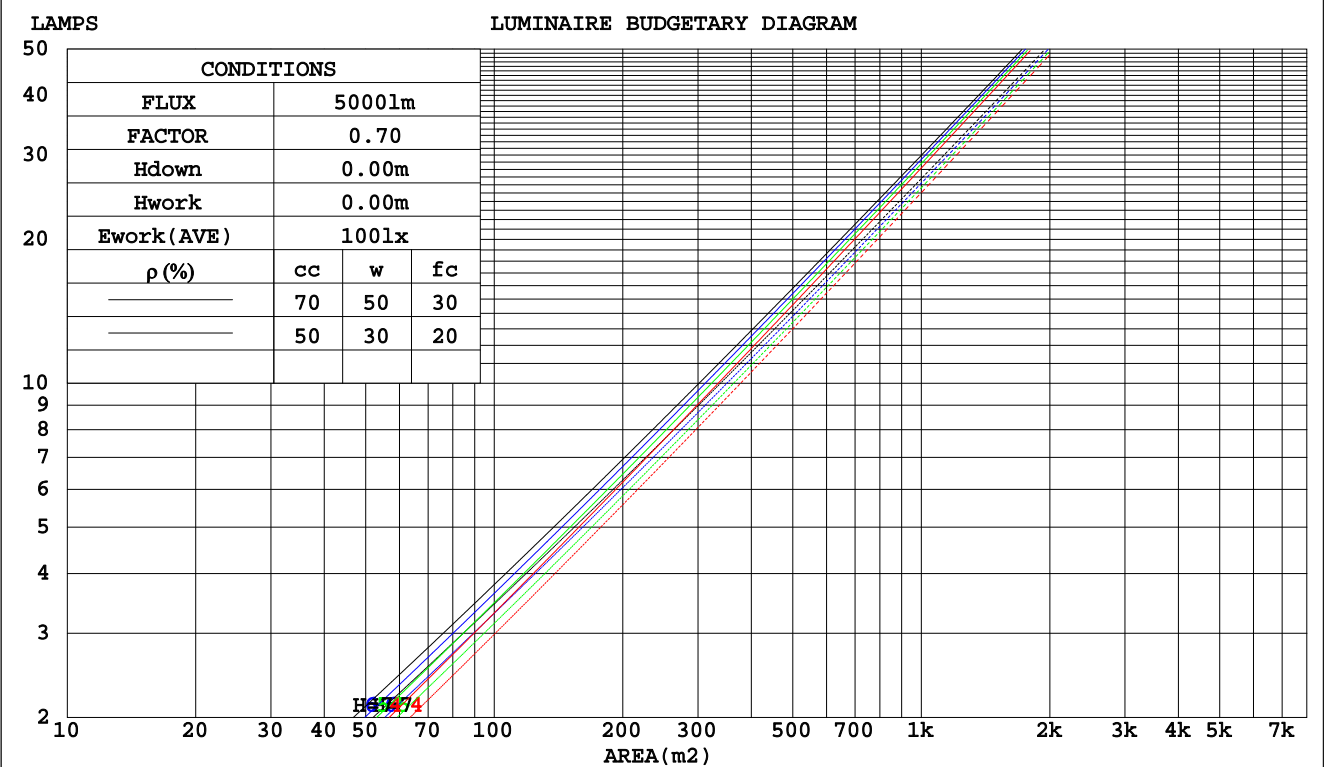
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 October 2024

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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 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:16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 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	.163	.093	.029	.156	.089	.028	.144	.083	.026	.132	.076	.024	.122	.070	.023		
2.0	.152	.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	.115	.060	.018	.109	.058	.017	.104	.055	.017		
6.0	.118	.059	.017	.115	.058	.017	.110	.056	.016	.104	.054	.016	.099	.052	.016		
7.0	.112	.055	.016	.109	.054	.016	.104	.053	.015	.100	.051	.015	.095	.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
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	.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: 16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 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	17.3	18.1	17.5	18.3	18.4	17.3	18.1	17.6	18.3	18.5
3H	18.0	18.8	18.3	19.0	19.2	18.0	18.8	18.3	19.0	19.2
4H	18.4	19.1	18.7	19.3	19.5	18.4	19.1	18.6	19.3	19.5
6H	18.7	19.4	19.0	19.6	19.9	18.7	19.4	19.0	19.6	19.8
8H	18.9	19.5	19.2	19.7	20.0	18.8	19.5	19.1	19.7	20.0
12H	19.0	19.6	19.3	19.8	20.1	18.9	19.5	19.2	19.8	20.1
4H 2H	17.6	18.3	17.9	18.5	18.7	17.6	18.3	17.9	18.5	18.7
3H	18.5	19.1	18.8	19.4	19.7	18.5	19.1	18.8	19.4	19.7
4H	19.0	19.6	19.3	19.9	20.2	19.0	19.5	19.3	19.8	20.1
6H	19.5	20.0	19.8	20.3	20.6	19.5	20.0	19.8	20.3	20.6
8H	19.7	20.1	20.1	20.5	20.8	19.7	20.1	20.1	20.5	20.8
12H	19.8	20.2	20.2	20.6	21.0	19.8	20.2	20.2	20.6	21.0
8H 4H	19.2	19.6	19.6	20.0	20.4	19.2	19.6	19.5	20.0	20.3
6H	19.8	20.2	20.2	20.6	21.0	19.8	20.2	20.2	20.6	21.0
8H	20.1	20.4	20.5	20.8	21.3	20.1	20.4	20.5	20.9	21.3
12H	20.3	20.6	20.8	21.0	21.5	20.3	20.6	20.8	21.0	21.5
12H 4H	19.2	19.6	19.6	20.0	20.4	19.2	19.6	19.6	20.0	20.3
6H	19.8	20.2	20.3	20.6	21.0	19.8	20.2	20.3	20.6	21.0
8H	20.2	20.4	20.6	20.9	21.4	20.2	20.5	20.7	20.9	21.4
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, 1315 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.0$)
Area: 0.00362984 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

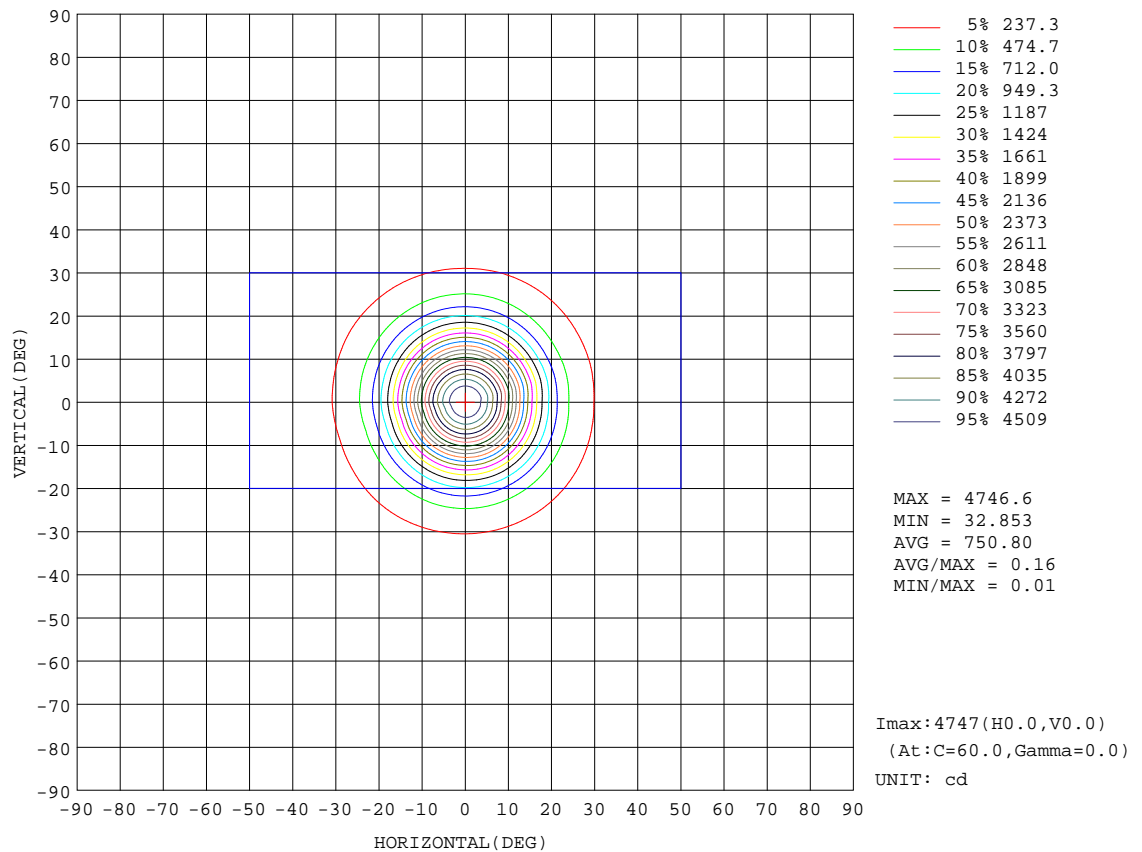
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	79	75	71
0.80	93	87	83	93	87	83	91	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: 16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

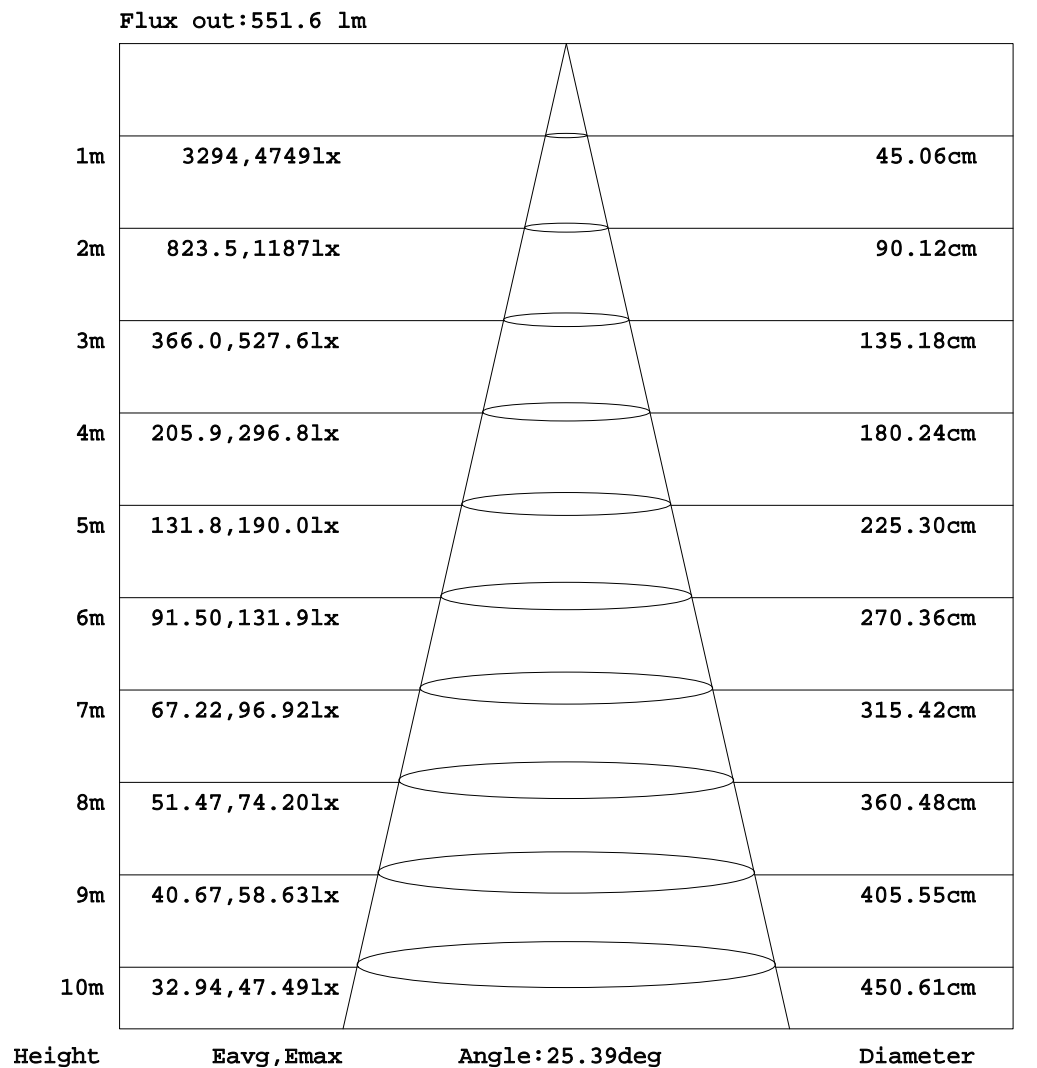


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 October 2024

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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



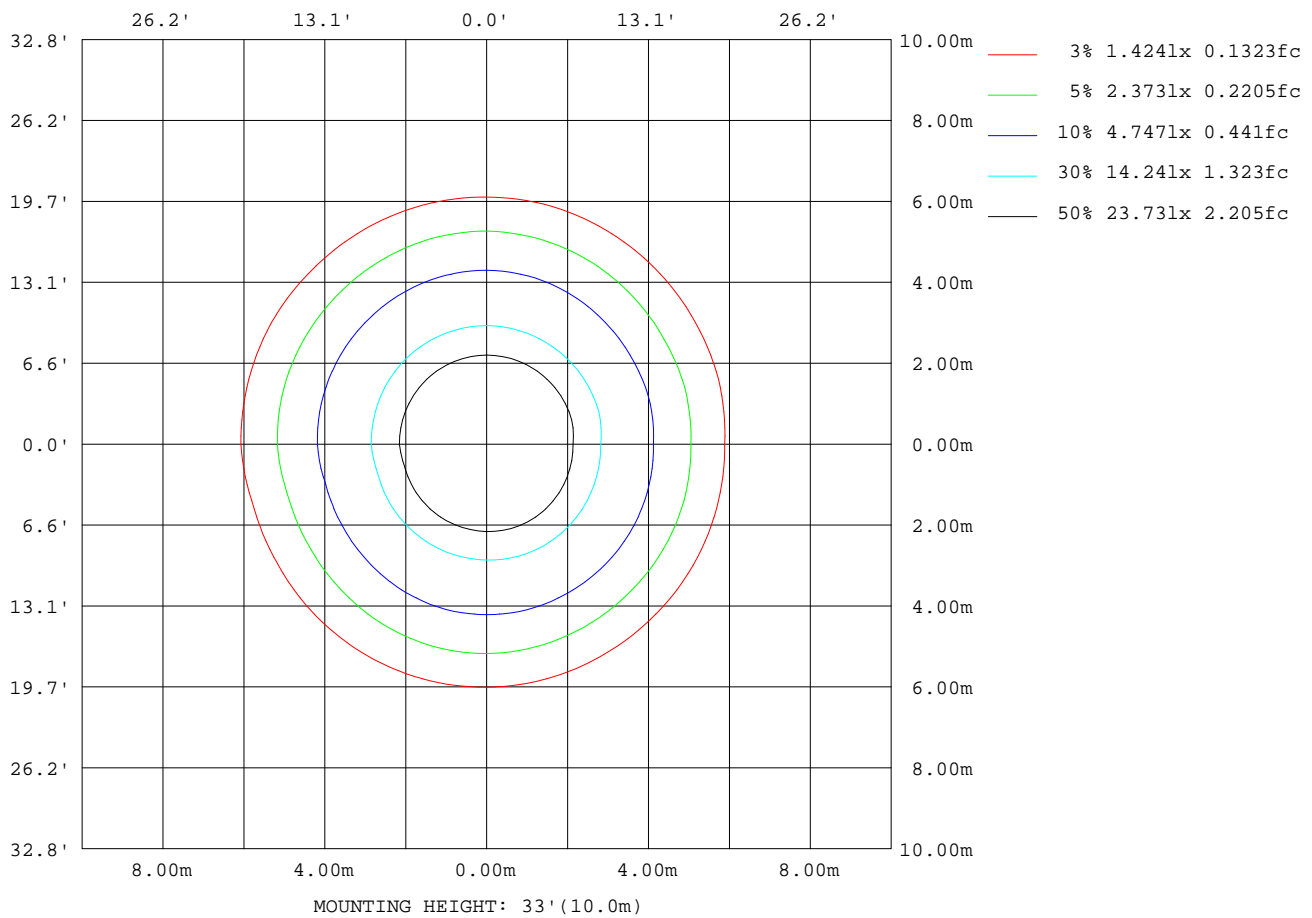
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:Alan Wang
 Test Date:16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 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: 16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

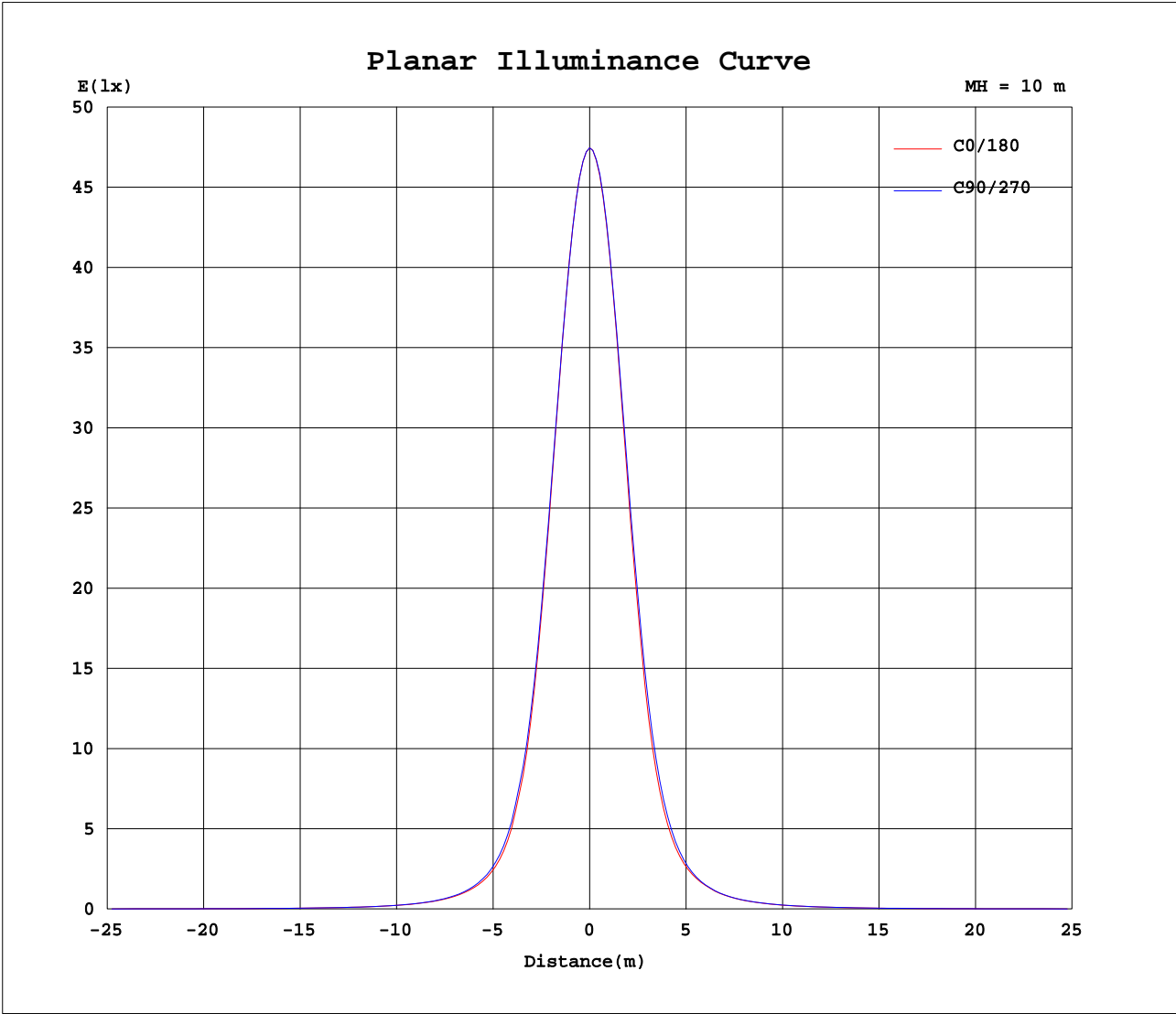
AvgL	cd/m2
L_0~180(65)av	12623
L_0~180(75)av	10828
L_0~180(85)av	10783
L_90~270(65)av	12829
L_90~270(75)av	11248
L_90~270(85)av	9972
L_45(65)av	12787
L_45(75)av	11191
L_45(85)av	10804

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 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: 16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 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	4747	4747	4743	4746	4749	4746	4746	4745	4744	4746	4743	4745	4747	4747	4743	4746	4749	4746	4746
5	4295	4304	4304	4308	4304	4299	4294	4280	4272	4267	4260	4258	4317	4318	4319	4318	4322	4324	4331
10	3109	3122	3134	3146	3150	3143	3132	3113	3096	3079	3058	3049	3139	3144	3157	3172	3179	3188	3191
15	1768	1782	1806	1829	1845	1839	1819	1800	1783	1761	1741	1722	1820	1833	1857	1881	1899	1909	1912
20	869	883	901	917	923	925	927	917	895	871	858	850	886	898	917	934	947	959	961
25	415	423	428	431	439	448	454	450	438	423	413	413	444	454	457	464	472	481	483
30	233	235	237	239	242	247	250	251	249	245	241	242	257	259	261	261	263	265	265
35	144	144	145	146	148	150	151	152	152	153	152	151	157	158	160	161	162	162	160
40	93.7	93.8	93.9	94.0	95.7	96.9	97.7	98.1	98.2	98.3	98.4	98.5	102	103	104	105	105	105	104
45	64.6	64.7	65.0	64.8	65.1	65.8	66.6	66.8	66.9	66.7	66.5	67.2	69.0	69.8	70.9	71.5	71.6	72.0	71.5
50	46.9	47.0	46.7	46.6	46.4	46.8	47.3	47.6	47.5	47.6	47.4	47.5	49.2	49.4	50.3	50.6	50.8	51.0	50.9
55	34.9	34.9	34.7	34.5	34.2	34.2	34.6	34.6	34.6	34.6	34.6	34.5	35.7	36.0	36.4	36.7	36.8	36.9	36.9
60	26.1	26.0	26.0	25.8	25.7	25.5	25.5	25.4	25.6	25.5	25.3	25.3	26.1	26.4	26.8	27.0	27.2	27.3	27.4
65	19.6	19.5	19.7	19.6	19.4	19.1	19.0	18.9	19.0	18.9	18.6	18.6	19.2	19.6	19.9	20.2	20.2	20.3	20.4
70	14.5	14.5	14.8	14.8	14.6	14.2	14.0	13.9	13.9	13.8	13.6	13.6	14.0	14.2	14.5	14.8	14.9	15.0	15.0
75	10.5	10.6	10.8	10.9	10.9	10.6	10.3	10.3	10.1	9.84	9.59	9.49	9.87	10.2	10.3	10.6	10.9	10.9	10.8
80	7.05	7.20	7.20	7.40	7.49	7.44	7.02	6.70	6.69	6.36	6.05	6.02	6.49	6.66	6.78	7.09	7.39	7.48	7.43
85	3.48	3.47	3.18	3.39	3.73	3.48	2.88	2.77	3.13	3.05	2.70	2.61	3.35	3.43	3.18	3.45	3.79	3.69	3.43
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	0.02	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	0.01	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	0.03	0.02	0.02	0.02	0.02
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	0.06	0.06	0.06	0.06	0.06	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	0.10	0.10	0.09	0.09	0.09	0.09	0.13	0.14	0.14	0.14	0.14	0.14	0.14
135	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.26	0.26	0.27	0.27	0.27	0.27	0.27
140	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.52	0.52	0.53	0.53	0.53	0.53	0.53
145	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.98	0.98	0.98	0.99	0.99	0.99	0.98
150	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.73	0.73	0.72	1.46	1.47	1.47	1.47	1.47	1.46	1.46
155	0.93	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93	0.93	0.93	1.86	1.86	1.86	1.85	1.85	1.84	1.84
160	0.95	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.95	0.95	2.10	2.10	2.09	2.09	2.08	2.07	2.07
165	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.94	0.94	2.08	2.08	2.08	2.07	2.06	2.05	2.04
170	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.91	0.91	0.91	0.90	0.90	1.80	1.80	1.80	1.78	1.77	1.76	1.75
175	0.87	0.88	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.88	0.87	1.42	1.43	1.42	1.41	1.39	1.38	1.37
180	1.08	1.08	1.07	1.07	1.06	1.05	1.05	1.06	1.05	1.06	1.07	1.06	1.08	1.09	1.08	1.07	1.06	1.05	1.05

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

Operators: Alan Wang

Test Date: 16 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:0.0840A P:10.02W PF:0.9939 Freq:60.00Hz Lamp Flux:1314.95x1 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	4745	4744	4746	4743	4745													
5	4327	4331	4334	4336	4345													
10	3194	3193	3190	3191	3194													
15	1909	1900	1886	1877	1870													
20	952	934	914	899	897													
25	475	459	442	429	429													
30	260	254	248	242	241													
35	158	155	153	150	149													
40	103	101	99.0	97.5	97.4													
45	70.6	69.6	68.1	66.8	66.4													
50	50.7	49.6	48.6	47.8	47.7													
55	36.8	36.4	35.6	35.2	35.2													
60	27.2	26.9	26.4	26.1	26.4													
65	20.4	20.1	19.8	19.7	19.9													
70	15.0	14.9	14.7	14.6	14.7													
75	10.9	10.9	10.7	10.3	10.4													
80	7.48	7.51	7.12	6.90	6.94													
85	3.41	3.72	3.78	3.50	3.52													
90	0.02	0.02	0.02	0.02	0.02													
95	0.02	0.02	0.02	0.02	0.02													
100	0.02	0.02	0.02	0.02	0.02													
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	0.27	0.27	0.26	0.26	0.26													
140	0.53	0.52	0.52	0.52	0.52													
145	0.98	0.97	0.97	0.97	0.97													
150	1.46	1.45	1.45	1.45	1.45													
155	1.84	1.84	1.84	1.84	1.84													
160	2.07	2.08	2.08	2.09	2.09													
165	2.04	2.05	2.05	2.07	2.08													
170	1.74	1.75	1.76	1.78	1.80													
175	1.37	1.38	1.39	1.41	1.42													
180	1.05	1.05	1.05	1.06	1.07													

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

Operators: Alan Wang

Test Date: 16 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: