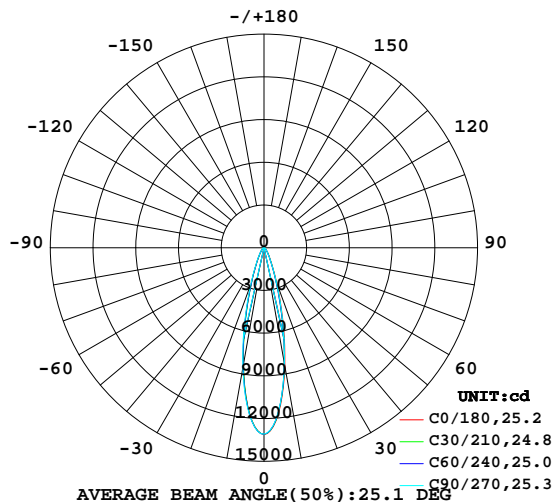


LUMINAIRE PHOTOMETRIC TEST REPORT

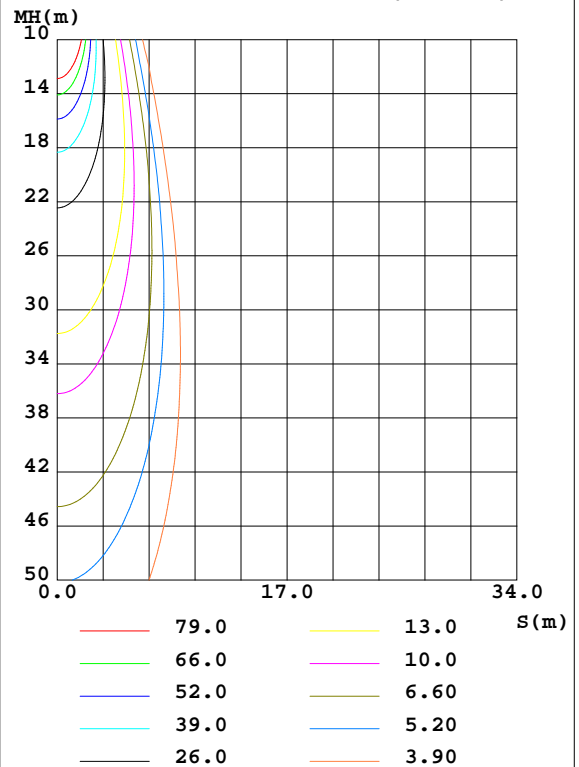
Test:U:120.0V I:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.33 lm/W			
MODEL	INDEPS030UNHD8SC2R6BZP	Imax(cd)	13104	S/MH(C0/180)	0.43
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	3848.8	η UP,DN(C0-180)	0.1,48.9
NOMINAL FLUX(lm)	3848.75	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.9
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	842.5	821.8	826.7	831.9	840.8	839.3	855.5	860.4	0- 10	1006	1006	26.1,26.1
20	260.3	241.7	249.1	263.6	256.4	250.5	266.5	282.6	10- 20	1376	2382	61.9,61.9
30	80.82	74.47	74.32	78.08	76.76	78.47	83.35	87.66	20- 30	655.7	3038	78.9,78.9
40	34.26	31.53	31.62	32.38	32.89	33.68	36.32	37.32	30- 40	321.3	3359	87.3,87.3
50	18.70	17.97	17.90	18.10	18.26	18.60	19.25	19.70	40- 50	192.4	3552	92.3,92.3
60	11.46	11.22	11.19	11.24	11.23	11.32	11.55	11.76	50- 60	130.2	3682	95.7,95.7
70	6.860	6.764	6.814	6.863	6.807	6.824	6.952	7.052	60- 70	89.05	3771	98.98
80	3.428	3.240	3.508	3.689	3.422	3.251	3.491	3.676	70- 80	53.70	3825	99.4,99.4
90	0.0104	0.0103	0.0068	0.0073	0.0073	0.0074	0.0115	0.0243	80- 90	18.61	3843	99.9,99.9
100	0.0056	0.0056	0.0056	0.0056	0.0101	0.0099	0.0099	0.0100	90-100	0.0745	3843	99.9,99.9
110	0.0080	0.0081	0.0083	0.0082	0.0129	0.0124	0.0124	0.0125	100-110	0.0961	3843	99.9,99.9
120	0.0133	0.0135	0.0140	0.0141	0.0189	0.0179	0.0178	0.0182	110-120	0.1245	3844	99.9,99.9
130	0.0296	0.0298	0.0311	0.0320	0.0460	0.0433	0.0436	0.0447	120-130	0.2159	3844	99.9,99.9
140	0.0887	0.0887	0.0908	0.0922	0.1544	0.1491	0.1500	0.1519	130-140	0.5400	3844	99.9,99.9
150	0.2009	0.2023	0.2031	0.2033	0.4083	0.4040	0.4028	0.4027	140-150	1.300	3846	99.9,99.9
160	0.2615	0.2644	0.2640	0.2622	0.5747	0.5754	0.5689	0.5684	150-160	1.718	3847	100,100
170	0.2496	0.2542	0.2548	0.2509	0.4918	0.4936	0.4847	0.4866	160-170	1.160	3848	100,100
180	0.3034	0.3006	0.2968	0.3038	0.3028	0.3017	0.2941	0.2985	170-180	0.3203	3849	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 3465.4 lm

%lum = 90.0%

%lamp = 90.0%

Conical surface Flux(120deg): 3681.8 lm

%lum = 95.7%

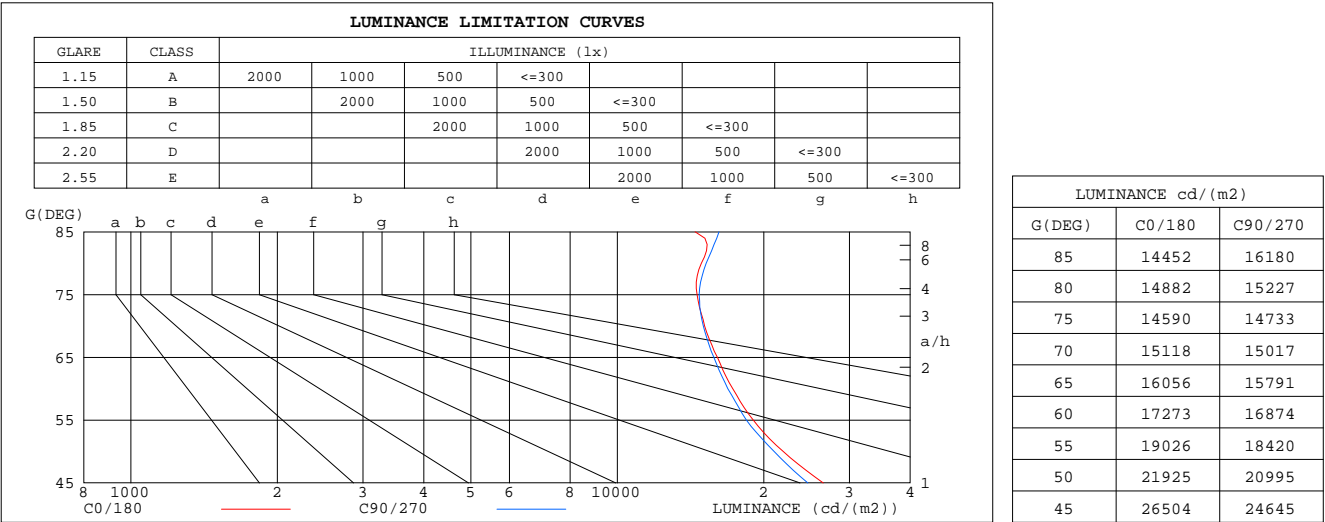
%lamp = 95.7%

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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



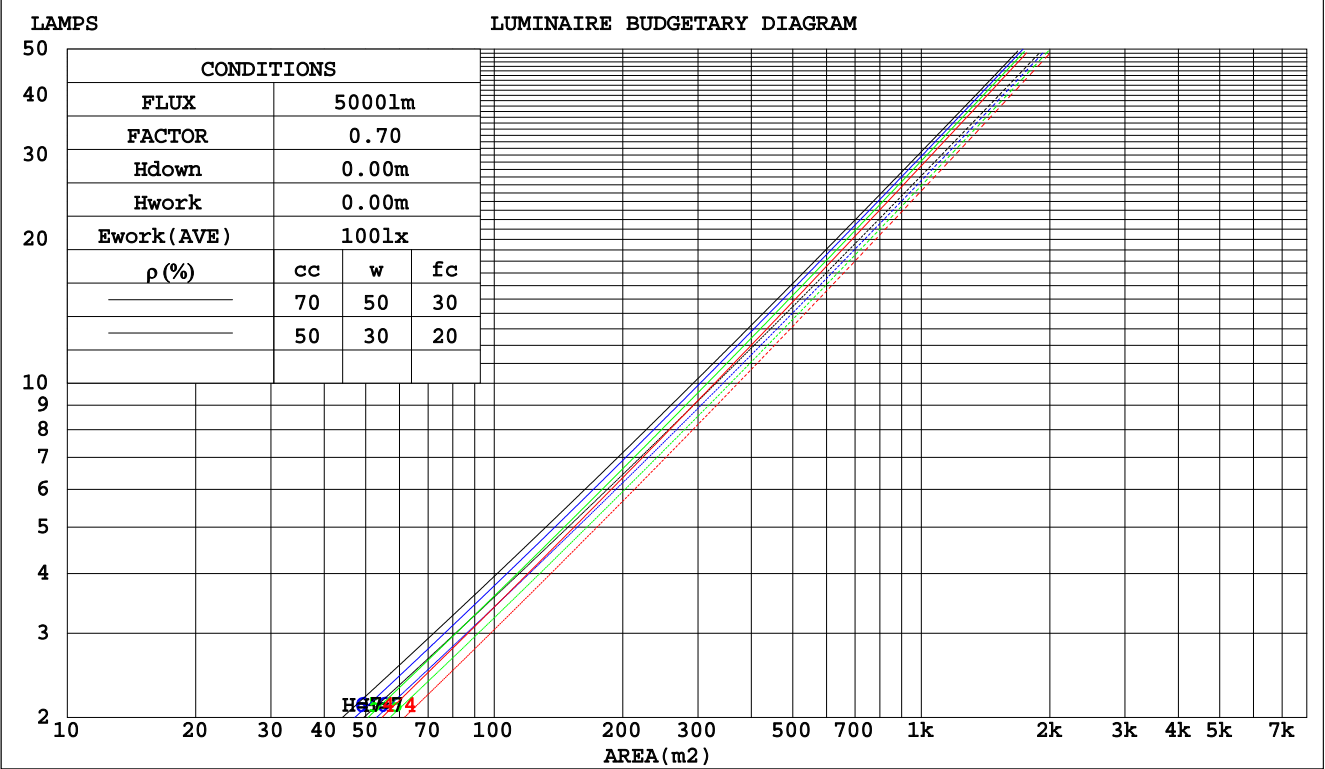
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 October 2024

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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 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	.176	.100	.032	.169	.096	.031	.156	.090	.029	.145	.084	.027	.134	.078	.025		
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.026	.138	.077	.024	.129	.073	.023		
3.0	.153	.081	.024	.148	.079	.024	.139	.075	.023	.131	.072	.022	.123	.068	.021		
4.0	.143	.074	.022	.139	.073	.021	.131	.070	.021	.124	.067	.020	.117	.064	.019		
5.0	.134	.068	.020	.130	.067	.020	.124	.064	.019	.118	.062	.018	.112	.060	.018		
6.0	.126	.063	.018	.123	.062	.018	.117	.060	.017	.112	.058	.017	.107	.056	.017		
7.0	.119	.059	.017	.116	.058	.017	.111	.056	.016	.107	.055	.016	.102	.053	.016		
8.0	.113	.055	.016	.111	.054	.015	.106	.053	.015	.102	.052	.015	.098	.050	.015		
9.0	.107	.052	.014	.105	.051	.014	.101	.050	.014	.097	.049	.014	.094	.048	.014		
10.0	.102	.049	.014	.100	.048	.014	.097	.047	.013	.093	.046	.013	.090	.045	.013		

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	.172	.158	.146	.147	.136	.126	.101	.094	.087	.058	.054	.051	.019	.017	.016	
2.0	.156	.134	.115	.134	.115	.099	.092	.080	.069	.053	.046	.040	.017	.015	.013	
3.0	.143	.115	.092	.123	.099	.080	.084	.069	.056	.049	.040	.033	.016	.013	.011	
4.0	.132	.100	.075	.113	.086	.065	.078	.060	.046	.045	.035	.027	.014	.011	.009	
5.0	.122	.088	.063	.105	.076	.054	.072	.053	.038	.042	.031	.023	.013	.010	.008	
6.0	.114	.078	.053	.098	.068	.046	.067	.047	.033	.039	.028	.019	.013	.009	.006	
7.0	.106	.070	.045	.092	.061	.039	.063	.043	.028	.037	.025	.017	.012	.008	.005	
8.0	.100	.064	.039	.086	.055	.034	.060	.039	.024	.035	.023	.014	.011	.008	.005	
9.0	.094	.058	.034	.081	.051	.030	.056	.036	.021	.033	.021	.013	.011	.007	.004	
10.0	.089	.054	.030	.077	.047	.026	.053	.033	.019	.031	.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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 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	18.5	19.4	18.8	19.5	19.7	18.3	19.1	18.5	19.3	19.5	
	3H	19.6	20.4	19.8	20.6	20.8	19.4	20.2	19.6	20.4	20.6
	4H	20.1	20.8	20.3	21.0	21.3	19.9	20.7	20.2	20.9	21.1
	6H	20.5	21.2	20.8	21.5	21.7	20.4	21.1	20.7	21.3	21.6
	8H	20.7	21.4	21.0	21.6	21.9	20.6	21.3	20.9	21.5	21.8
	12H	20.8	21.5	21.2	21.8	22.0	20.8	21.4	21.1	21.7	22.0
4H	2H	18.9	19.7	19.2	19.9	20.1	18.7	19.5	19.0	19.7	19.9
	3H	20.2	20.8	20.5	21.1	21.4	20.0	20.7	20.4	21.0	21.2
	4H	20.8	21.4	21.2	21.7	22.0	20.7	21.3	21.0	21.6	21.9
	6H	21.4	21.9	21.8	22.3	22.6	21.3	21.8	21.7	22.1	22.5
	8H	21.6	22.1	22.0	22.5	22.9	21.5	22.0	21.9	22.4	22.8
	12H	21.8	22.3	22.3	22.7	23.1	21.8	22.2	22.2	22.6	23.0
8H	4H	21.0	21.5	21.4	21.9	22.2	20.9	21.4	21.3	21.7	22.1
	6H	21.8	22.2	22.2	22.6	23.0	21.6	22.1	22.1	22.5	22.9
	8H	22.1	22.5	22.6	22.9	23.4	22.0	22.4	22.4	22.8	23.2
	12H	22.4	22.7	22.9	23.2	23.7	22.3	22.6	22.8	23.1	23.6
12H	4H	21.0	21.5	21.4	21.9	22.2	20.9	21.4	21.3	21.7	22.1
	6H	21.8	22.2	22.3	22.6	23.0	21.7	22.1	22.1	22.5	22.9
	8H	22.2	22.5	22.7	23.0	23.5	22.1	22.4	22.6	22.9	23.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					
1.5H	+ 0.4 / - 0.2					+ 0.3 / - 0.2					
2.0H	+ 0.5 / - 0.3					+ 0.4 / - 0.3					

CIE Pub.117, 3849 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.7$)
Area: 0.0132665 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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

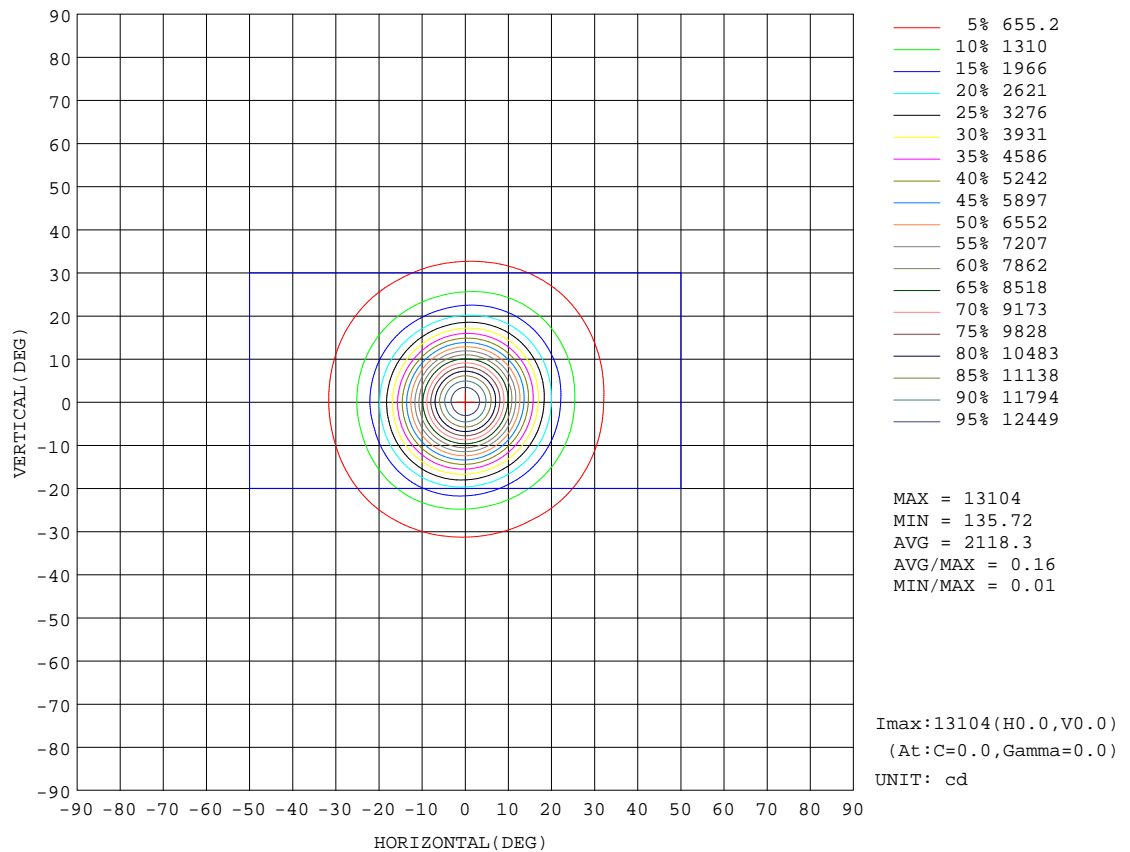
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	83	77	72	82	76	72	68
0.80	91	85	81	91	84	81	89	84	80	76
1.00	96	90	86	95	89	86	94	89	85	81
1.25	101	95	91	99	94	90	97	93	89	85
1.50	103	98	94	102	97	94	100	96	93	88
2.00	107	102	98	105	101	97	102	99	96	90
2.50	109	104	101	107	103	100	104	101	98	92
3.00	110	107	103	109	105	102	105	102	100	93
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	109	112	110	108	108	106	105	97
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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



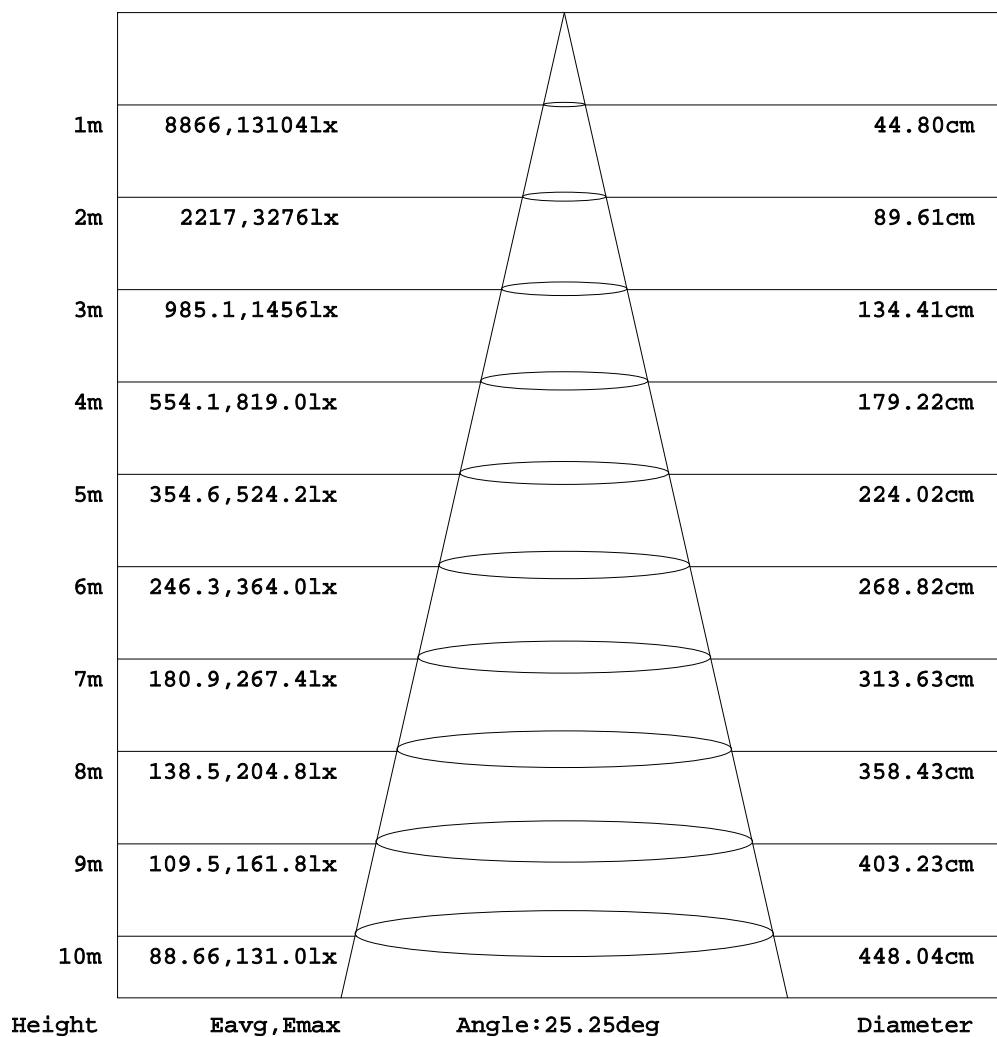
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 October 2024

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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:1485 lm



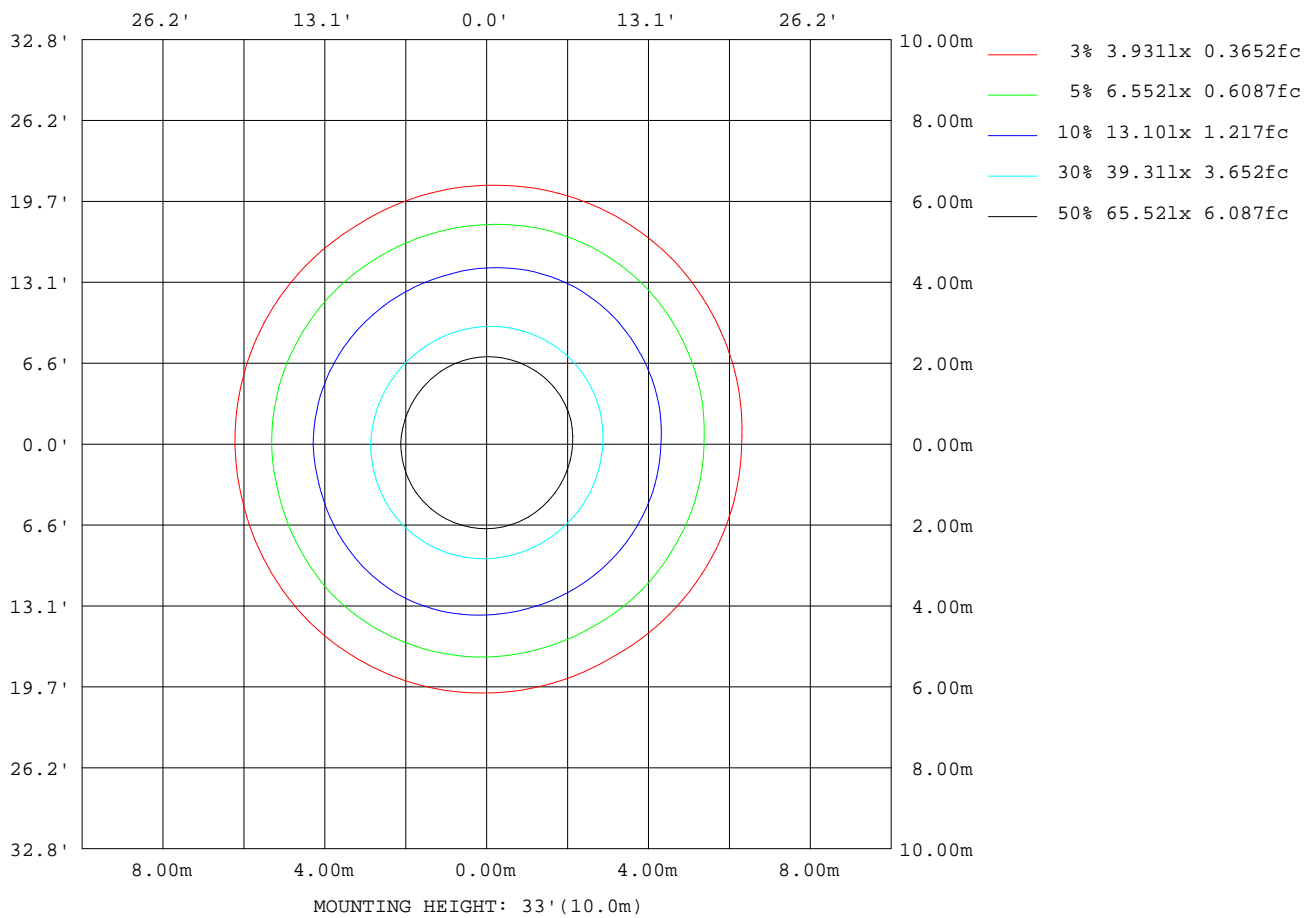
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Alan Wang
 Test Date: 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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

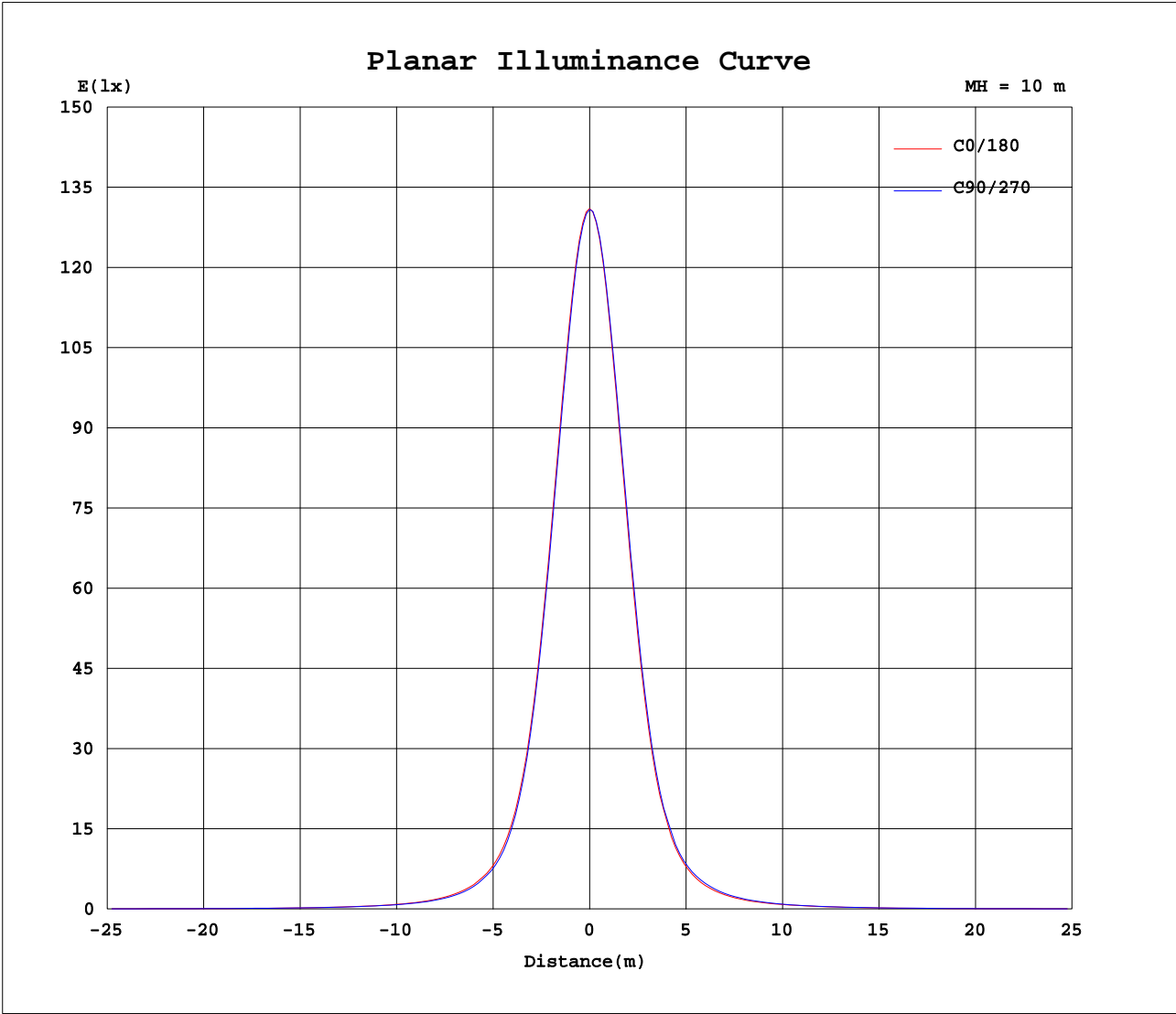
AvgL	cd/m2
L_0~180(65)av	15945
L_0~180(75)av	14552
L_0~180(85)av	14215
L_90~270(65)av	15968
L_90~270(75)av	14799
L_90~270(85)av	15941
L_45(65)av	15957
L_45(75)av	14708
L_45(85)av	15079

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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1310	1310	1309	1310	1309	1309	1309	1308	1308	1308	1308	1307	1310	1310	1309	1310	1309	1309	1309
5	1169	1165	1163	1161	1160	1158	1157	1156	1157	1158	1159	1160	1169	1169	1171	1173	1174	1175	1176
10	843	832	825	822	824	825	827	828	830	832	835	835	841	836	835	839	846	852	855
15	501	489	481	476	476	481	488	494	499	502	503	499	500	493	490	491	498	507	514
20	260	253	248	242	239	242	249	258	263	264	260	257	256	253	252	251	251	257	266
25	136	134	130	127	125	125	127	132	136	135	133	131	133	133	133	132	133	135	140
30	80.8	79.5	76.8	74.5	72.2	73.1	74.3	75.6	77.3	78.1	77.2	75.9	76.8	77.7	78.2	78.5	78.9	81.1	83.3
35	50.9	49.4	47.9	46.7	46.3	45.9	46.4	46.9	47.5	47.3	47.3	47.4	48.7	49.0	49.5	50.1	51.0	52.1	53.3
40	34.3	33.2	32.3	31.5	31.3	31.3	31.6	31.9	32.0	32.4	32.6	32.5	32.9	33.1	33.4	33.7	34.5	35.3	36.3
45	24.9	24.2	23.6	23.3	23.1	23.0	23.1	23.4	23.6	23.7	23.7	23.7	24.1	24.2	24.3	24.6	24.9	25.3	25.9
50	18.7	18.4	18.2	18.0	17.8	17.8	17.9	18.0	18.1	18.1	18.1	18.0	18.3	18.4	18.5	18.6	18.7	18.9	19.3
55	14.5	14.4	14.3	14.2	14.0	13.9	14.0	14.2	14.2	14.2	14.1	14.0	14.2	14.3	14.4	14.4	14.4	14.5	14.7
60	11.5	11.4	11.3	11.2	11.1	11.1	11.2	11.3	11.3	11.2	11.2	11.1	11.2	11.3	11.3	11.3	11.3	11.4	11.6
65	9.00	9.01	8.90	8.81	8.80	8.78	8.85	8.89	8.91	8.89	8.86	8.81	8.88	8.88	8.88	8.88	8.91	8.97	9.05
70	6.86	6.83	6.78	6.76	6.74	6.78	6.81	6.85	6.86	6.86	6.85	6.80	6.81	6.82	6.80	6.82	6.83	6.89	6.95
75	5.01	4.96	4.93	4.85	4.82	4.93	5.06	5.13	5.18	5.18	5.14	5.04	4.98	4.96	4.97	4.93	4.91	5.01	5.10
80	3.43	3.39	3.37	3.24	3.16	3.32	3.51	3.63	3.66	3.69	3.64	3.53	3.42	3.37	3.36	3.25	3.22	3.34	3.49
85	1.67	1.74	1.81	1.72	1.55	1.74	1.87	1.75	1.60	1.75	1.95	1.84	1.62	1.69	1.75	1.66	1.55	1.71	1.82
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.01	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	0.01	0.01	0.01	0.01	0.01	0.01
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	0.01	0.01	0.01	0.01	0.01	0.01	0.01
120	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
125	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
130	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.04	0.04	0.04	0.04	0.04	0.04
135	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.05	0.08	0.08	0.08	0.08	0.08	0.08	0.08
140	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	0.15	0.15	0.15
145	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.28	0.28	0.27	0.27	0.27	0.27	0.27
150	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.41	0.41	0.41	0.40	0.40	0.40	0.40
155	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.51	0.51	0.51	0.51	0.51	0.51	0.51
160	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.57	0.58	0.58	0.58	0.57	0.57	0.57
165	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.57	0.57	0.57	0.57	0.57	0.57	0.56
170	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.49	0.49	0.49	0.49	0.49	0.49	0.48
175	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.39	0.39	0.39	0.39	0.39	0.39	0.38
180	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.29

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:0.2487A P:29.76W PF:0.9972 Freq:60.00Hz Lamp Flux:3848.75x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	1308	1308	1308	1308	1307													
5	1176	1177	1176	1175	1173													
10	857	859	860	861	855													
15	521	527	529	526	517													
20	277	283	283	278	270													
25	147	151	150	146	142													
30	85.9	87.1	87.7	86.0	83.7													
35	54.6	55.4	55.1	54.2	52.7													
40	36.8	37.1	37.3	36.9	35.9													
45	26.4	26.6	26.5	26.1	25.6													
50	19.5	19.7	19.7	19.4	19.2													
55	15.0	15.1	15.0	14.8	14.7													
60	11.7	11.8	11.8	11.6	11.5													
65	9.15	9.19	9.19	9.16	9.10													
70	7.01	7.04	7.05	7.05	6.99													
75	5.14	5.17	5.23	5.23	5.15													
80	3.58	3.59	3.68	3.66	3.59													
85	1.77	1.67	1.84	1.97	1.92													
90	0.02	0.02	0.02	0.02	0.03													
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	0.01	0.01	0.01	0.01													
110	0.01	0.01	0.01	0.01	0.01													
115	0.01	0.01	0.01	0.01	0.01													
120	0.02	0.02	0.02	0.02	0.02													
125	0.03	0.03	0.03	0.03	0.03													
130	0.04	0.04	0.04	0.04	0.04													
135	0.08	0.08	0.08	0.08	0.08													
140	0.15	0.15	0.15	0.15	0.15													
145	0.27	0.27	0.27	0.27	0.27													
150	0.40	0.40	0.40	0.40	0.40													
155	0.51	0.51	0.51	0.51	0.51													
160	0.57	0.57	0.57	0.57	0.57													
165	0.56	0.56	0.56	0.56	0.57													
170	0.48	0.48	0.49	0.49	0.49													
175	0.38	0.38	0.39	0.39	0.39													
180	0.29	0.30	0.30	0.30	0.30													

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: