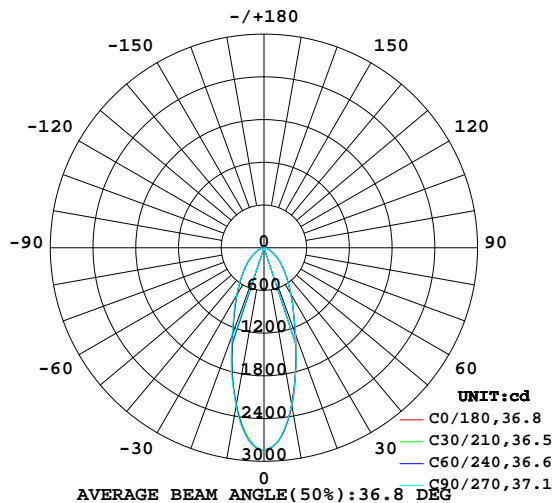


LUMINAIRE PHOTOMETRIC TEST REPORT

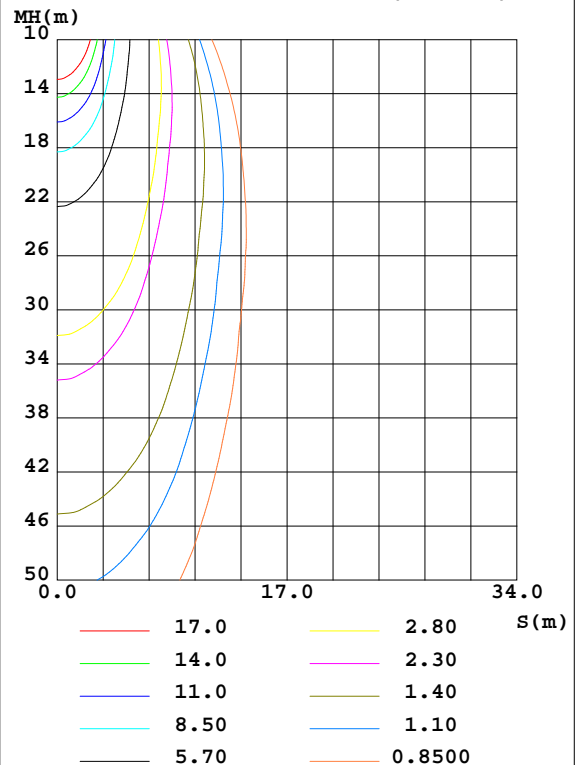
Test:U:120.0V I:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.13 lm/W			
MODEL	INDFPS030UNHD8SC2R6BZP	Imax(cd)	2849	S/MH(C0/180)	0.58
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	2184.1	η UP,DN(C0-180)	0.0,49.5
NOMINAL FLUX(lm)	2184.12	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.4
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	0.70

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	2259	2233	2234	2246	2245	2236	2258	2277	0- 10	241.4	241.4	11.1,11.1
20	1305	1276	1290	1311	1297	1285	1315	1343	10- 20	482.7	724.0	33.1,33.1
30	767.6	752.9	751.5	762.4	756.1	758.4	773.0	787.6	20- 30	456.2	1180	54,54
40	467.2	456.8	452.8	458.2	458.1	461.4	470.4	478.9	30- 40	373.4	1554	71.1,71.1
50	280.3	275.5	271.7	271.7	274.9	276.0	281.1	284.3	40- 50	279.8	1833	83.9,83.9
60	149.3	147.4	144.2	142.8	145.1	147.4	148.7	149.8	50- 60	185.3	2019	92.4,92.4
70	69.60	68.70	67.66	66.49	67.69	68.89	69.92	70.05	60- 70	102.8	2122	97.1,97.1
80	25.52	24.66	25.24	25.40	24.67	24.55	26.03	26.67	70- 80	47.14	2169	99.3,99.3
90	0.1423	0.0796	0.0610	0.0566	0.0612	0.0618	0.1121	0.2872	80- 90	12.73	2181	99.9,99.9
100	0.0479	0.0497	0.0495	0.0498	0.1025	0.1008	0.0984	0.0979	90-100	0.0658	2181	99.9,99.9
110	0.0820	0.0825	0.0837	0.0843	0.1492	0.1466	0.1439	0.1432	100-110	0.0999	2182	99.9,99.9
120	0.1484	0.1510	0.1544	0.1552	0.2212	0.2172	0.2155	0.2162	110-120	0.1430	2182	99.9,99.9
130	0.2823	0.2854	0.2908	0.2920	0.4200	0.4112	0.4113	0.4121	120-130	0.2296	2182	99.9,99.9
140	0.5208	0.5206	0.5280	0.5314	0.8182	0.8070	0.8069	0.8107	130-140	0.3794	2182	99.9,99.9
150	0.8451	0.8468	0.8539	0.8545	1.495	1.480	1.478	1.483	140-150	0.5697	2183	99.9,99.9
160	1.123	1.125	1.129	1.125	1.956	1.956	1.937	1.946	150-160	0.6333	2184	100,100
170	1.208	1.213	1.219	1.208	1.854	1.852	1.828	1.837	160-170	0.4445	2184	100,100
180	1.482	1.462	1.449	1.489	1.470	1.467	1.441	1.456	170-180	0.1408	2184	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1705.3 lm

%lum = 78.1%

%lamp = 78.1%

Conical surface Flux(120deg): 2018.8 lm

%lum = 92.4%

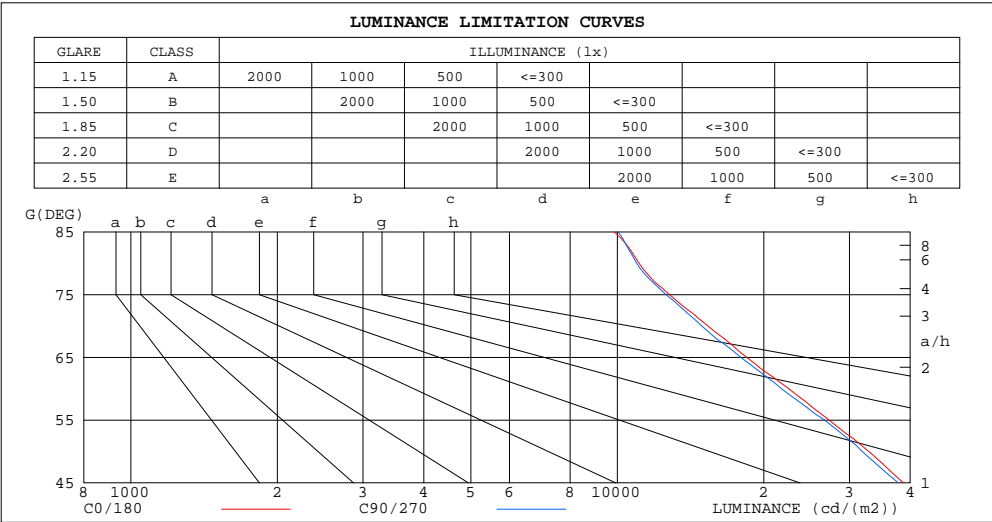
%lamp = 92.4%

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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 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	9848	10038
80	11079	10955
75	12790	12577
70	15340	14913
65	18452	17918
60	22504	21740
55	27253	26680
50	32865	31859
45	38690	37834

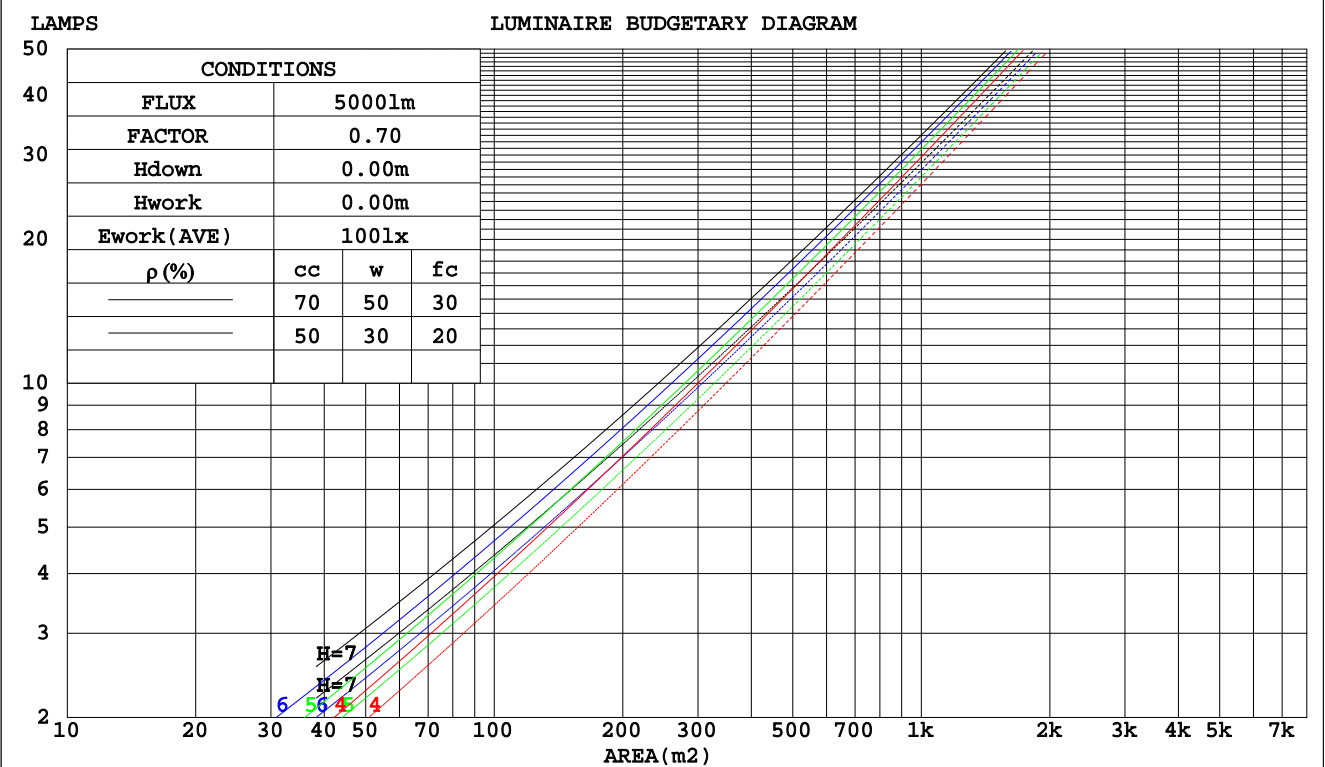
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:Alan Wang
Test Date:16 October 2024

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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 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	.223	.127	.040	.216	.123	.039	.203	.116	.037	.191	.110	.035	.180	.104	.034		
2.0	.213	.117	.036	.207	.114	.035	.196	.109	.034	.186	.104	.033	.176	.100	.031		
3.0	.200	.107	.032	.195	.105	.031	.186	.101	.031	.177	.097	.030	.169	.093	.029		
4.0	.188	.098	.029	.184	.096	.028	.176	.093	.028	.168	.090	.027	.161	.087	.027		
5.0	.177	.090	.026	.173	.089	.026	.166	.086	.025	.159	.084	.025	.153	.081	.024		
6.0	.167	.083	.024	.163	.082	.024	.157	.080	.023	.151	.078	.023	.145	.076	.023		
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.143	.073	.021	.138	.072	.021		
8.0	.149	.073	.020	.146	.072	.020	.141	.070	.020	.136	.069	.020	.131	.067	.020		
9.0	.141	.068	.019	.138	.067	.019	.134	.066	.019	.129	.065	.019	.125	.064	.018		
10.0	.134	.064	.018	.131	.063	.018	.127	.062	.018	.123	.061	.017	.120	.060	.017		

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	.175	.158	.142	.150	.135	.122	.103	.093	.085	.059	.054	.049	.019	.017	.016	
2.0	.163	.133	.109	.139	.115	.094	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.152	.115	.085	.130	.099	.074	.089	.069	.052	.052	.040	.031	.017	.013	.010	
4.0	.143	.101	.068	.123	.087	.059	.084	.061	.042	.049	.035	.025	.016	.012	.008	
5.0	.135	.089	.056	.116	.077	.049	.080	.054	.034	.046	.032	.020	.015	.010	.007	
6.0	.127	.080	.047	.109	.070	.041	.075	.049	.029	.044	.029	.017	.014	.009	.006	
7.0	.121	.073	.040	.104	.063	.035	.072	.044	.025	.042	.026	.015	.013	.009	.005	
8.0	.115	.067	.034	.099	.058	.030	.068	.041	.021	.040	.024	.013	.013	.008	.004	
9.0	.109	.062	.030	.094	.054	.026	.065	.038	.019	.038	.022	.011	.012	.007	.004	
10.0	.104	.058	.027	.090	.050	.023	.062	.035	.017	.036	.021	.010	.012	.007	.003	

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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 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	2H	22.6	23.8	22.9	23.9	24.1	22.5	23.7	22.8	23.8	24.0
	3H	23.2	24.3	23.5	24.5	24.7	23.1	24.2	23.4	24.4	24.6
	4H	23.4	24.4	23.7	24.6	24.9	23.3	24.3	23.6	24.5	24.8
	6H	23.5	24.5	23.9	24.7	25.0	23.4	24.4	23.7	24.6	24.9
	8H	23.6	24.5	23.9	24.8	25.0	23.5	24.4	23.8	24.6	24.9
	12H	23.6	24.5	23.9	24.7	25.0	23.5	24.4	23.8	24.6	24.9
4H	2H	22.9	23.9	23.1	24.1	24.3	22.8	23.8	23.1	24.0	24.2
	3H	23.6	24.5	23.9	24.8	25.0	23.5	24.4	23.8	24.7	25.0
	4H	23.9	24.7	24.3	25.0	25.3	23.8	24.6	24.2	24.9	25.2
	6H	24.1	24.8	24.5	25.2	25.5	24.0	24.7	24.4	25.1	25.4
	8H	24.2	24.8	24.6	25.2	25.6	24.1	24.7	24.5	25.1	25.5
	12H	24.2	24.8	24.7	25.2	25.6	24.1	24.7	24.6	25.1	25.5
8H	4H	24.0	24.6	24.4	25.0	25.3	23.9	24.5	24.3	24.9	25.3
	6H	24.3	24.8	24.7	25.2	25.6	24.2	24.7	24.6	25.1	25.5
	8H	24.4	24.9	24.8	25.3	25.7	24.3	24.8	24.7	25.2	25.6
	12H	24.5	24.9	25.0	25.3	25.8	24.4	24.8	24.9	25.2	25.7
12H	4H	23.9	24.5	24.4	24.9	25.3	23.8	24.4	24.3	24.8	25.2
	6H	24.3	24.7	24.7	25.2	25.6	24.2	24.6	24.6	25.1	25.5
	8H	24.4	24.8	24.9	25.3	25.7	24.3	24.7	24.8	25.2	25.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.7					
1.5H	+ 0.3 / - 0.3					+ 0.3 / - 0.4					
2.0H	+ 1.0 / - 0.9					+ 1.1 / - 0.9					

CIE Pub.117, 2184 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.7$)
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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

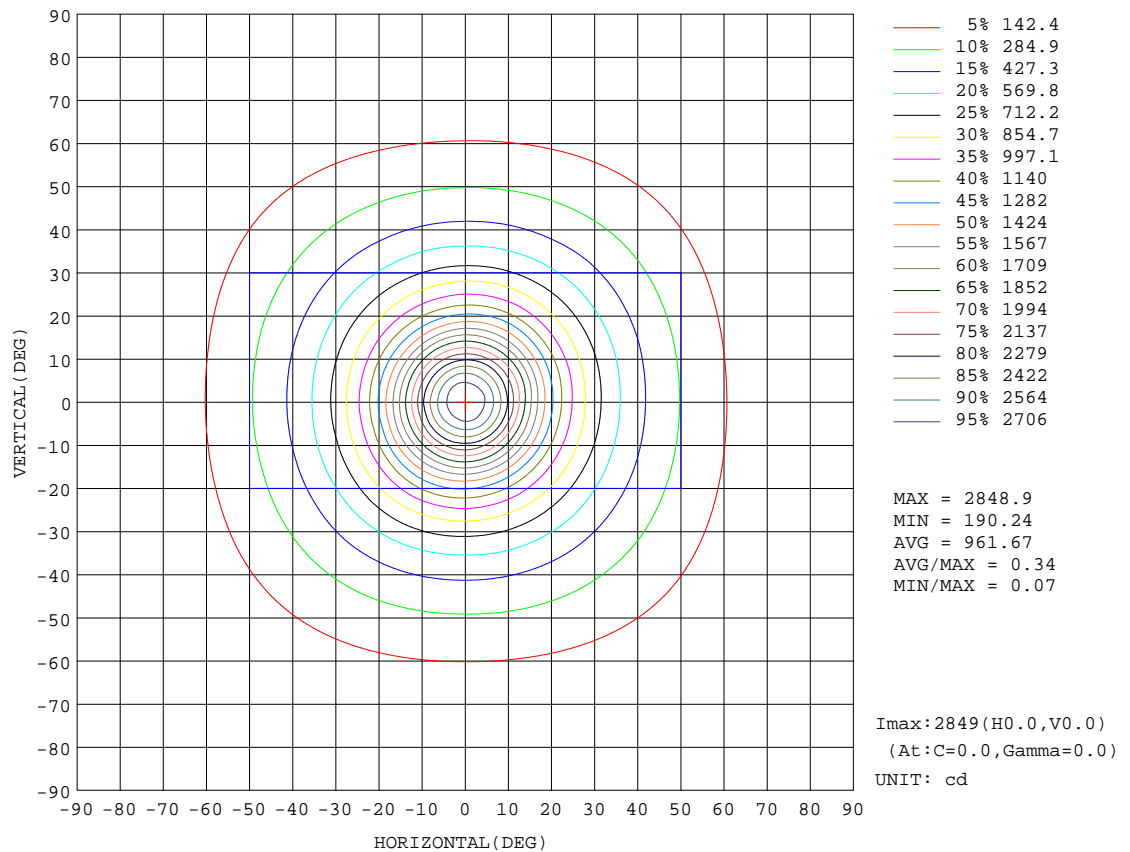
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	65	59	73	64	59	72	64	59	54
0.80	82	74	69	82	74	68	80	73	68	63
1.00	89	81	76	88	81	76	86	81	75	70
1.25	95	87	82	93	87	82	91	85	81	75
1.50	98	92	87	97	91	86	94	89	85	79
2.00	103	97	93	101	96	92	98	94	90	84
2.50	106	100	96	104	99	95	100	96	93	86
3.00	108	103	99	106	102	98	102	99	96	89
4.00	111	107	104	108	105	102	105	102	99	92
5.00	112	109	106	110	107	105	106	104	102	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: 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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

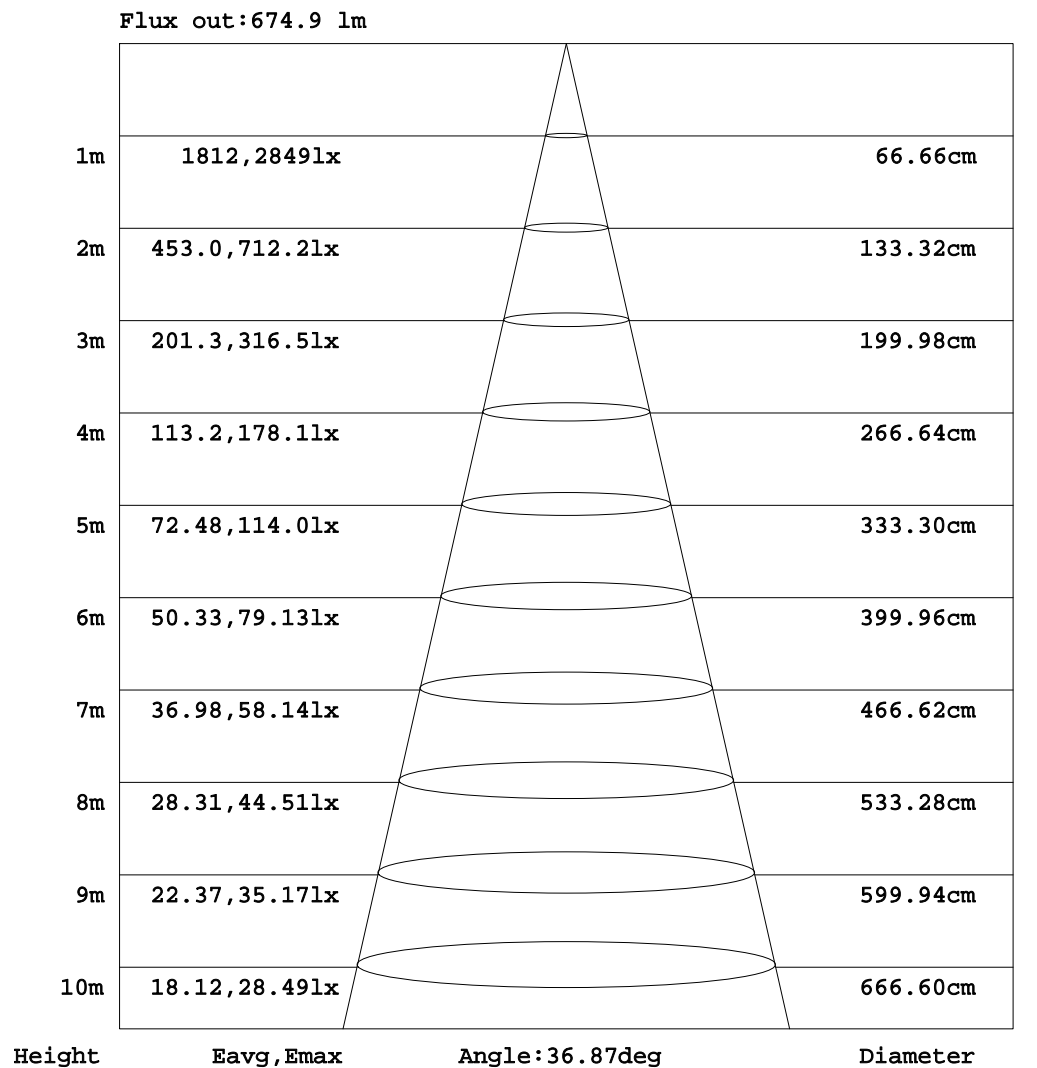


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 October 2024

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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



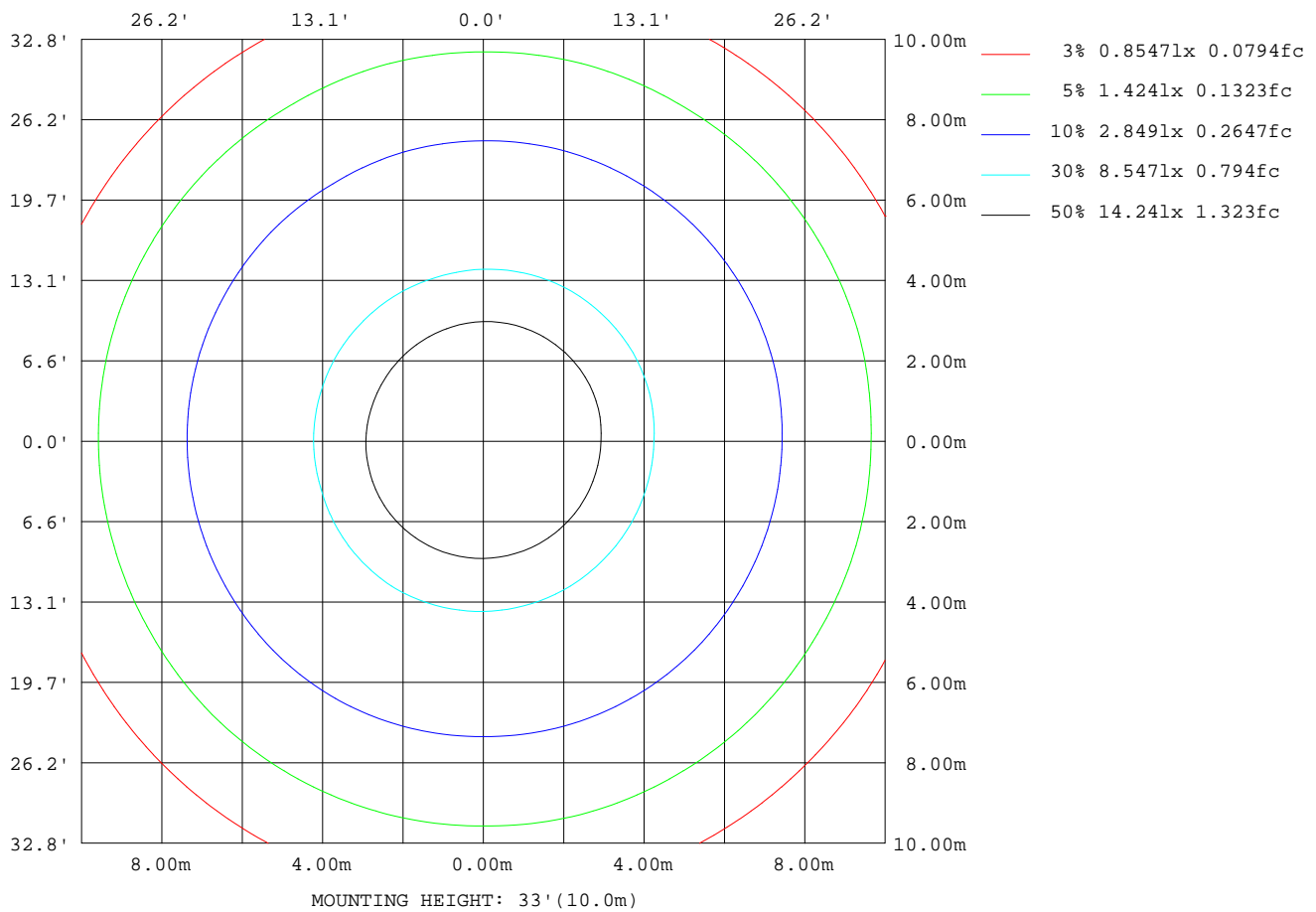
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

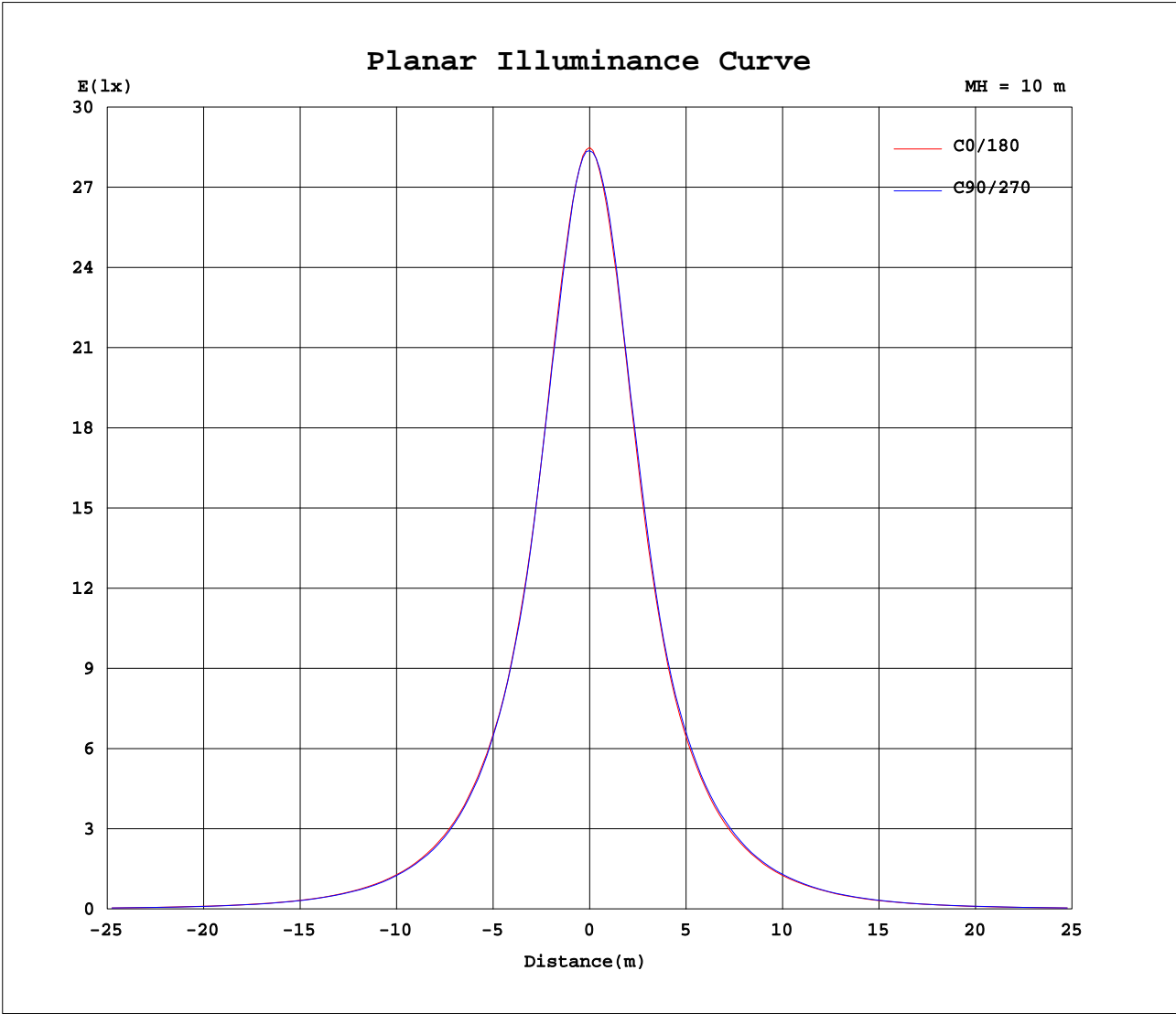
AvgL	cd/m2
L_0~180(65)av	18196
L_0~180(75)av	12589
L_0~180(85)av	9477
L_90~270(65)av	18227
L_90~270(75)av	12839
L_90~270(85)av	10235
L_45(65)av	18206
L_45(75)av	12659
L_45(85)av	9846

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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 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	2849	2847	2843	2836	2835	2835	2837	2847	2846	2846	2842	2835	2849	2847	2843	2836	2835	2835	2837
5	2676	2672	2671	2680	2678	2676	2673	2662	2658	2660	2659	2671	2665	2665	2667	2679	2684	2686	2686
10	2259	2249	2240	2233	2231	2235	2234	2247	2245	2246	2243	2235	2245	2237	2235	2236	2243	2252	2258
15	1737	1724	1716	1719	1723	1727	1737	1735	1738	1739	1739	1739	1735	1725	1723	1735	1744	1758	1773
20	1305	1292	1284	1276	1277	1281	1290	1305	1313	1311	1302	1287	1297	1291	1288	1285	1288	1298	1315
25	984	976	969	971	972	973	979	980	989	983	975	972	976	974	976	978	983	987	1000
30	768	762	757	753	752	752	751	761	763	762	754	747	756	759	763	758	763	766	773
35	596	590	585	589	587	586	583	586	588	586	581	584	585	588	590	596	596	604	605
40	467	464	459	457	457	455	453	458	459	458	454	452	458	461	462	461	464	468	470
45	363	361	358	359	357	357	355	355	356	355	352	354	355	359	358	361	361	366	368
50	280	279	278	276	275	274	272	273	274	272	270	270	275	277	277	276	278	280	281
55	207	207	207	207	207	205	203	201	201	200	199	200	203	205	206	207	208	209	209
60	149	149	149	147	146	145	144	145	144	143	141	142	145	147	148	147	148	148	149
65	103	104	103	103	102	101	100	100	99.7	98.5	98.2	99.1	101	102	102	103	103	104	104
70	69.6	69.7	69.2	68.7	68.2	68.0	67.7	67.3	66.9	66.5	66.2	66.3	67.7	68.5	68.8	68.9	69.3	69.7	69.9
75	43.9	43.7	43.6	43.4	43.1	43.3	43.2	42.7	42.4	42.4	42.3	42.3	42.5	42.7	43.2	43.5	43.8	44.6	45.0
80	25.5	25.3	25.2	24.7	24.4	24.8	25.2	25.5	25.3	25.4	25.2	24.7	24.7	24.5	24.8	24.5	24.8	25.4	26.0
85	11.4	11.5	11.7	11.4	10.8	11.3	11.6	11.2	10.6	11.1	11.7	11.3	10.5	10.7	11.1	11.0	10.8	11.5	12.1
90	0.14	0.14	0.07	0.08	0.06	0.07	0.06	0.06	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.08	0.11
95	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	0.07
100	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10	0.10	0.10	0.10	0.10	0.10	0.10
105	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.13	0.13	0.13	0.13	0.13	0.13	0.13
110	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.15	0.15	0.15	0.15	0.15	0.14	0.14
115	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.18	0.17	0.18	0.17	0.17	0.17	0.17
120	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.15	0.15	0.22	0.22	0.22	0.22	0.22	0.22	0.22
125	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.30	0.30	0.30	0.30	0.30	0.30	0.30
130	0.28	0.29	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.42	0.42	0.41	0.41	0.41	0.41	0.41
135	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.58	0.58	0.58	0.58	0.58	0.58	0.58
140	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.82	0.82	0.81	0.81	0.81	0.81	0.81
145	0.68	0.69	0.69	0.69	0.69	0.70	0.70	0.70	0.70	0.70	0.70	0.70	1.15	1.15	1.15	1.15	1.15	1.15	1.15
150	0.85	0.85	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	1.50	1.49	1.49	1.48	1.48	1.48	1.48
155	1.03	1.03	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.76	1.76	1.76	1.76	1.76	1.76	1.75
160	1.12	1.13	1.12	1.12	1.13	1.13	1.13	1.13	1.13	1.12	1.12	1.12	1.96	1.96	1.96	1.96	1.95	1.94	1.94
165	1.18	1.18	1.19	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	1.18	1.99	1.99	1.99	1.99	2.00	1.99	1.98
170	1.21	1.21	1.21	1.21	1.22	1.22	1.22	1.22	1.22	1.21	1.20	1.21	1.85	1.86	1.86	1.85	1.85	1.84	1.83
175	1.25	1.26	1.27	1.28	1.27	1.27	1.27	1.27	1.26	1.26	1.25	1.25	1.65	1.65	1.65	1.65	1.65	1.64	1.63
180	1.48	1.48	1.48	1.46	1.46	1.45	1.45	1.45	1.49	1.49	1.47	1.52	1.47	1.48	1.47	1.47	1.46	1.45	1.44

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:0.1276A P:15.26W PF:0.9963 Freq:60.00Hz Lamp Flux:2184.12x1 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	2847	2846	2846	2842	2835													
5	2678	2679	2680	2683	2689													
10	2270	2276	2277	2274	2262													
15	1772	1781	1785	1782	1775													
20	1334	1346	1343	1340	1321													
25	1006	1015	1012	1010	1004													
30	783	786	788	785	777													
35	607	609	611	608	609													
40	476	475	479	477	473													
45	369	368	371	370	370													
50	283	284	284	284	282													
55	210	209	210	209	209													
60	151	150	150	149	148													
65	104	104	104	103	104													
70	70.4	70.3	70.0	70.2	69.8													
75	44.6	44.4	44.6	44.7	44.9													
80	26.4	26.3	26.7	26.6	26.1													
85	11.8	11.5	12.0	12.5	12.3													
90	0.16	0.19	0.29	0.28	0.25													
95	0.07	0.07	0.07	0.07	0.07													
100	0.10	0.10	0.10	0.10	0.10													
105	0.12	0.12	0.12	0.12	0.12													
110	0.14	0.14	0.14	0.14	0.14													
115	0.17	0.17	0.17	0.17	0.17													
120	0.22	0.22	0.22	0.22	0.21													
125	0.30	0.29	0.29	0.29	0.29													
130	0.41	0.41	0.41	0.41	0.41													
135	0.58	0.57	0.58	0.57	0.57													
140	0.81	0.81	0.81	0.81	0.80													
145	1.14	1.14	1.14	1.14	1.15													
150	1.48	1.48	1.48	1.48	1.48													
155	1.75	1.75	1.75	1.75	1.75													
160	1.94	1.95	1.95	1.95	1.94													
165	1.97	1.97	1.97	1.98	1.99													
170	1.82	1.83	1.84	1.84	1.84													
175	1.63	1.63	1.63	1.64	1.65													
180	1.44	1.45	1.46	1.46	1.46													

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: