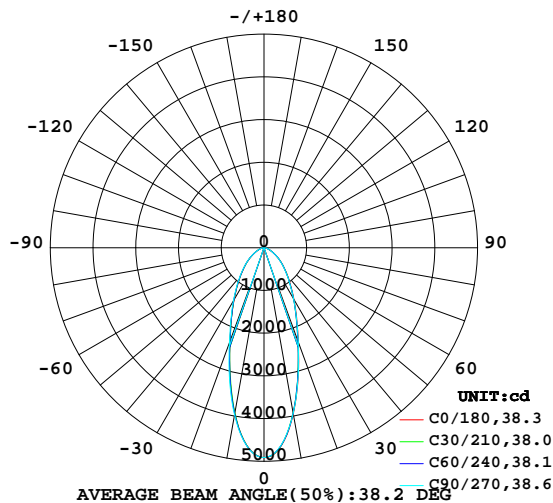


LUMINAIRE PHOTOMETRIC TEST REPORT

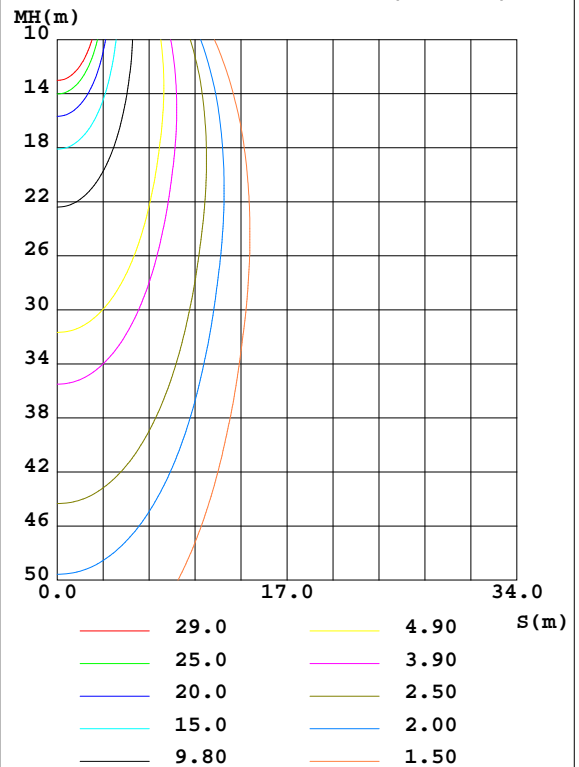
Test:U:120.0V I:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.18 lm/W			
MODEL	INDEP S030UNHD8SC2R6BZP	I _{max} (cd)	4914	S/MH(C0/180)	0.60
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	3981.0	η UP,DN(C0-180)	0.0,49.5
NOMINAL FLUX(lm)	3980.97	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.3
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	3952	3929	3938	3942	3940	3937	3974	3984	0- 10	420.8	420.8	10.6,10.6
20	2357	2321	2349	2377	2337	2322	2372	2407	10- 20	859.8	1281	32.2,32.2
30	1407	1388	1389	1400	1398	1408	1434	1450	20- 30	835.6	2116	53.2,53.2
40	867.6	851.5	845.1	851.5	852.3	861.7	877.4	887.1	30- 40	692.0	2808	70.5,70.5
50	520.4	513.1	507.5	506.0	512.0	516.1	524.7	528.4	40- 50	521.1	3329	83.6,83.6
60	275.9	274.3	269.0	264.6	271.3	275.8	278.5	279.1	50- 60	345.3	3675	92.3,92.3
70	128.4	127.5	125.5	122.8	125.2	128.0	129.7	129.3	60- 70	190.9	3865	97.1,97.1
80	46.63	45.35	46.38	46.36	45.35	45.40	48.00	48.80	70- 80	87.07	3953	99.3,99.3
90	0.2692	0.1403	0.0904	0.0993	0.1152	0.1158	0.1880	0.5078	80- 90	23.49	3976	99.9,99.9
100	0.0913	0.0927	0.0936	0.0933	0.1905	0.1900	0.1866	0.1837	90-100	0.1248	3976	99.9,99.9
110	0.1534	0.1558	0.1582	0.1585	0.2762	0.2738	0.2700	0.2680	100-110	0.1874	3976	99.9,99.9
120	0.2784	0.2827	0.2871	0.2860	0.4113	0.4072	0.4039	0.4025	110-120	0.2672	3977	99.9,99.9
130	0.5265	0.5336	0.5413	0.5426	0.7729	0.7646	0.7653	0.7638	120-130	0.4267	3977	99.9,99.9
140	0.9511	0.9545	0.9661	0.9679	1.482	1.472	1.475	1.473	130-140	0.6977	3978	99.9,99.9
150	1.525	1.531	1.539	1.538	2.666	2.657	2.653	2.650	140-150	1.030	3979	99.9,99.9
160	2.022	2.034	2.037	2.026	3.489	3.491	3.459	3.466	150-160	1.135	3980	100,100
170	2.187	2.206	2.213	2.185	3.318	3.324	3.285	3.288	160-170	0.7980	3981	100,100
180	2.683	2.667	2.636	2.693	2.672	2.665	2.621	2.636	170-180	0.2545	3981	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3090.4 lm

%lum = 77.6%

%lamp = 77.6%

Conical surface Flux(120deg): 3674.6 lm

%lum = 92.3%

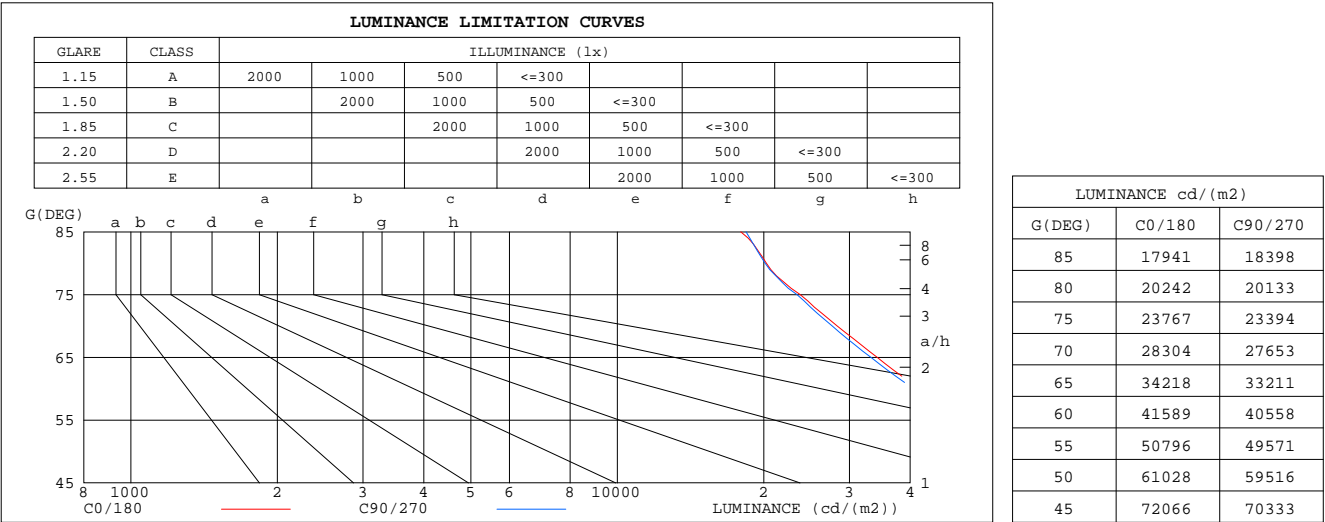
%lamp = 92.3%

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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



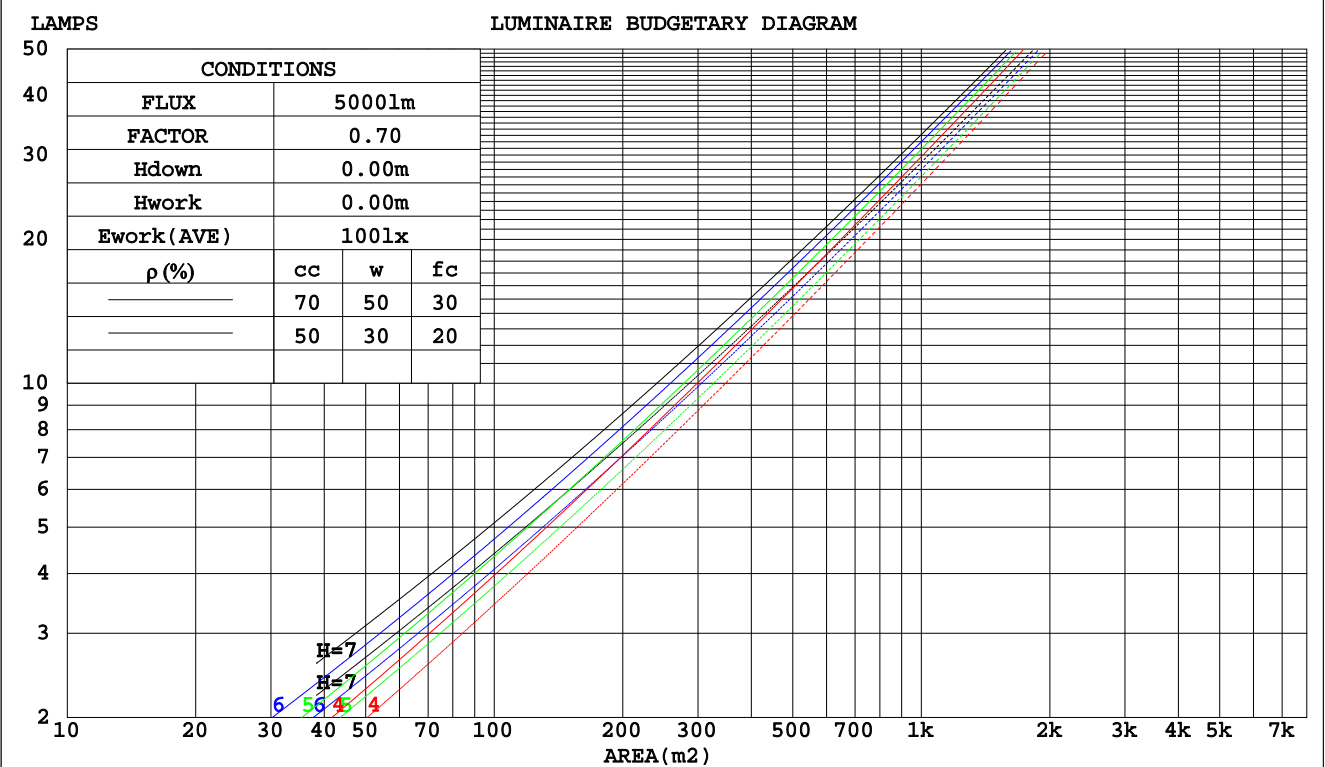
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 October 2024

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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 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	.224	.128	.040	.217	.124	.039	.205	.117	.037	.193	.111	.036	.182	.105	.034	
2.0	.214	.118	.036	.209	.115	.035	.198	.110	.034	.187	.105	.033	.178	.101	.032	
3.0	.202	.108	.032	.197	.106	.032	.187	.102	.031	.179	.098	.030	.170	.094	.029	
4.0	.190	.099	.029	.185	.097	.029	.177	.094	.028	.169	.091	.027	.162	.088	.027	
5.0	.178	.091	.026	.175	.090	.026	.167	.087	.026	.160	.085	.025	.154	.082	.025	
6.0	.168	.084	.024	.165	.083	.024	.158	.081	.024	.152	.079	.023	.146	.077	.023	
7.0	.158	.078	.022	.155	.077	.022	.150	.076	.022	.144	.074	.022	.139	.072	.021	
8.0	.150	.073	.021	.147	.072	.020	.142	.071	.020	.137	.069	.020	.132	.068	.020	
9.0	.142	.069	.019	.139	.068	.019	.135	.067	.019	.130	.065	.019	.126	.064	.019	
10.0	.135	.065	.018	.132	.064	.018	.128	.063	.018	.124	.062	.018	.121	.061	.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	.108	.140	.115	.094	.096	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.152	.115	.085	.131	.099	.074	.090	.069	.052	.052	.040	.030	.017	.013	.010	
4.0	.143	.101	.068	.123	.087	.059	.085	.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	.128	.081	.047	.110	.070	.041	.076	.049	.029	.044	.029	.017	.014	.009	.006	
7.0	.121	.073	.040	.104	.063	.035	.072	.045	.025	.042	.026	.015	.014	.009	.005	
8.0	.115	.067	.034	.099	.058	.030	.069	.041	.021	.040	.024	.013	.013	.008	.004	
9.0	.110	.062	.030	.094	.054	.026	.065	.038	.019	.038	.022	.011	.012	.007	.004	
10.0	.105	.058	.027	.090	.050	.023	.063	.035	.016	.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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 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	24.8	26.0	25.1	26.2	26.3	24.7	25.9	25.0	26.1	26.2	
	3H	25.4	26.5	25.7	26.7	26.9	25.3	26.4	25.6	26.6	26.8
	4H	25.6	26.6	25.9	26.9	27.1	25.5	26.5	25.8	26.8	27.0
	6H	25.7	26.7	26.0	26.9	27.2	25.6	26.6	25.9	26.8	27.1
	8H	25.8	26.7	26.1	27.0	27.2	25.7	26.6	26.0	26.9	27.1
	12H	25.8	26.7	26.1	26.9	27.2	25.7	26.6	26.0	26.8	27.1
4H	2H	25.1	26.1	25.4	26.3	26.5	25.0	26.0	25.3	26.2	26.5
	3H	25.8	26.7	26.1	27.0	27.3	25.7	26.6	26.1	26.9	27.2
	4H	26.1	26.9	26.5	27.2	27.5	26.0	26.8	26.4	27.1	27.4
	6H	26.3	27.0	26.7	27.4	27.7	26.2	26.9	26.6	27.3	27.6
	8H	26.4	27.0	26.8	27.4	27.8	26.3	26.9	26.7	27.3	27.7
	12H	26.4	27.0	26.8	27.4	27.8	26.3	26.9	26.8	27.3	27.7
8H	4H	26.2	26.8	26.6	27.2	27.5	26.1	26.7	26.5	27.1	27.5
	6H	26.4	27.0	26.9	27.4	27.8	26.4	26.9	26.8	27.3	27.7
	8H	26.6	27.1	27.0	27.5	27.9	26.5	27.0	26.9	27.4	27.8
	12H	26.7	27.1	27.1	27.5	28.0	26.6	27.0	27.1	27.4	27.9
12H	4H	26.1	26.7	26.6	27.1	27.5	26.0	26.6	26.5	27.0	27.4
	6H	26.5	26.9	26.9	27.4	27.8	26.4	26.8	26.8	27.3	27.7
	8H	26.6	27.0	27.1	27.5	27.9	26.5	26.9	27.0	27.4	27.8
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 / - 0.3					
2.0H	+ 1.1 / - 0.9					+ 1.1 / - 1.0					

CIE Pub.117, 3981 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.8$)
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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

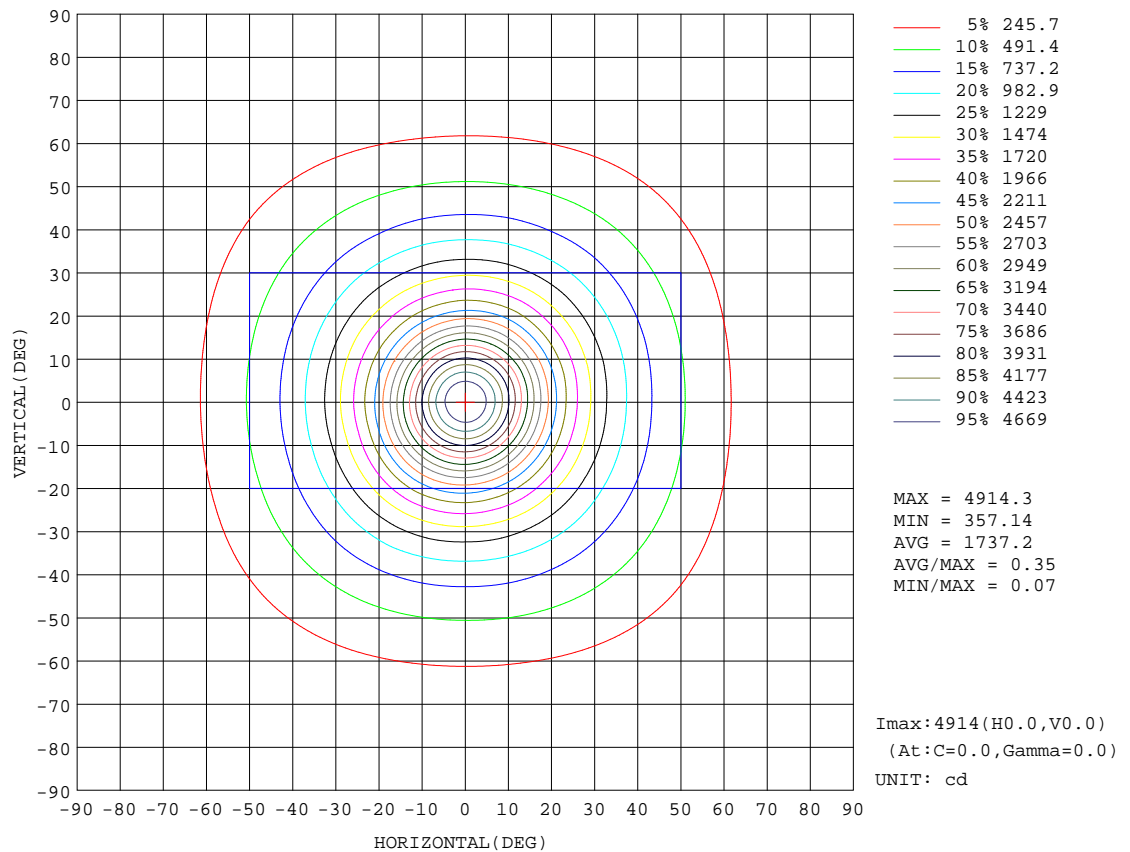
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	64	59	72	64	59	71	64	59	54
0.80	82	74	68	81	73	68	80	72	68	62
1.00	89	81	75	88	80	75	86	81	75	69
1.25	94	87	82	93	86	81	91	85	81	75
1.50	98	91	86	97	90	86	94	89	85	79
2.00	103	97	92	101	96	92	98	94	90	84
2.50	105	100	96	104	99	95	100	96	93	86
3.00	108	103	99	106	101	98	102	99	96	89
4.00	111	107	103	108	105	102	105	102	99	91
5.00	112	109	106	110	107	105	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: 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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



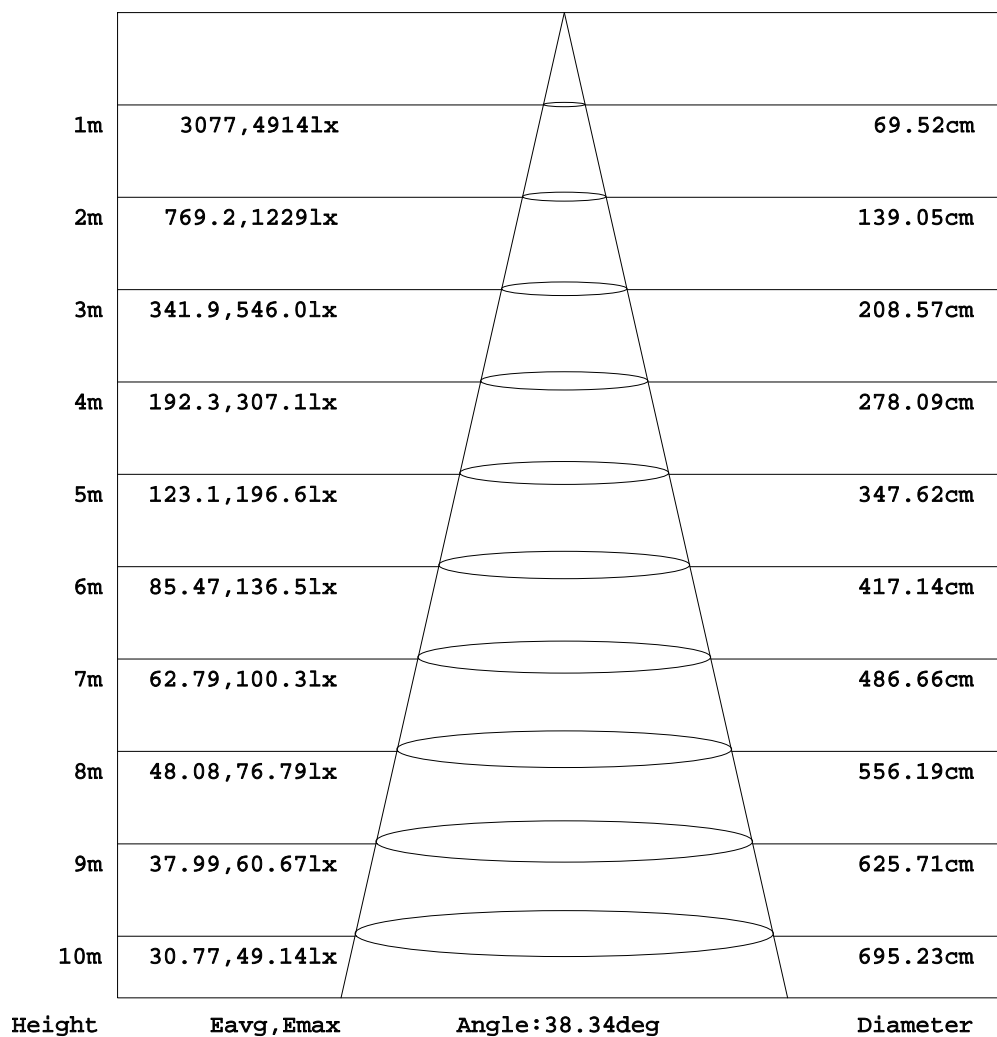
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 16 October 2024

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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:1281 lm



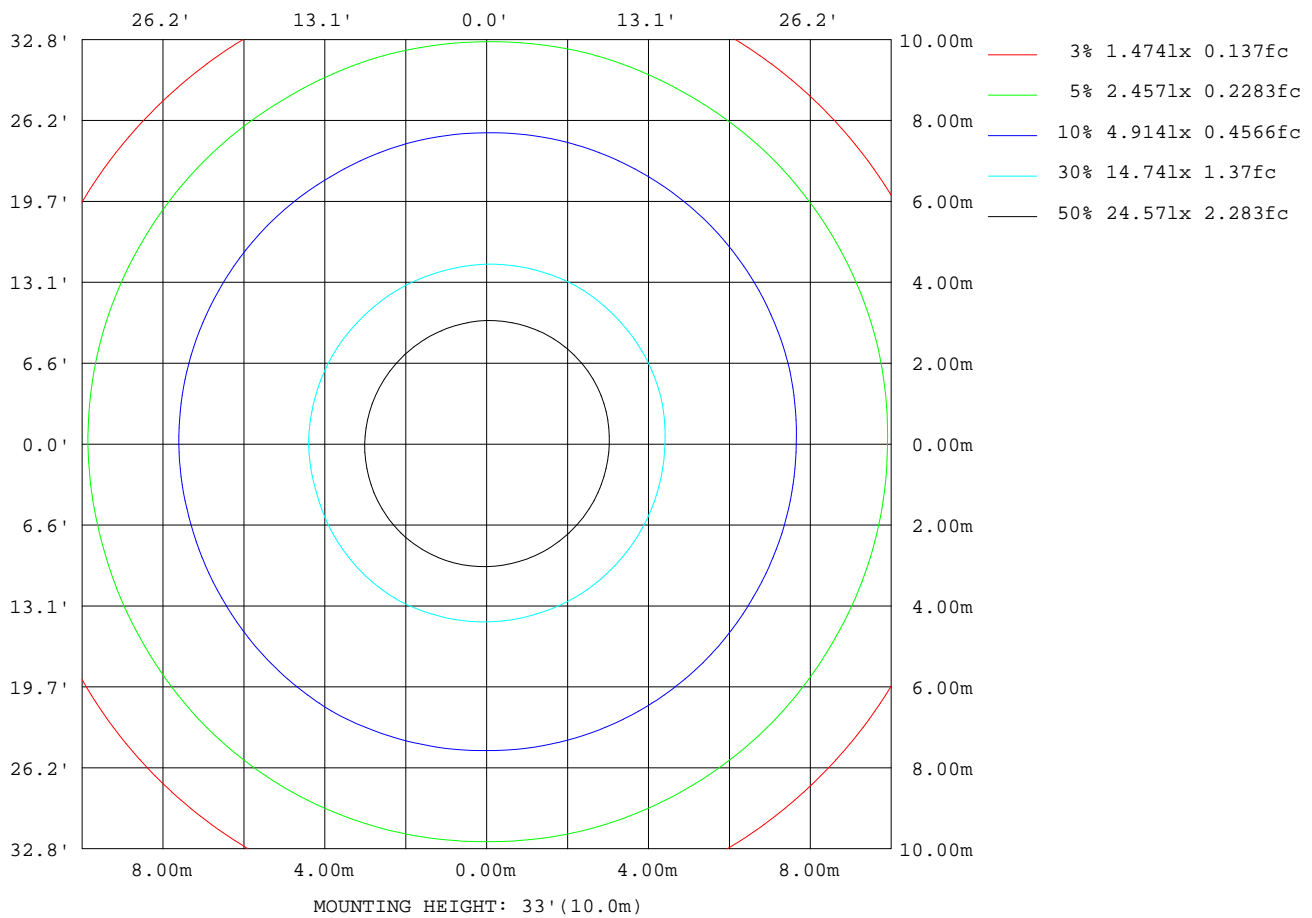
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

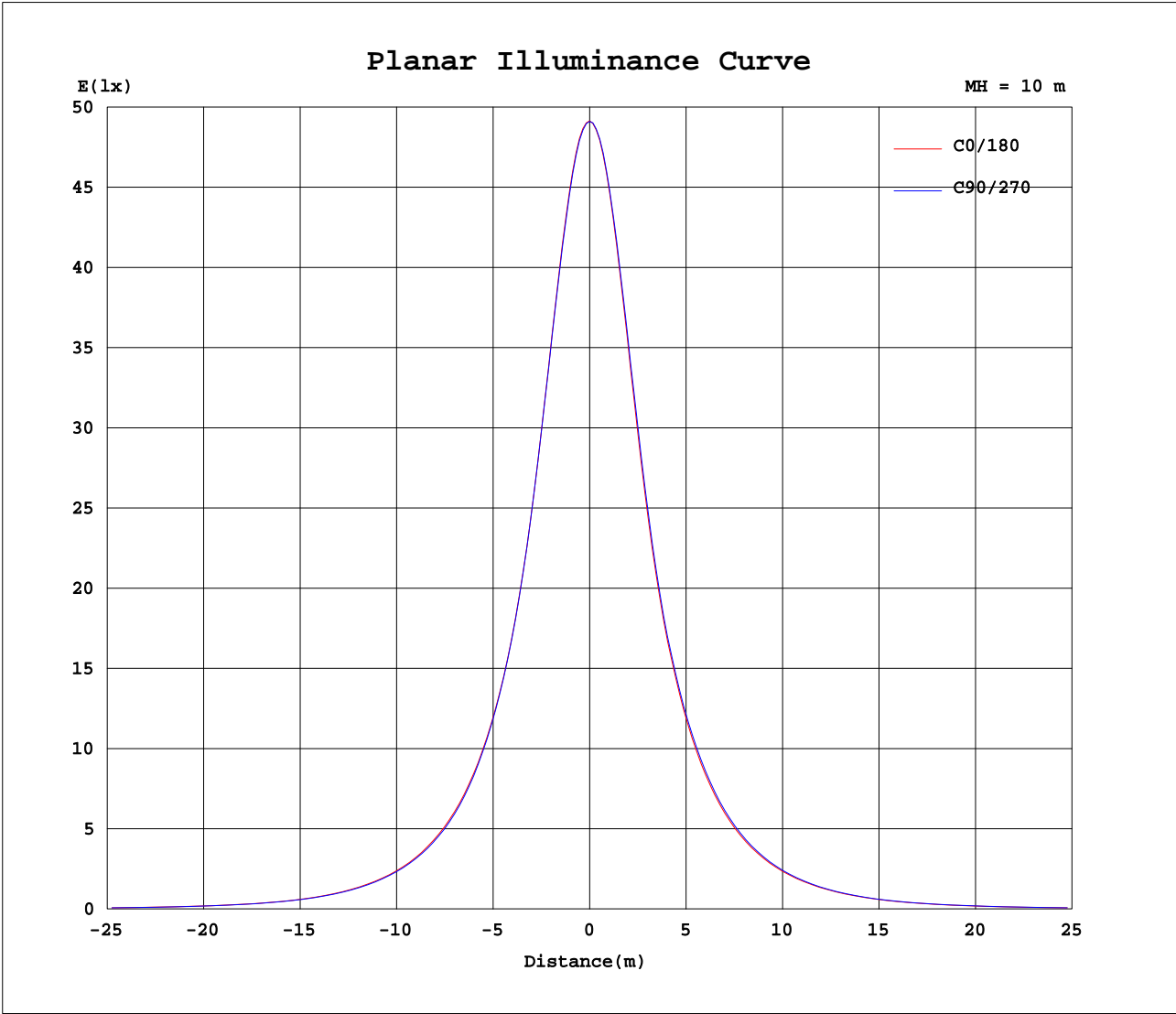
AvgL	cd/m2
L_0~180(65)av	33834
L_0~180(75)av	23358
L_0~180(85)av	17458
L_90~270(65)av	33768
L_90~270(75)av	23739
L_90~270(85)av	18804
L_45(65)av	33753
L_45(75)av	23427
L_45(85)av	18168

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:0.2461A P:29.45W PF:0.9971 Freq:60.00Hz Lamp Flux:3980.97x1 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	4914	4911	4912	4911	4912	4913	4911	4910	4910	4911	4912	4911	4914	4911	4912	4911	4912	4913	4911
5	4653	4647	4644	4642	4641	4640	4638	4633	4629	4628	4630	4629	4641	4640	4643	4647	4650	4652	4654
10	3952	3938	3929	3929	3934	3937	3938	3941	3940	3942	3939	3932	3940	3928	3926	3937	3951	3962	3974
15	3102	3078	3067	3063	3073	3081	3100	3110	3115	3116	3111	3099	3088	3070	3066	3070	3085	3106	3131
20	2357	2334	2325	2321	2327	2335	2349	2366	2381	2377	2360	2340	2337	2325	2321	2322	2331	2344	2372
25	1809	1790	1785	1779	1786	1784	1797	1805	1823	1812	1796	1778	1800	1797	1802	1795	1805	1810	1832
30	1407	1397	1390	1388	1390	1389	1389	1398	1405	1400	1387	1379	1398	1404	1409	1408	1414	1422	1434
35	1102	1093	1083	1087	1083	1082	1077	1087	1091	1087	1076	1077	1089	1096	1098	1106	1105	1118	1119
40	868	860	853	851	850	848	845	850	853	851	843	843	852	857	858	862	864	873	877
45	676	673	666	665	664	663	660	663	665	663	657	657	665	670	669	672	672	681	684
50	520	517	515	513	514	512	508	509	509	506	503	503	512	515	515	516	519	523	525
55	387	387	386	385	384	381	377	376	375	373	371	372	381	385	385	386	388	390	389
60	276	277	277	274	272	270	269	268	268	265	263	264	271	275	276	276	276	277	278
65	192	192	191	190	189	188	186	186	185	183	183	183	188	190	190	191	192	192	192
70	128	129	128	128	127	126	125	125	124	123	123	123	125	127	127	128	129	129	130
75	81.6	81.2	81.1	80.4	79.8	80.3	80.3	79.6	78.4	78.6	78.0	77.8	78.8	79.2	80.2	80.3	80.9	82.0	82.7
80	46.6	46.2	46.4	45.4	44.9	45.6	46.4	46.7	46.3	46.4	46.2	45.5	45.3	45.2	45.7	45.4	45.6	46.9	48.0
85	20.7	20.9	21.3	20.8	19.8	20.7	21.3	20.4	19.4	20.2	21.3	20.7	19.6	20.0	20.6	20.5	20.0	21.4	22.2
90	0.27	0.27	0.24	0.14	0.10	0.18	0.09	0.16	0.11	0.10	0.12	0.19	0.12	0.11	0.11	0.12	0.12	0.14	0.19
95	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.15	0.14	0.14	0.14	0.14	0.14	0.14
100	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.19	0.19	0.19	0.19	0.19	0.19	0.19
105	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.24	0.24	0.24	0.24	0.24	0.24	0.24
110	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.28	0.28	0.28	0.28	0.27	0.27	0.27
115	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.33	0.33	0.33	0.32	0.32	0.32	0.32
120	0.28	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.41	0.41	0.41	0.41	0.41	0.40	0.40
125	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.56	0.56	0.55	0.55	0.55	0.55	0.55
130	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.77	0.77	0.77	0.76	0.76	0.76	0.77
135	0.72	0.72	0.73	0.73	0.73	0.73	0.74	0.74	0.74	0.74	0.74	0.74	1.07	1.06	1.06	1.06	1.05	1.06	1.06
140	0.95	0.95	0.95	0.95	0.96	0.96	0.97	0.97	0.97	0.97	0.97	0.97	1.48	1.48	1.47	1.47	1.47	1.47	1.47
145	1.25	1.25	1.25	1.26	1.26	1.26	1.26	1.27	1.27	1.27	1.26	1.26	2.08	2.07	2.07	2.06	2.06	2.06	2.07
150	1.53	1.53	1.53	1.53	1.53	1.54	1.54	1.54	1.54	1.54	1.54	1.54	2.67	2.66	2.66	2.66	2.65	2.65	2.65
155	1.86	1.86	1.87	1.87	1.87	1.87	1.88	1.87	1.87	1.87	1.87	1.87	3.14	3.14	3.14	3.14	3.13	3.13	3.12
160	2.02	2.03	2.03	2.03	2.04	2.04	2.04	2.03	2.03	2.03	2.03	2.03	3.49	3.49	3.49	3.49	3.48	3.47	3.46
165	2.14	2.15	2.15	2.15	2.16	2.16	2.15	2.15	2.15	2.14	2.14	2.14	3.56	3.57	3.57	3.57	3.56	3.54	3.53
170	2.19	2.19	2.20	2.21	2.21	2.21	2.21	2.21	2.20	2.19	2.18	2.18	3.32	3.33	3.33	3.32	3.32	3.30	3.28
175	2.29	2.30	2.31	2.32	2.32	2.32	2.31	2.31	2.31	2.30	2.29	2.27	2.98	2.99	2.99	2.98	2.97	2.96	2.94
180	2.68	2.68	2.67	2.67	2.66	2.64	2.64	2.64	2.64	2.69	2.67	2.73	2.67	2.67	2.67	2.67	2.65	2.63	2.62

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:

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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	4910	4910	4911	4912	4911														
5	4656	4657	4661	4663	4661														
10	3977	3983	3984	3983	3976														
15	3141	3154	3159	3159	3136														
20	2393	2411	2407	2403	2381														
25	1848	1866	1855	1855	1840														
30	1443	1450	1450	1446	1436														
35	1130	1132	1135	1129	1126														
40	883	881	887	885	881														
45	690	688	691	690	688														
50	527	528	528	528	526														
55	391	390	390	390	390														
60	280	280	279	277	277														
65	194	194	193	192	192														
70	130	130	129	129	129														
75	82.3	82.0	82.5	82.5	82.6														
80	48.3	48.2	48.8	48.7	48.1														
85	22.0	21.4	22.5	23.1	22.7														
90	0.30	0.35	0.51	0.47	0.46														
95	0.14	0.14	0.14	0.14	0.14														
100	0.19	0.18	0.18	0.18	0.18														
105	0.23	0.23	0.23	0.23	0.23														
110	0.27	0.27	0.27	0.27	0.27														
115	0.32	0.32	0.32	0.32	0.32														
120	0.40	0.40	0.40	0.40	0.40														
125	0.55	0.55	0.55	0.55	0.55														
130	0.77	0.76	0.76	0.76	0.76														
135	1.06	1.06	1.06	1.06	1.05														
140	1.48	1.48	1.47	1.47	1.47														
145	2.07	2.06	2.06	2.06	2.06														
150	2.65	2.65	2.65	2.65	2.65														
155	3.12	3.12	3.12	3.12	3.13														
160	3.46	3.46	3.47	3.47	3.47														
165	3.52	3.53	3.53	3.54	3.55														
170	3.27	3.28	3.29	3.30	3.31														
175	2.94	2.94	2.95	2.96	2.97														
180	2.62	2.63	2.64	2.64	2.65														

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: