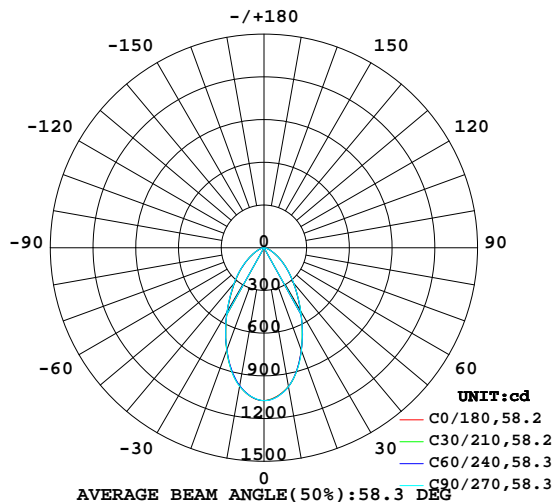


LUMINAIRE PHOTOMETRIC TEST REPORT

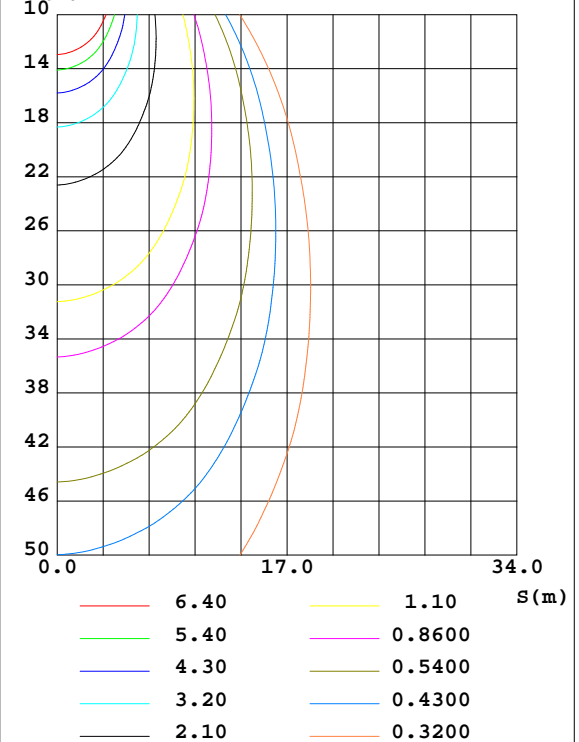
Test:U:120.0V I:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.27 lm/W			
MODEL	INDEPS010UNHD8SC2R3BZP	I _{max} (cd)	1074	S/MH(C0/180)	0.85
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1305.3	η UP,DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	1305.32	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.1
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	0.95

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	988.5	990.6	990.8	988.6	986.8	984.6	987.4	991.3	0- 10	98.25	98.25	7.53,7.53
20	766.8	767.2	769.1	759.1	761.5	766.0	763.5	765.8	10- 20	247.6	345.8	26.5,26.5
30	516.6	511.9	516.2	512.5	515.0	517.7	519.2	518.2	20- 30	291.9	637.7	48.9,48.9
40	322.6	320.2	323.9	323.3	321.2	324.8	327.0	326.9	30- 40	257.8	895.5	68.6,68.6
50	189.4	186.4	186.4	186.6	185.9	186.8	189.7	189.1	40- 50	194.1	1090	83.5,83.5
60	93.42	92.10	91.37	91.75	90.86	91.73	92.00	93.86	50- 60	121.3	1211	92.8,92.8
70	39.43	38.94	38.81	38.89	38.60	38.54	38.45	39.50	60- 70	61.65	1273	97.5,97.5
80	12.84	12.77	13.08	12.65	12.27	12.20	12.68	12.79	70- 80	25.32	1298	99.4,99.4
90	0.0223	0.0186	0.0176	0.0185	0.0325	0.0326	0.0335	0.0335	80- 90	5.918	1304	99.9,99.9
100	0.0287	0.0281	0.0294	0.0291	0.0623	0.0610	0.0611	0.0607	90-100	0.0368	1304	99.9,99.9
110	0.0508	0.0505	0.0505	0.0517	0.0936	0.0933	0.0923	0.0926	100-110	0.0618	1304	99.9,99.9
120	0.0970	0.0972	0.0984	0.0985	0.1469	0.1461	0.1450	0.1447	110-120	0.0923	1304	99.9,99.9
130	0.1871	0.1877	0.1892	0.1908	0.2759	0.2757	0.2743	0.2732	120-130	0.1522	1304	99.9,99.9
140	0.3167	0.3171	0.3202	0.3206	0.4860	0.4865	0.4839	0.4838	130-140	0.2400	1304	99.9,99.9
150	0.4696	0.4711	0.4744	0.4741	0.7828	0.7826	0.7793	0.7805	140-150	0.3206	1305	100,100
160	0.6245	0.6277	0.6307	0.6309	0.9924	0.9905	0.9854	0.9894	150-160	0.3341	1305	100,100
170	0.7016	0.7051	0.7089	0.7051	0.9779	0.9763	0.9699	0.9719	160-170	0.2377	1305	100,100
180	0.8658	0.8597	0.8524	0.8554	0.8608	0.8569	0.8497	0.8513	170-180	0.0798	1305	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1001.4 lm

%lum = 76.7%

%lamp = 76.7%

Conical surface Flux(120deg): 1210.9 lm

%lum = 92.8%

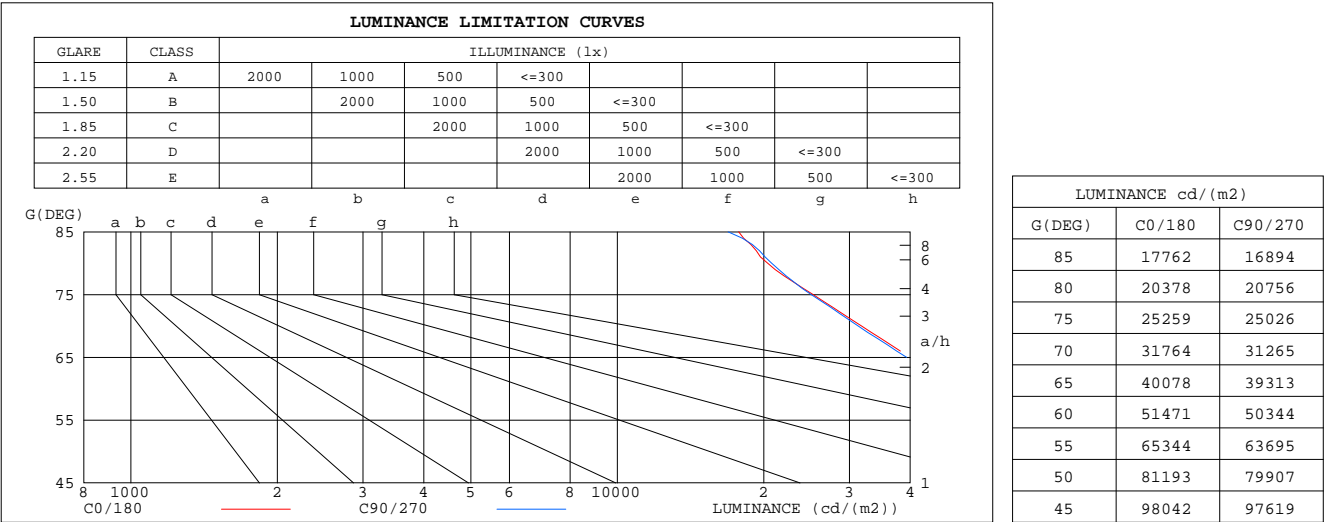
%lamp = 92.8%

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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



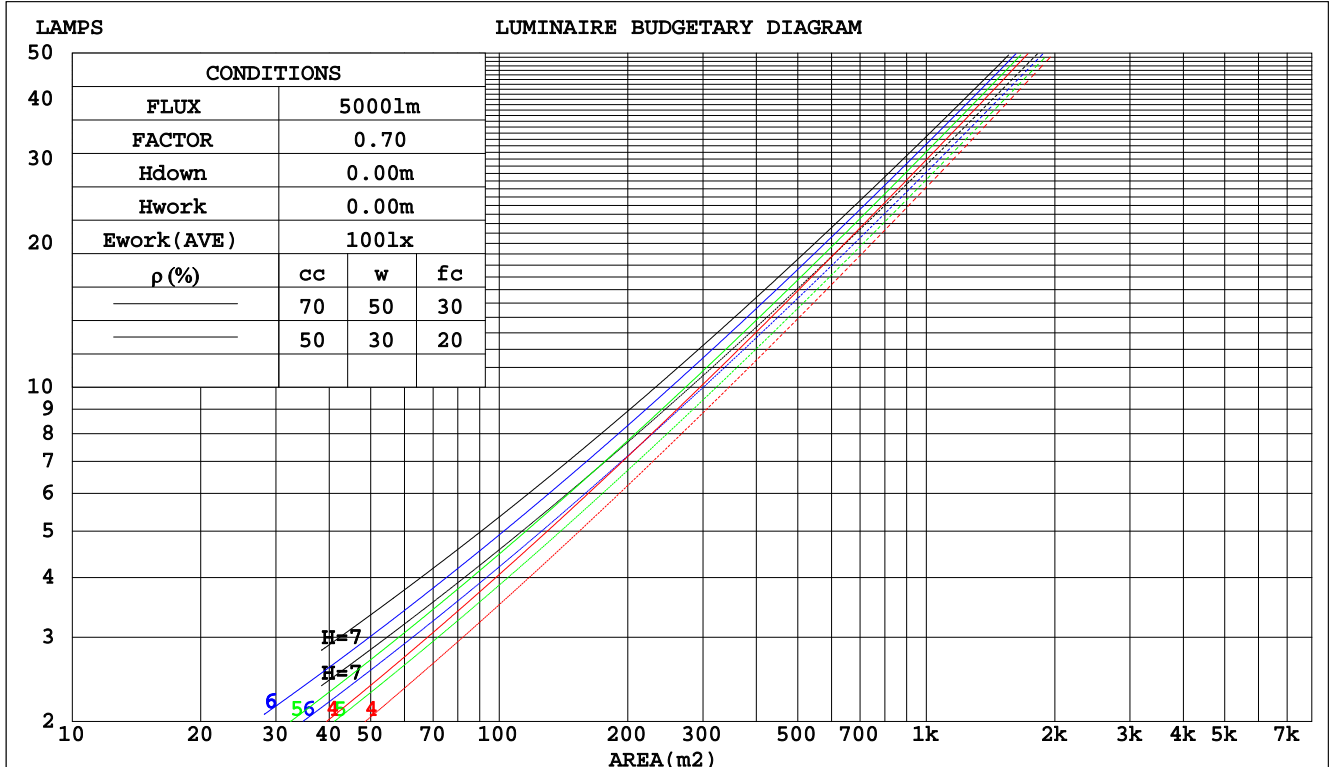
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 22 October 2024

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 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	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.92	.90
2.0	.98	.93	.88	.96	.91	.87	.93	.89	.85	.90	.86	.83	.87	.84	.82	.80
3.0	.89	.83	.78	.87	.82	.77	.85	.80	.76	.82	.78	.74	.80	.76	.73	.71
4.0	.81	.74	.69	.80	.74	.69	.78	.72	.68	.76	.71	.67	.74	.69	.66	.64
5.0	.75	.67	.62	.73	.67	.62	.72	.66	.61	.70	.64	.60	.68	.63	.60	.58
6.0	.69	.61	.56	.68	.61	.56	.66	.60	.55	.65	.59	.55	.63	.58	.55	.53
7.0	.64	.56	.51	.63	.56	.51	.61	.55	.51	.60	.55	.50	.59	.54	.50	.48
8.0	.59	.52	.47	.58	.52	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.45
9.0	.55	.48	.43	.55	.48	.43	.53	.47	.43	.53	.47	.43	.52	.46	.43	.41
10.0	.52	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44	.40	.49	.43	.40	.38



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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 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	.228	.130	.041	.221	.126	.040	.208	.120	.038	.196	.113	.036	.186	.108	.035		
2.0	.220	.120	.037	.214	.118	.036	.203	.113	.035	.193	.108	.034	.183	.104	.033		
3.0	.208	.111	.033	.203	.109	.033	.193	.105	.032	.184	.101	.031	.176	.098	.030		
4.0	.196	.102	.030	.192	.100	.030	.183	.097	.029	.175	.094	.028	.168	.091	.028		
5.0	.185	.094	.027	.181	.093	.027	.173	.090	.027	.166	.088	.026	.160	.085	.026		
6.0	.174	.087	.025	.171	.086	.025	.164	.084	.024	.158	.082	.024	.152	.080	.024		
7.0	.165	.081	.023	.161	.080	.023	.156	.079	.023	.150	.077	.022	.145	.075	.022		
8.0	.156	.076	.021	.153	.075	.021	.148	.074	.021	.143	.072	.021	.138	.071	.021		
9.0	.148	.071	.020	.145	.071	.020	.140	.069	.020	.136	.068	.019	.132	.067	.019		
10.0	.140	.067	.019	.138	.067	.019	.134	.065	.018	.130	.064	.018	.126	.063	.018		

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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.176	.158	.142	.150	.135	.122	.103	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.164	.133	.108	.140	.115	.093	.096	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.153	.115	.084	.132	.099	.073	.090	.069	.051	.052	.040	.030	.017	.013	.010	
4.0	.145	.101	.067	.124	.087	.058	.085	.061	.041	.049	.036	.024	.016	.012	.008	
5.0	.137	.090	.055	.118	.078	.048	.081	.054	.034	.047	.032	.020	.015	.010	.007	
6.0	.130	.081	.046	.112	.070	.040	.077	.049	.028	.045	.029	.017	.014	.009	.006	
7.0	.123	.074	.039	.106	.064	.034	.073	.045	.024	.043	.026	.014	.014	.009	.005	
8.0	.118	.068	.033	.101	.059	.029	.070	.041	.021	.041	.024	.012	.013	.008	.004	
9.0	.112	.063	.029	.097	.054	.026	.067	.038	.018	.039	.023	.011	.013	.007	.004	
10.0	.107	.058	.026	.092	.051	.023	.064	.036	.016	.037	.021	.010	.012	.007	.003	

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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 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	26.0	27.2	26.3	27.4	27.6	26.0	27.2	26.2	27.4	27.5	
	3H	26.4	27.6	26.7	27.8	28.0	26.4	27.5	26.7	27.7	27.9
	4H	26.6	27.6	26.9	27.8	28.1	26.5	27.6	26.8	27.8	28.0
	6H	26.6	27.6	26.9	27.8	28.1	26.6	27.6	26.9	27.8	28.1
	8H	26.6	27.6	26.9	27.8	28.1	26.6	27.5	26.9	27.8	28.1
	12H	26.6	27.5	26.9	27.8	28.1	26.6	27.5	26.9	27.8	28.0
4H	2H	26.2	27.2	26.5	27.5	27.7	26.1	27.2	26.4	27.4	27.7
	3H	26.7	27.6	27.1	27.9	28.2	26.7	27.6	27.0	27.9	28.2
	4H	26.9	27.7	27.3	28.1	28.4	26.9	27.7	27.2	28.0	28.3
	6H	27.0	27.8	27.4	28.1	28.5	27.0	27.7	27.4	28.1	28.4
	8H	27.1	27.7	27.5	28.1	28.5	27.0	27.7	27.4	28.1	28.5
	12H	27.1	27.7	27.5	28.1	28.5	27.1	27.7	27.5	28.1	28.4
8H	4H	26.9	27.6	27.3	28.0	28.3	26.9	27.6	27.3	27.9	28.3
	6H	27.1	27.7	27.5	28.1	28.5	27.1	27.6	27.5	28.0	28.5
	8H	27.2	27.7	27.6	28.1	28.5	27.2	27.6	27.6	28.1	28.5
	12H	27.2	27.6	27.7	28.1	28.6	27.2	27.6	27.7	28.1	28.5
12H	4H	26.9	27.5	27.3	27.9	28.3	26.9	27.5	27.3	27.9	28.3
	6H	27.1	27.6	27.6	28.0	28.5	27.1	27.6	27.5	28.0	28.4
	8H	27.2	27.6	27.7	28.0	28.5	27.2	27.6	27.6	28.0	28.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.9					+ 0.7 / - 0.9					
1.5H	+ 0.5 / - 0.4					+ 0.5 / - 0.4					
2.0H	+ 1.5 / - 1.4					+ 1.5 / - 1.4					

CIE Pub.117, 1305 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.9$)
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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

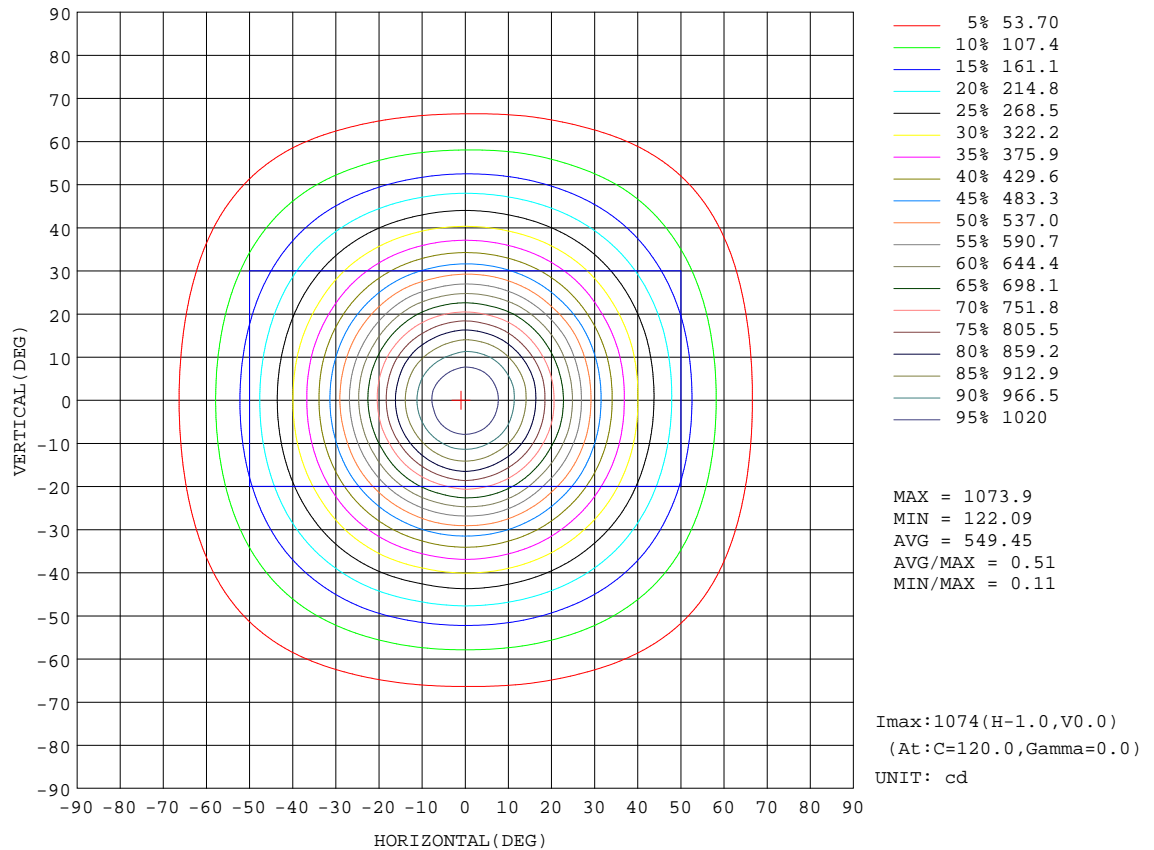
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	57	71	62	57	70	62	57	52
0.80	81	72	67	80	72	67	79	71	66	61
1.00	88	80	75	87	79	74	85	80	74	68
1.25	94	86	81	93	86	81	90	84	80	74
1.50	98	91	86	96	90	85	94	88	84	78
2.00	103	97	92	101	95	91	98	93	90	83
2.50	105	100	95	103	98	95	100	96	93	86
3.00	108	103	99	106	101	98	102	99	96	88
4.00	110	106	103	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	106	103	101	93
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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



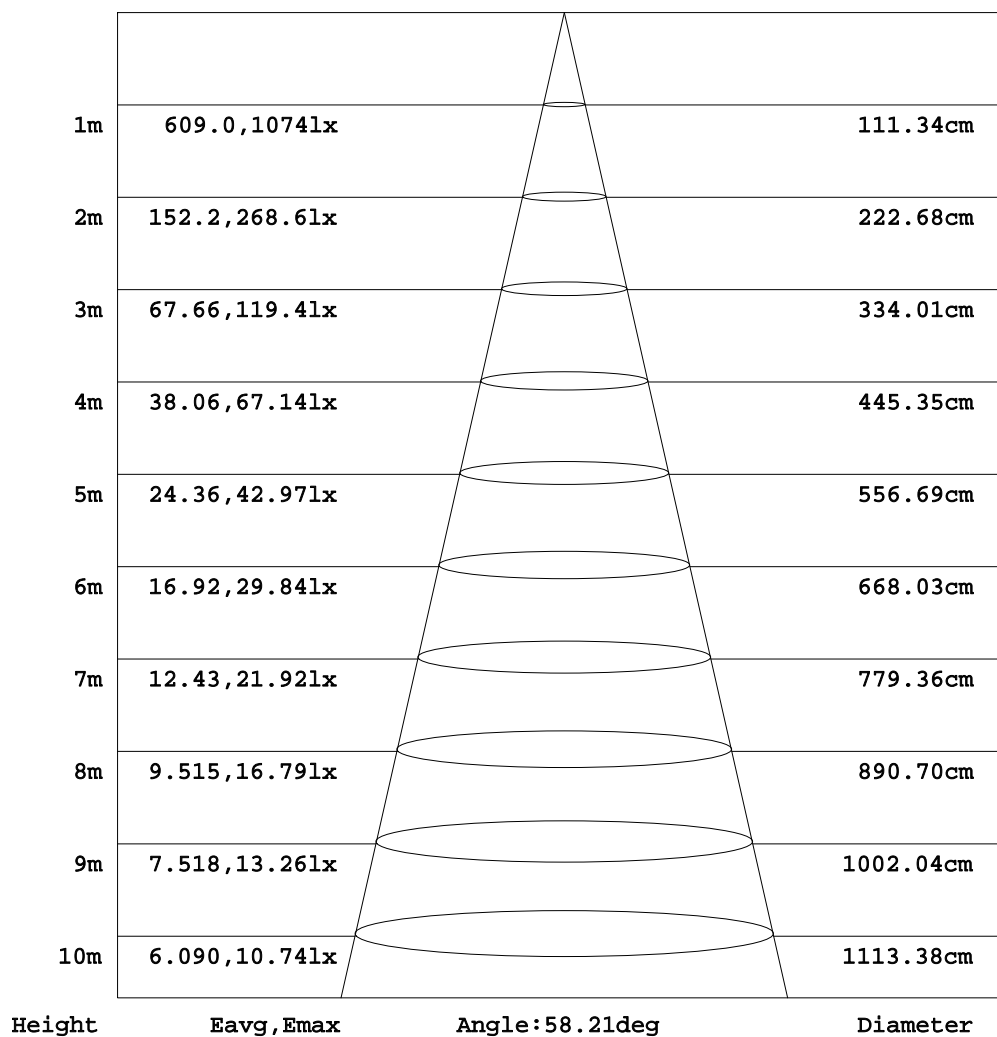
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 22 October 2024

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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:637.7 lm



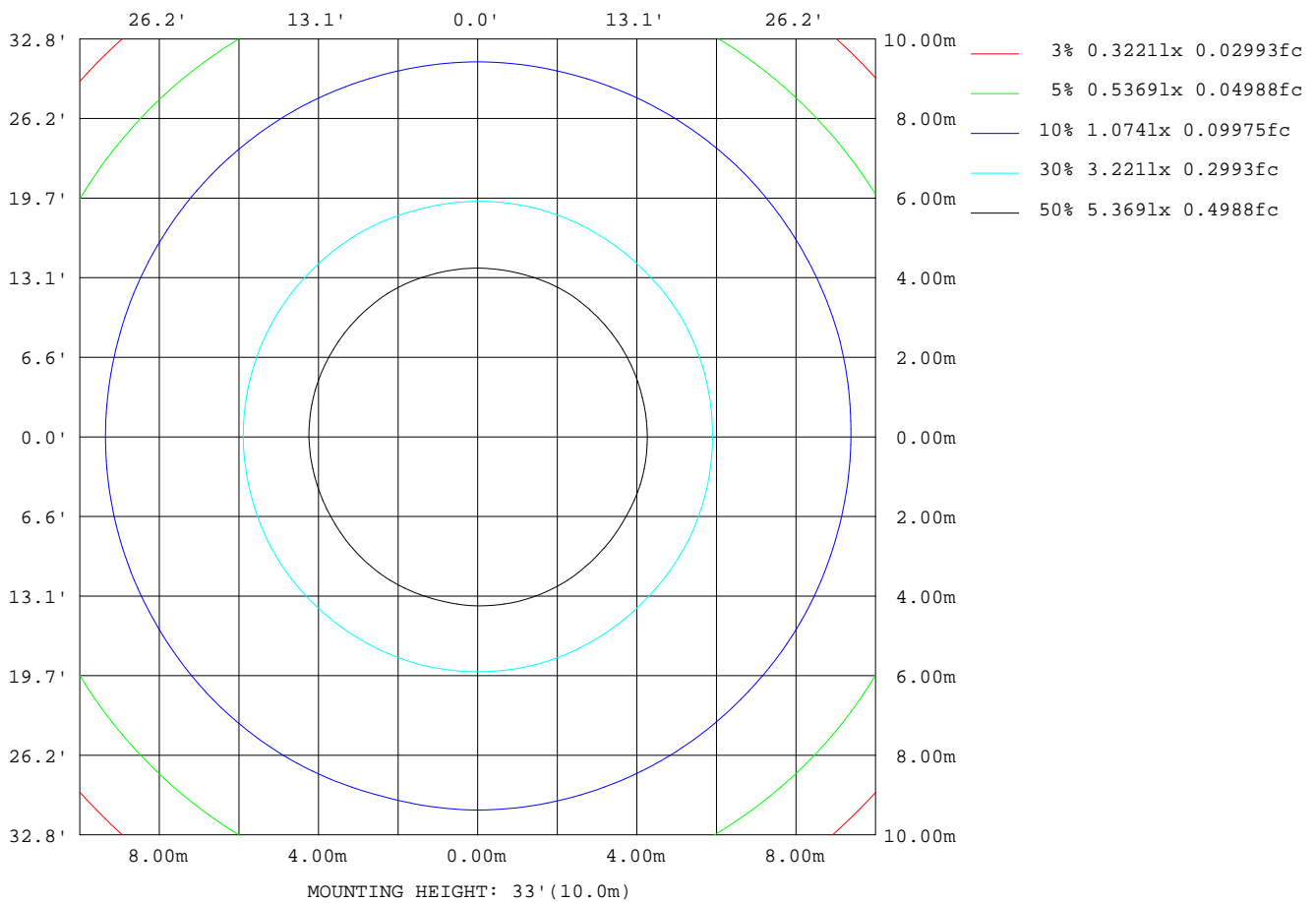
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

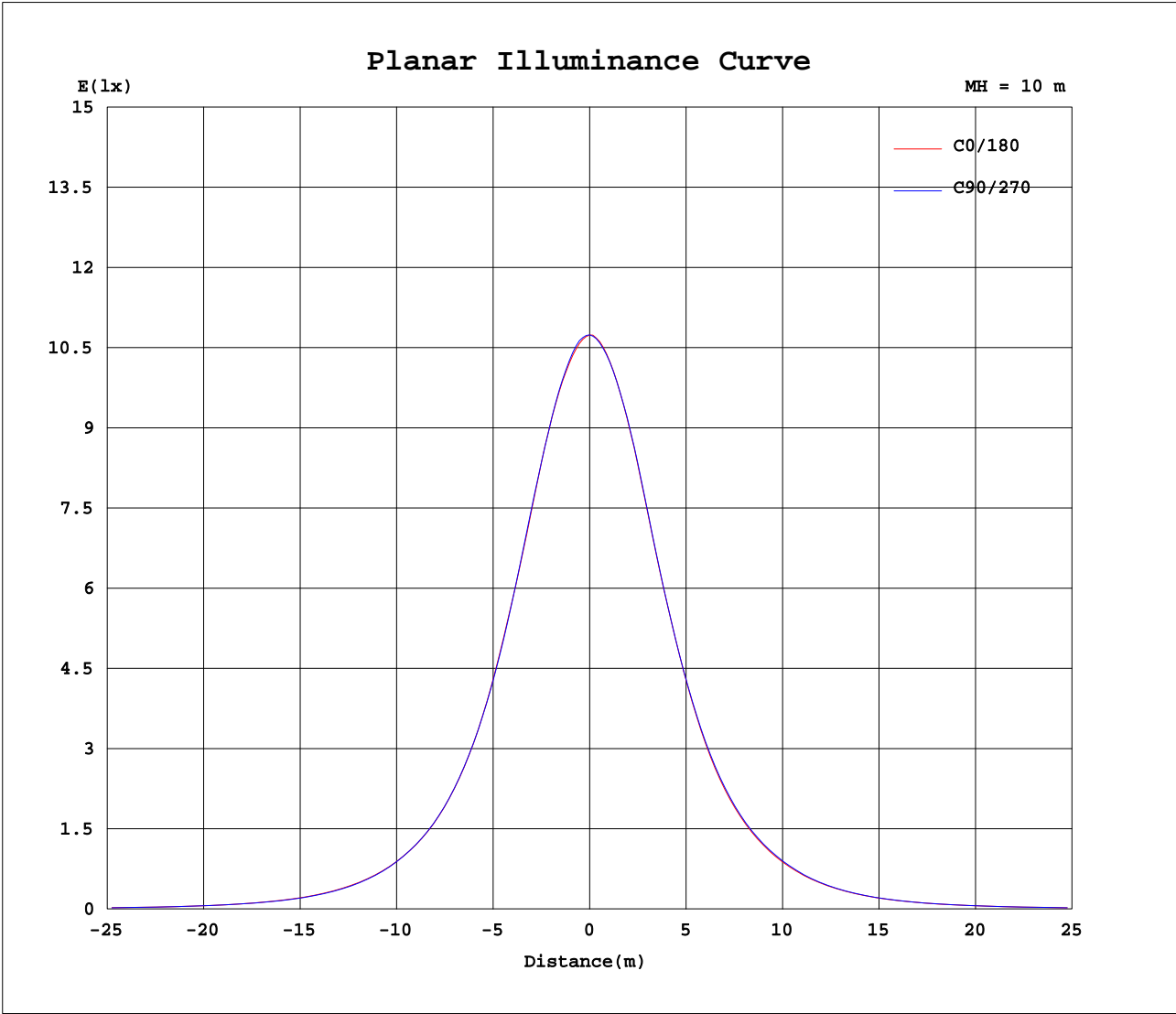
AvgL	cd/m2
L_0~180(65)av	39688
L_0~180(75)av	24856
L_0~180(85)av	17132
L_90~270(65)av	39415
L_90~270(75)av	24780
L_90~270(85)av	16710
L_45(65)av	39807
L_45(75)av	24738
L_45(85)av	16775

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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 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	1074	1074	1074	1073	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1074	1073	1074	1074	1074
5	1048	1049	1050	1050	1052	1052	1053	1053	1053	1051	1049	1049	1051	1050	1050	1049	1048	1048	1049
10	989	988	990	991	991	990	991	991	989	989	987	987	987	987	986	985	983	983	987
15	892	892	892	894	890	892	894	893	890	887	887	887	888	887	890	889	885	886	891
20	767	769	767	767	767	767	769	762	760	759	756	760	761	765	767	766	764	763	764
25	641	640	634	631	639	641	637	633	634	633	631	633	637	639	636	638	641	636	637
30	517	517	515	512	514	518	516	516	513	512	514	513	515	516	517	518	520	517	519
35	411	411	409	408	410	410	412	409	410	409	409	408	408	411	411	413	414	414	415
40	323	323	322	320	322	323	324	322	324	323	320	322	321	323	322	325	326	326	327
45	252	250	249	248	249	249	251	248	251	250	250	249	249	249	250	252	253	253	255
50	189	188	187	186	186	186	186	186	188	187	187	187	186	186	186	187	187	188	190
55	136	136	135	133	133	133	133	133	134	133	134	133	133	133	133	133	133	134	134
60	93.4	93.3	92.9	92.1	92.1	92.4	91.4	92.1	91.7	91.8	91.4	91.3	90.9	91.0	91.0	91.7	91.0	91.7	92.0
65	61.5	61.6	61.4	61.0	60.7	61.3	60.3	60.8	60.4	60.5	60.2	59.9	60.3	60.0	60.0	60.7	60.4	60.6	60.6
70	39.4	39.1	39.1	38.9	38.9	39.2	38.8	38.7	38.9	38.9	38.4	38.2	38.6	37.8	38.1	38.5	38.2	38.4	38.5
75	23.7	23.3	23.3	23.3	23.4	23.4	23.5	23.2	23.5	23.3	22.8	22.6	23.0	22.4	22.6	22.7	22.8	22.9	23.0
80	12.8	12.6	12.6	12.8	12.8	12.9	13.1	12.9	13.0	12.6	12.3	12.1	12.3	12.0	12.1	12.2	12.4	12.5	12.7
85	5.62	5.48	5.34	5.44	5.59	5.53	5.34	5.17	5.22	5.15	4.96	4.84	5.22	5.09	4.99	5.12	5.35	5.34	5.23
90	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
95	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.04	0.04	0.04	0.04	0.04	0.04
100	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.06	0.06	0.06	0.06	0.06	0.06	0.06
105	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.08	0.08	0.08	0.08	0.08	0.08
110	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09
115	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.11	0.11	0.11	0.11	0.11	0.11	0.11
120	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15
125	0.14	0.14	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.20	0.20	0.20	0.20	0.20	0.20	0.20
130	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.28	0.28	0.27	0.28	0.27	0.27	0.27
135	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.26	0.25	0.25	0.37	0.37	0.37	0.37	0.37	0.37	0.37
140	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.49	0.49	0.49	0.49	0.49	0.48	0.48
145	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.64	0.63	0.63	0.64	0.63	0.63	0.63
150	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.78	0.78	0.78	0.78	0.78	0.78	0.78
155	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.90	0.90	0.90	0.90	0.90	0.90	0.89
160	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.99	0.99	0.99	0.99	0.99	0.99	0.99
165	0.67	0.67	0.67	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	1.02	1.02	1.02	1.02	1.02	1.02	1.02
170	0.70	0.70	0.70	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.70	0.70	0.98	0.98	0.98	0.98	0.97	0.97	0.97
175	0.76	0.76	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.76	0.76	0.92	0.92	0.92	0.92	0.92	0.92	0.92
180	0.87	0.86	0.86	0.86	0.86	0.86	0.85	0.85	0.85	0.86	0.85	0.86	0.86	0.86	0.86	0.86	0.85	0.85	0.85

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:0.0840A P:10.02W PF:0.9938 Freq:60.00Hz Lamp Flux:1305.32x1 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	1074	1074	1074	1074	1074														
5	1049	1049	1049	1048	1048														
10	989	990	991	990	991														
15	890	892	893	895	896														
20	762	766	766	766	769														
25	639	643	642	642	640														
30	520	520	518	522	519														
35	414	415	415	413	414														
40	327	327	327	325	327														
45	253	254	254	254	255														
50	189	189	189	190	191														
55	136	135	136	136	137														
60	93.6	92.9	93.9	93.2	93.8														
65	62.1	61.5	62.0	62.0	62.3														
70	39.0	38.9	39.5	39.7	39.8														
75	22.9	23.3	23.6	23.8	23.7														
80	12.5	12.8	12.8	12.7	12.7														
85	5.19	5.43	5.53	5.48	5.50														
90	0.03	0.03	0.03	0.03	0.03														
95	0.04	0.04	0.04	0.04	0.04														
100	0.06	0.06	0.06	0.06	0.06														
105	0.08	0.08	0.08	0.08	0.08														
110	0.09	0.09	0.09	0.09	0.09														
115	0.11	0.11	0.11	0.11	0.11														
120	0.15	0.14	0.14	0.14	0.14														
125	0.20	0.20	0.20	0.20	0.20														
130	0.27	0.27	0.27	0.27	0.27														
135	0.37	0.37	0.37	0.37	0.37														
140	0.48	0.48	0.48	0.48	0.48														
145	0.63	0.63	0.63	0.63	0.63														
150	0.78	0.78	0.78	0.78	0.78														
155	0.89	0.90	0.90	0.90	0.90														
160	0.99	0.99	0.99	0.99	0.99														
165	1.02	1.02	1.02	1.02	1.02														
170	0.97	0.97	0.97	0.97	0.98														
175	0.91	0.92	0.92	0.92	0.92														
180	0.85	0.85	0.85	0.85	0.85														

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: