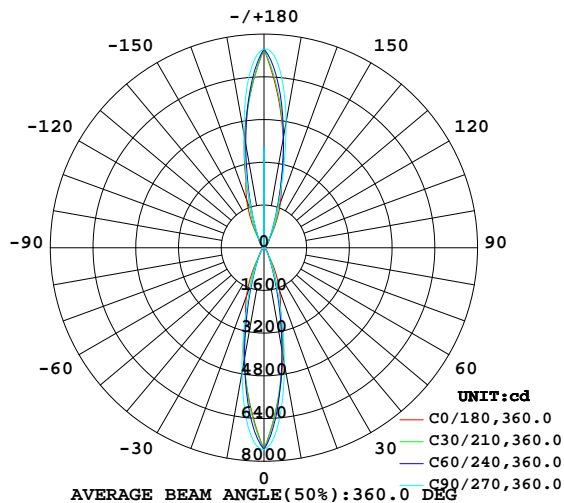


## LUMINAIRE PHOTOMETRIC TEST REPORT

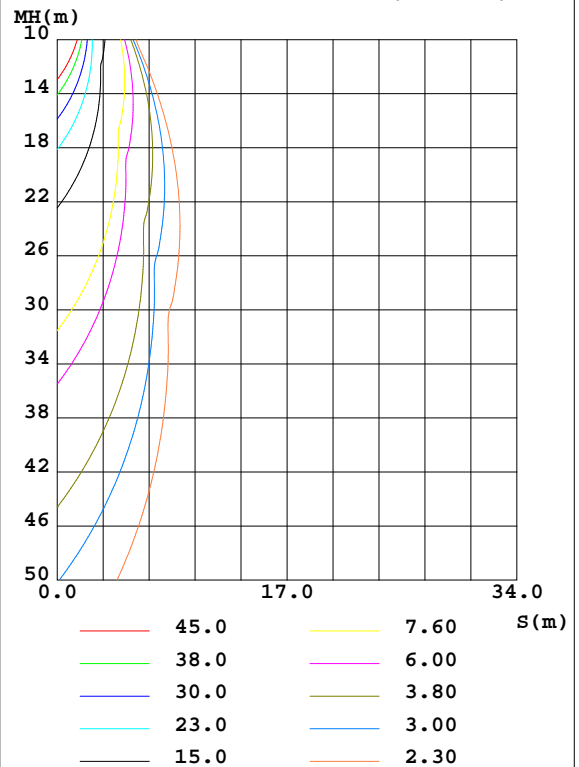
Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.07 lm/W			
MODEL:LINDEPS030UNHD8SC2R6BZP		I <sub>max</sub> (cd)	7561	S/MH(C0/180)	0.39
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	3987.5	η UP,DN(C0-180)	26.1,23.7
NOMINAL FLUX(lm)	3987.48	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.8,25.4
LAMPS INSIDE	1	η up(%)	50.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	49.1	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: 17 October 2024

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 40.3%  
Test Distance: 2.500m [K=1.0461]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	4116	3874	4413	4026	4306	4176	4753	4141	0- 10	518.0	518.0	13,13
20	1717	1096	1160	1281	1912	1291	1343	1320	10- 20	682.7	1201	30.1,30.1
30	364.5	377.9	345.8	423.8	377.5	439.9	407.0	462.2	20- 30	368.0	1569	39.3,39.3
40	198.1	148.3	148.9	158.6	203.8	167.2	172.8	173.5	30- 40	162.6	1731	43.4,43.4
50	93.74	86.06	83.79	89.69	95.45	93.59	90.87	94.42	40- 50	95.73	1827	45.8,45.8
60	51.35	50.88	50.87	53.33	52.56	54.13	53.28	54.03	50- 60	62.37	1889	47.4,47.4
70	29.86	27.79	28.69	30.27	31.16	30.06	29.56	29.56	60- 70	40.05	1929	48.4,48.4
80	12.80	10.54	11.41	13.02	13.67	11.86	11.52	11.81	70- 80	21.54	1951	48.9,48.9
90	0.1657	0.2021	0.2404	0.1492	0.1030	0.1743	0.0830	0.1834	80- 90	5.854	1957	49.1,49.1
100	14.79	13.81	13.97	13.70	15.21	13.54	11.90	11.74	90-100	6.492	1963	49.2,49.2
110	34.17	34.09	34.10	33.75	34.79	32.88	31.32	31.53	100-110	24.23	1988	49.8,49.8
120	58.30	61.02	59.85	60.44	58.86	59.73	57.06	58.04	110-120	45.04	2033	51,51
130	107.8	106.3	101.3	104.0	108.7	104.2	97.60	100.0	120-130	70.70	2103	52.7,52.7
140	228.3	195.3	191.9	188.8	232.3	190.2	181.1	179.2	130-140	110.0	2213	55.5,55.5
150	420.0	497.0	442.6	468.3	429.7	475.4	411.3	436.0	140-150	186.8	2400	60.2,60.2
160	1806	1372	1350	1283	1885	1308	1206	1145	150-160	387.3	2787	69.9,69.9
170	4148	4188	4769	4158	4224	3985	4359	3874	160-170	685.5	3473	87.1,87.1
180	7445	7445	7445	7445	7445	7445	7445	7445	170-180	514.5	3987	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1785.3 lm

%lum = 44.8%

%lamp = 44.8%

Conical surface Flux(120deg): 1889.4 lm

%lum = 47.4%

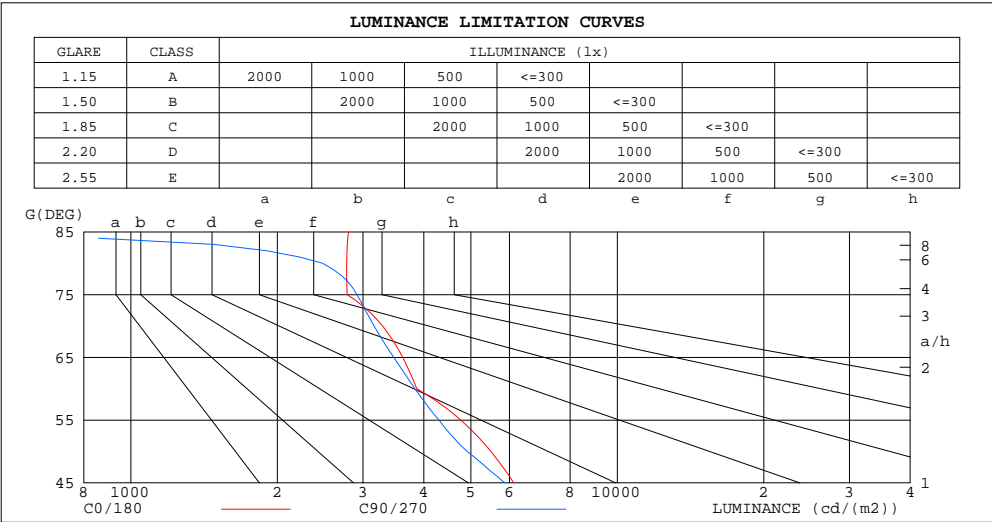
%lamp = 47.4%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators: Alan Wang  
Test Date: 17 October 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 40.3%  
Test Distance: 2.500m [K=1.0461]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 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	2803	254
80	2778	2476
75	2784	2916
70	3290	3162
65	3621	3471
60	3870	3835
55	4767	4300
50	5496	4913
45	6126	5872

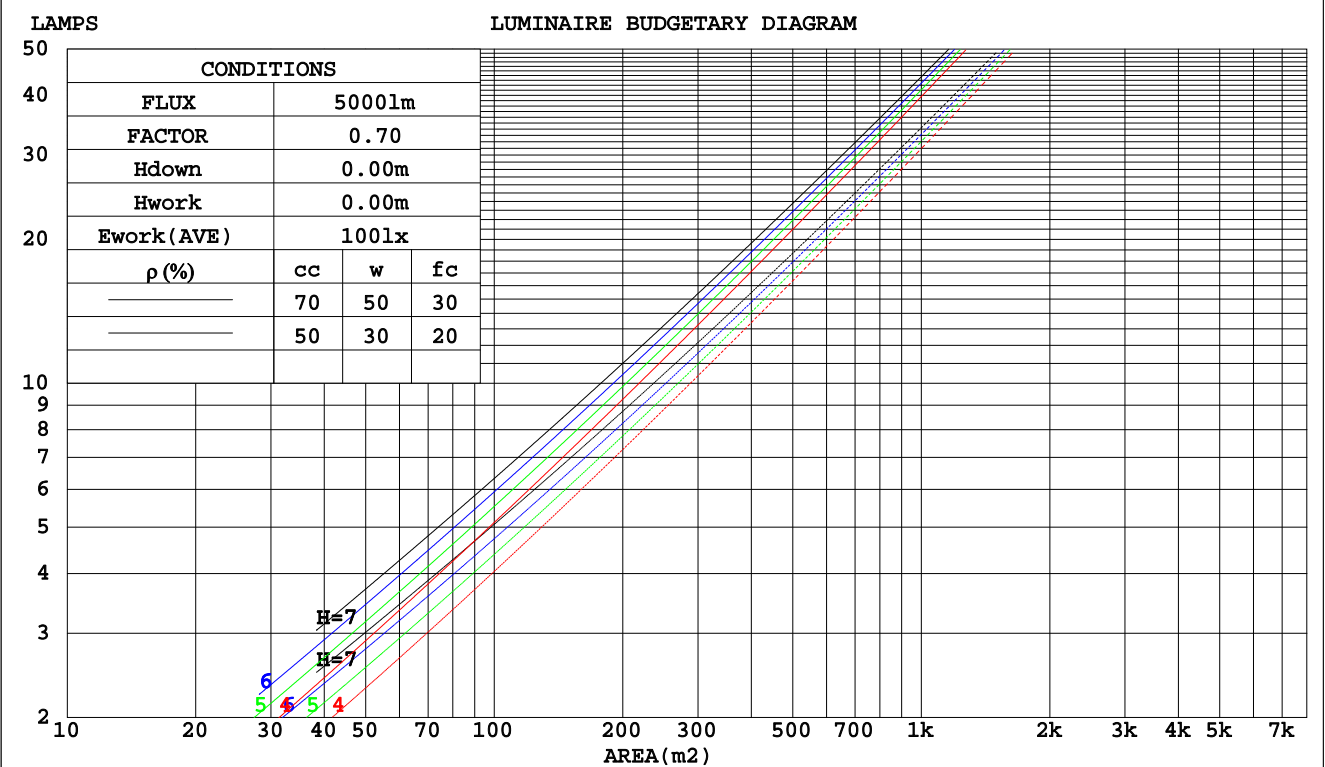
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators:Alan Wang  
Test Date:17 October 2024

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 40.3%  
Test Distance:2.500m [K=1.0461]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 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: 17 October 2024

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 40.3%  
Test Distance: 2.500m [K=1.0461]  
Remarks:

## WEC AND CCEC

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 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	.215	.122	.039	.193	.110	.035	.151	.087	.028	.113	.065	.021	.078	.045	.015	
2.0	.199	.109	.033	.179	.099	.030	.142	.079	.024	.107	.060	.019	.075	.042	.013	
3.0	.185	.098	.029	.167	.089	.027	.132	.072	.022	.101	.055	.017	.071	.039	.012	
4.0	.172	.089	.026	.155	.081	.024	.124	.066	.020	.095	.051	.015	.068	.037	.011	
5.0	.161	.082	.024	.145	.075	.022	.117	.061	.018	.090	.047	.014	.065	.035	.010	
6.0	.150	.075	.022	.136	.069	.020	.110	.056	.016	.085	.044	.013	.062	.032	.010	
7.0	.141	.070	.020	.128	.064	.018	.104	.052	.015	.081	.041	.012	.059	.031	.009	
8.0	.133	.065	.018	.121	.060	.017	.098	.049	.014	.077	.039	.011	.056	.029	.008	
9.0	.126	.061	.017	.114	.056	.016	.093	.046	.013	.073	.037	.010	.054	.027	.008	
10.0	.119	.057	.016	.109	.052	.015	.089	.043	.012	.070	.035	.010	.052	.026	.007	

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	.578	.578	.578	.494	.494	.494	.337	.337	.337	.194	.194	.194	.062	.062	.062	
1.0	.565	.548	.533	.483	.470	.459	.331	.324	.317	.190	.187	.185	.061	.060	.060	
2.0	.554	.526	.503	.474	.453	.435	.325	.313	.303	.187	.182	.178	.060	.059	.058	
3.0	.544	.510	.482	.466	.440	.418	.320	.305	.293	.185	.178	.173	.059	.058	.057	
4.0	.536	.497	.467	.460	.429	.406	.316	.299	.286	.183	.175	.169	.059	.057	.056	
5.0	.528	.487	.457	.453	.421	.397	.312	.294	.281	.181	.173	.166	.058	.056	.055	
6.0	.521	.479	.449	.448	.415	.391	.309	.290	.276	.179	.171	.164	.058	.056	.054	
7.0	.515	.472	.442	.443	.409	.385	.306	.287	.273	.178	.169	.163	.057	.055	.054	
8.0	.509	.467	.437	.438	.405	.381	.303	.284	.271	.176	.168	.161	.057	.055	.053	
9.0	.504	.462	.434	.434	.401	.378	.301	.282	.269	.175	.166	.160	.057	.055	.053	
10.0	.499	.458	.431	.431	.398	.376	.299	.280	.267	.174	.165	.159	.056	.054	.053	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 17 October 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 40.3%  
 Test Distance: 2.500m [K=1.0461]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 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	10.0	10.7	10.9	11.5	12.6	9.4	10.1	10.3	10.9	12.0	
	3H	10.7	11.4	11.6	12.2	13.3	10.2	10.8	11.1	11.7	12.8
	4H	11.0	11.6	11.9	12.4	13.5	10.5	11.1	11.4	12.0	13.1
	6H	11.2	11.7	12.1	12.6	13.7	10.7	11.3	11.6	12.1	13.3
	8H	11.3	11.8	12.2	12.7	13.8	10.7	11.2	11.6	12.1	13.3
	12H	11.3	11.8	12.2	12.7	13.9	10.6	11.1	11.6	12.0	13.2
4H	2H	10.1	10.7	11.0	11.5	12.6	9.6	10.2	10.5	11.0	12.1
	3H	11.0	11.5	11.9	12.4	13.5	10.5	11.0	11.5	11.9	13.1
	4H	11.3	11.8	12.3	12.7	13.9	10.9	11.4	11.9	12.3	13.5
	6H	11.6	12.0	12.6	13.0	14.2	11.2	11.6	12.2	12.5	13.8
	8H	11.7	12.1	12.7	13.1	14.3	11.2	11.6	12.2	12.5	13.8
	12H	11.8	12.2	12.8	13.1	14.4	11.1	11.5	12.1	12.4	13.7
8H	4H	11.3	11.7	12.3	12.6	13.9	10.9	11.3	11.9	12.2	13.5
	6H	11.7	12.0	12.7	13.0	14.3	11.3	11.5	12.3	12.5	13.8
	8H	11.9	12.2	12.9	13.2	14.5	11.3	11.6	12.3	12.6	13.9
	12H	12.1	12.3	13.1	13.3	14.6	11.2	11.5	12.3	12.5	13.8
12H	4H	11.2	11.5	12.2	12.5	13.8	10.9	11.2	11.9	12.2	13.4
	6H	11.7	11.9	12.7	12.9	14.2	11.2	11.5	12.3	12.5	13.8
	8H	11.9	12.1	12.9	13.1	14.5	11.3	11.5	12.3	12.5	13.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.6					+ 0.4 / - 0.5					
1.5H	+ 1.1 / - 0.4					+ 0.5 / - 0.3					
2.0H	+ 0.6 / - 0.6					+ 0.7 / - 0.5					

CIE Pub.117, 3987 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.8$ )  
Area: 0.026533 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators: Alan Wang  
Test Date: 17 October 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 40.3%  
Test Distance: 2.500m [K=1.0461]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

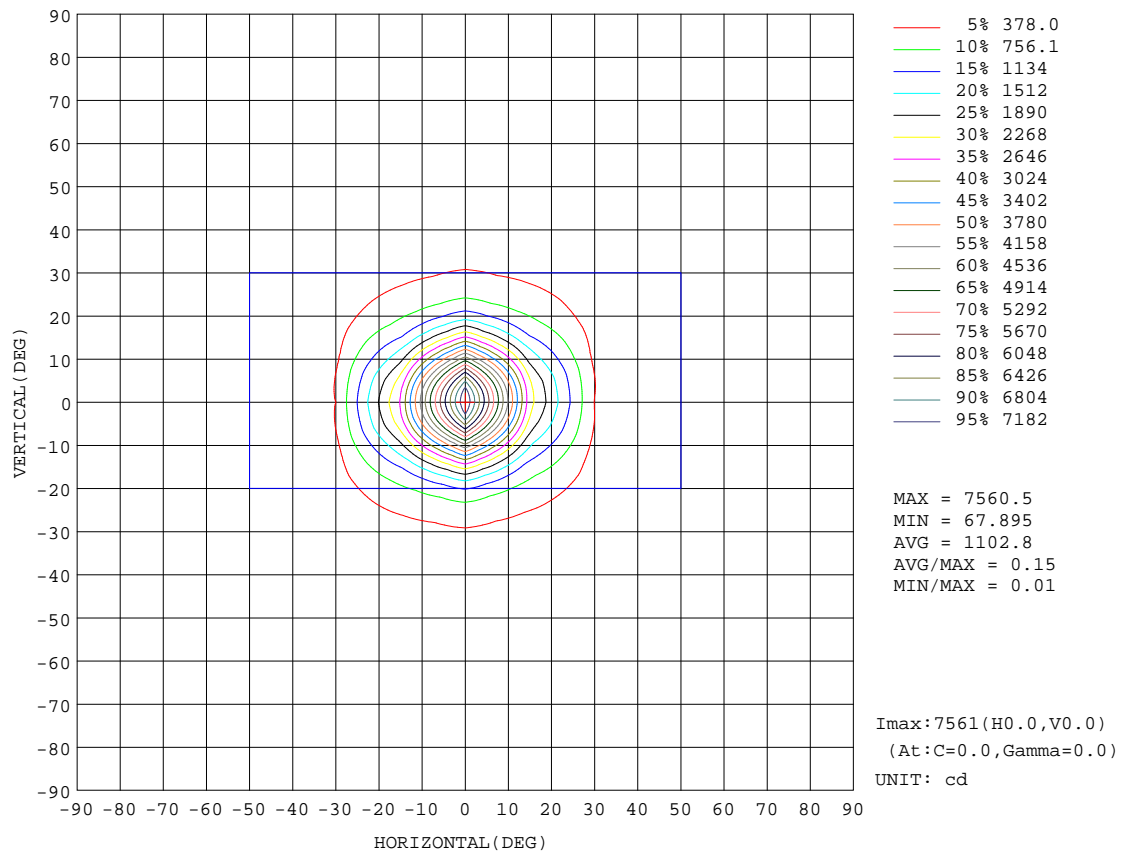
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	49	44	55	47	43	50	44	41	34
0.80	66	57	52	62	55	50	56	50	47	38
1.00	72	63	57	68	60	55	60	55	51	40
1.25	77	69	63	73	65	61	64	59	55	42
1.50	81	73	68	76	69	65	67	62	59	44
2.00	87	79	74	81	75	70	70	66	63	45
2.50	90	84	79	84	78	74	72	69	66	45
3.00	93	87	82	86	81	77	74	71	68	46
4.00	96	91	88	89	85	82	76	74	71	47
5.00	98	94	91	91	88	85	77	75	74	48
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: 17 October 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 40.3%  
 Test Distance: 2.500m [K=1.0461]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



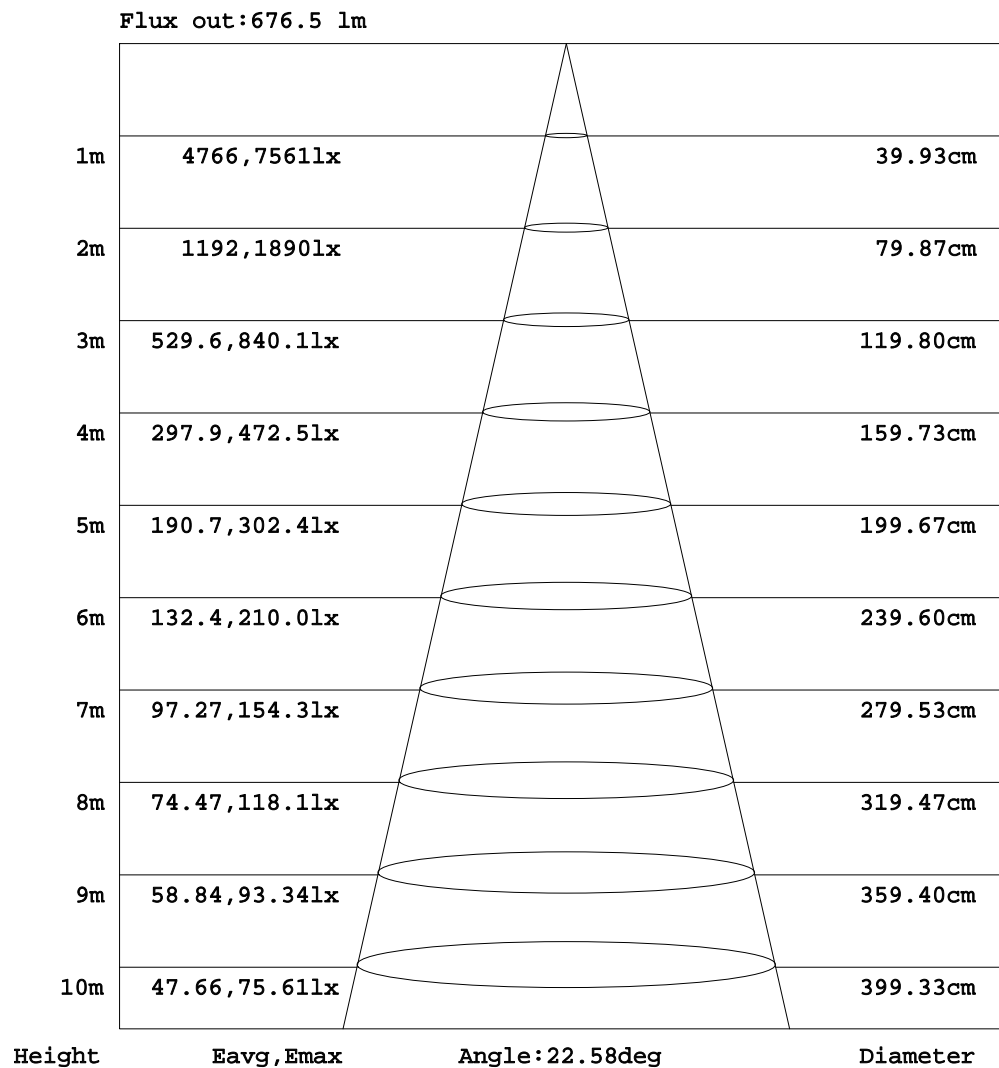
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators: Alan Wang  
 Test Date: 17 October 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 40.3%  
 Test Distance: 2.500m [K=1.0461]  
 Remarks:



## AAI Figure

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



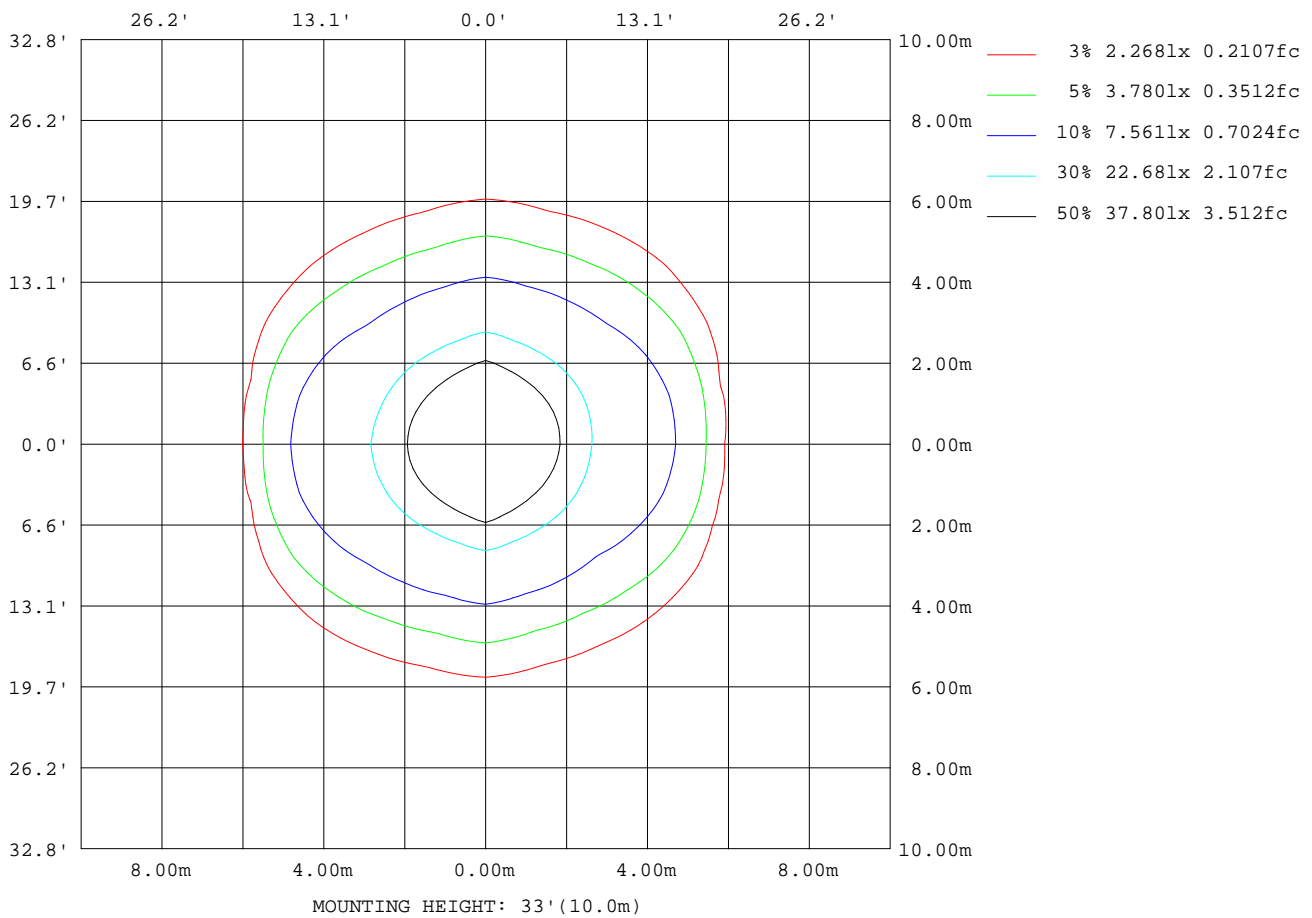
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.1DEG  
 Operators:Alan Wang  
 Test Date:17 October 2024

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 40.3%  
 Test Distance:2.500m [K=1.0461]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 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: 17 October 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 40.3%  
 Test Distance: 2.500m [K=1.0461]  
 Remarks:

## LED Avg.L Report

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

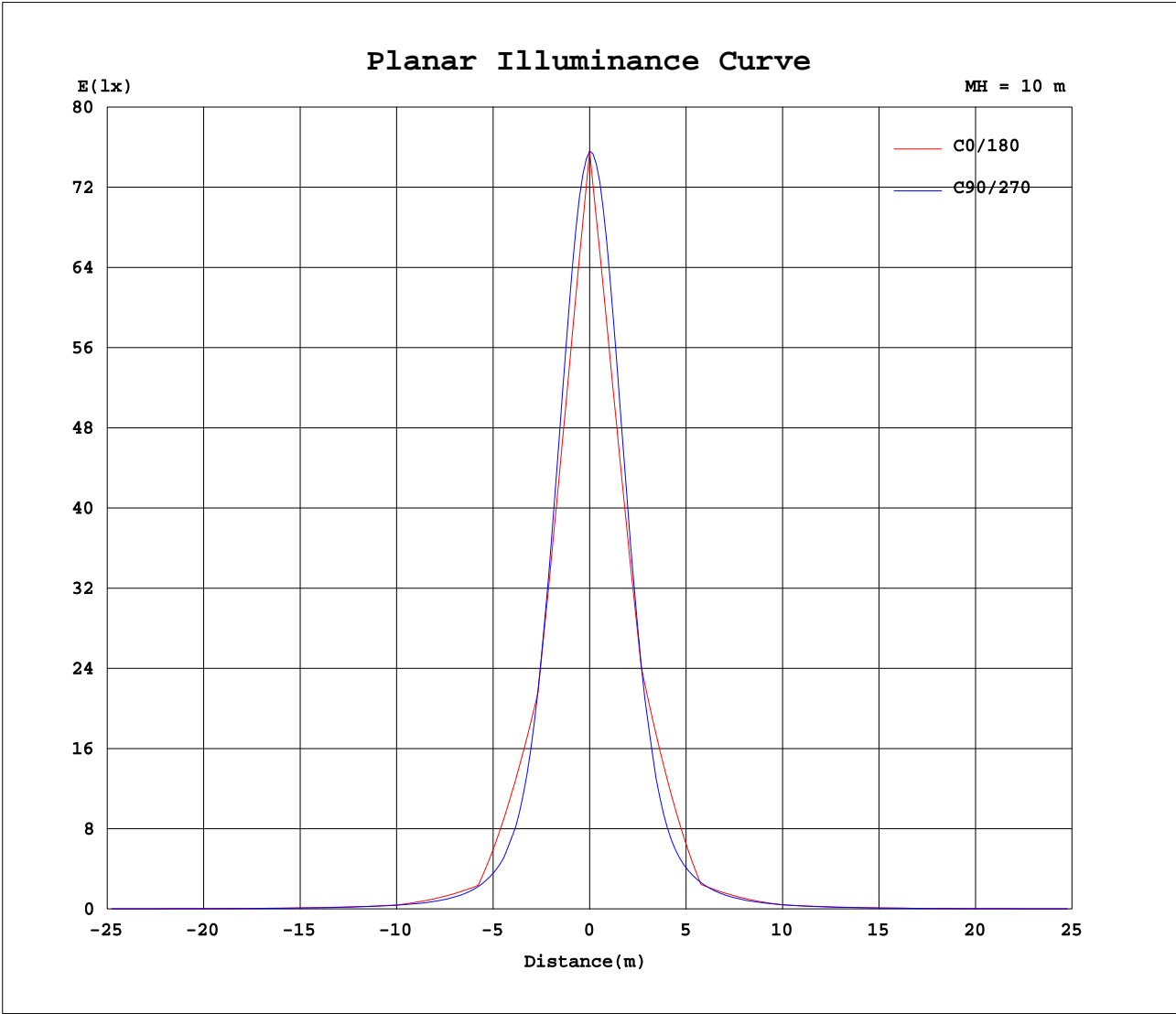
AvgL	cd/m2
L_0~180(65)av	3677
L_0~180(75)av	2881
L_0~180(85)av	2891
L_90~270(65)av	3542
L_90~270(75)av	2929
L_90~270(85)av	473
L_45(65)av	3587
L_45(75)av	2953
L_45(85)av	2557

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.1DEG  
Operators: Alan Wang  
Test Date: 17 October 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 40.3%  
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: 17 October 2024

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity: 40.3%  
Test Distance: 2.500m [K=1.0461]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2412A P:28.88W PF:0.9977 Freq:60.00Hz Lamp Flux:3987.48x1 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	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561	7561
5	5838	5803	5804	5851	5968	6181	6512	6211	6026	5931	5900	5904	5933	5947	5988	6062	6198	6425	6757
10	4116	4032	3943	3874	3878	4035	4413	4084	3978	4026	4140	4246	4306	4283	4228	4176	4194	4362	4753
15	2393	2327	2279	2200	2134	2172	2414	2220	2243	2388	2553	2660	2679	2642	2575	2486	2402	2436	2698
20	1717	1560	1304	1096	1068	1051	1160	1085	1161	1281	1535	1805	1912	1789	1534	1291	1240	1213	1343
25	1041	948	785	634	561	542	594	560	618	742	913	1085	1144	1080	921	738	656	630	684
30	365	412	426	378	338	322	346	332	366	424	480	446	377	453	491	440	397	379	407
35	281	262	227	230	219	207	218	213	232	250	242	276	291	283	254	265	258	245	257
40	198	188	168	148	150	145	149	149	157	159	179	197	204	202	187	167	173	168	173
45	115	119	121	113	109	109	110	111	114	120	127	123	117	126	132	126	122	121	123
50	93.7	90.2	85.2	86.1	82.5	82.6	83.8	85.2	86.3	89.7	87.6	92.6	95.5	94.3	90.4	93.6	89.8	89.8	90.9
55	72.5	70.9	68.1	64.7	64.4	63.7	65.4	65.5	67.1	67.1	70.4	72.8	74.0	74.0	72.3	68.8	69.0	67.8	69.1
60	51.3	51.9	52.2	50.9	50.1	49.7	50.9	51.0	52.1	53.3	54.3	53.5	52.6	54.0	55.2	54.1	53.2	52.2	53.3
65	40.6	40.0	38.8	38.4	38.1	38.4	38.9	39.4	40.0	40.7	40.9	41.7	41.9	41.8	40.9	41.1	40.4	39.5	40.5
70	29.9	29.5	28.9	27.8	27.3	27.7	28.7	29.2	30.1	30.3	31.4	31.4	31.2	31.2	30.8	30.1	29.2	27.7	29.6
75	19.1	19.2	19.2	18.8	17.8	18.8	20.0	21.1	21.1	21.4	22.0	21.3	20.5	20.7	20.9	20.6	19.2	17.5	20.2
80	12.8	12.5	11.9	10.5	8.96	10.3	11.4	11.3	10.9	13.0	14.1	14.0	13.7	13.6	13.1	11.9	10.0	7.64	11.5
85	6.48	6.35	6.01	5.30	3.13	1.68	0.59	1.83	3.91	6.48	7.12	7.06	6.89	6.84	6.62	5.96	3.70	0.97	1.60
90	0.17	0.16	0.17	0.20	0.23	0.25	0.24	0.22	0.19	0.15	0.12	0.10	0.10	0.11	0.13	0.17	0.23	0.28	0.08
95	7.48	7.66	7.70	6.91	4.56	2.26	2.25	2.72	5.03	6.85	7.50	7.62	7.66	7.72	7.65	6.77	4.15	1.91	0.78
100	14.8	15.2	15.3	13.8	12.3	13.0	14.0	13.5	12.5	13.7	14.9	15.1	15.2	15.3	15.2	13.5	11.5	11.8	11.9
105	22.1	23.1	24.0	23.6	23.5	23.8	23.9	23.4	22.6	23.4	23.7	23.1	22.8	23.3	23.9	22.9	22.3	22.1	21.5
110	34.2	34.6	34.7	34.1	34.2	33.9	34.1	33.6	33.5	33.8	34.6	34.9	34.8	34.8	34.3	32.9	32.6	31.6	31.3
115	46.2	46.2	45.6	46.4	46.0	45.9	45.8	45.6	45.5	46.0	45.7	46.8	46.8	46.4	45.1	45.0	44.2	43.5	43.2
120	58.3	59.8	61.6	61.0	60.3	59.6	59.8	58.8	59.6	60.4	61.6	60.5	58.9	60.0	61.0	59.7	58.4	57.3	57.1
125	83.0	83.2	81.1	77.4	78.5	77.3	77.1	75.8	77.0	76.6	80.5	83.1	83.8	83.3	80.3	76.2	76.7	74.7	74.3
130	108	107	102	106	102	101	101	99.7	99.7	104	101	106	109	107	101	104	100	98.4	97.6
135	133	143	152	145	139	137	136	134	135	140	149	142	134	143	149	141	134	132	130
140	228	228	217	195	198	190	192	187	193	189	214	230	232	229	212	190	189	179	181
145	324	318	293	306	294	276	286	274	288	295	291	322	331	320	288	294	279	259	265
150	420	493	543	497	451	418	443	414	434	468	523	496	430	495	528	475	426	392	411
155	1113	1105	981	817	720	673	712	661	682	757	930	1091	1158	1105	948	783	678	625	658
160	1806	1780	1588	1372	1300	1245	1350	1224	1247	1283	1512	1763	1885	1787	1541	1308	1192	1132	1206
165	2499	2581	2594	2534	2438	2448	2682	2424	2389	2465	2535	2583	2613	2603	2525	2375	2234	2212	2403
170	4148	4191	4199	4188	4223	4387	4769	4372	4196	4158	4184	4215	4224	4173	4086	3985	3942	4039	4359
175	5796	5834	5903	6004	6160	6397	6733	6395	6158	6007	5914	5859	5834	5810	5814	5854	5956	6148	6451
180	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445	7445

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γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416

Humidity: 40.3%

Test Distance: 2.500m [K=1.0461]

Remarks:

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SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	7561	7561	7561	7561	7561														
5	6413	6172	6020	5927	5867														
10	4358	4179	4141	4150	4148														
15	2446	2413	2477	2517	2479														
20	1228	1273	1320	1513	1692														
25	640	684	776	927	1039														
30	385	414	462	501	443														
35	248	265	276	259	279														
40	170	177	173	192	200														
45	123	124	129	134	125														
50	91.3	91.7	94.4	89.9	93.8														
55	68.9	69.9	68.7	71.6	73.2														
60	53.2	53.4	54.0	54.5	52.9														
65	41.3	40.5	40.6	40.2	40.8														
70	31.1	30.1	29.6	30.4	30.3														
75	23.0	20.8	20.4	20.8	20.0														
80	14.9	11.3	11.8	13.1	13.1														
85	6.23	4.57	5.91	6.61	6.62														
90	0.27	0.22	0.18	0.15	0.15														
95	1.68	3.42	5.87	6.88	7.28														
100	10.8	9.94	11.7	13.7	14.4														
105	20.5	19.9	21.2	22.0	22.0														
110	30.7	30.7	31.5	32.9	33.7														
115	42.9	42.9	43.7	44.1	45.6														
120	56.1	56.7	58.0	59.6	59.2														
125	72.9	73.9	73.9	78.1	81.3														
130	96.1	96.3	100	98.0	104														
135	129	129	134	143	138														
140	175	181	179	203	221														
145	253	268	276	275	309														
150	385	404	436	481	470														
155	610	630	695	838	1008														
160	1101	1118	1145	1354	1629														
165	2170	2142	2223	2322	2404														
170	4000	3864	3874	3960	4056														
175	6129	5920	5807	5762	5762														
180	7445	7445	7445	7445	7445														

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