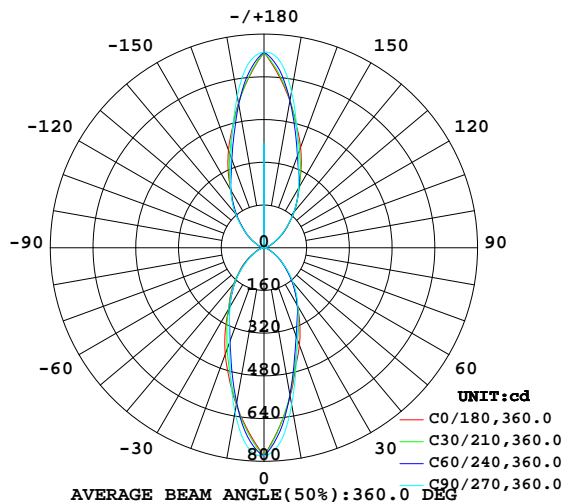


LUMINAIRE PHOTOMETRIC TEST REPORT

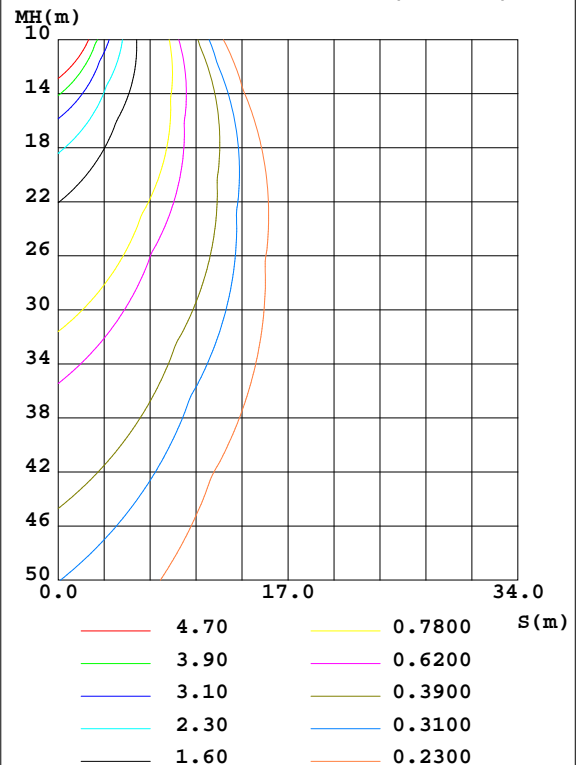
Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.01 lm/W			
MODEL:LINDEPS020UNHD8SC2R4BZP		I _{max} (cd)	781.5	S/MH(C0/180)	0.66
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1334.6	η UP,DN(C0-180)	25.3,24.9
NOMINAL FLUX(lm)	1334.59	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.4,25.4
LAMPS INSIDE	1	η up(%)	49.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	50.3	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
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	564.8	557.9	596.8	574.9	596.5	590.8	624.9	573.2	0- 10	62.78	62.78	4.7,4.7
20	388.1	360.4	364.2	377.2	424.4	388.4	377.8	369.5	10- 20	130.6	193.4	14.5,14.5
30	249.0	247.1	253.8	257.9	262.8	258.7	254.9	249.5	20- 30	143.1	336.5	25.2,25.2
40	164.0	163.8	168.7	174.7	177.1	171.6	168.3	163.3	30- 40	131.0	467.5	35,35
50	94.37	90.96	94.24	99.10	105.1	98.80	94.61	91.27	40- 50	99.76	567.2	42.5,42.5
60	40.24	43.08	43.26	48.70	46.84	48.72	44.11	43.77	50- 60	61.05	628.3	47.1,47.1
70	18.48	15.59	15.66	18.56	22.25	19.00	16.66	16.24	60- 70	29.46	657.7	49.3,49.3
80	5.082	3.500	3.427	4.610	6.645	5.060	3.998	3.799	70- 80	10.64	668.4	50.1,50.1
90	0.0504	0.0830	0.1131	0.0741	0.0425	0.0529	0.0470	0.0554	80- 90	2.290	670.7	50.3,50.3
100	6.292	4.633	4.076	4.247	5.489	3.860	3.577	4.311	90-100	2.276	672.9	50.4,50.4
110	21.74	19.24	17.79	17.51	19.15	16.40	15.78	17.71	100-110	10.82	683.8	51.2,51.2
120	46.40	50.51	46.85	46.18	41.03	43.61	42.05	46.83	110-120	29.97	713.7	53.5,53.5
130	104.7	102.5	99.92	94.95	94.20	89.57	91.68	95.82	120-130	61.66	775.4	58.1,58.1
140	175.5	177.4	173.8	166.2	162.9	160.6	163.6	168.9	130-140	100.0	875.4	65.6,65.6
150	258.9	261.9	259.1	250.8	247.2	245.7	248.8	251.8	140-150	130.6	1006	75.4,75.4
160	401.0	378.9	374.8	368.1	389.7	364.4	361.6	367.8	150-160	141.8	1148	86,86
170	559.1	558.8	594.0	551.6	551.6	546.0	577.0	548.0	160-170	127.2	1275	95.5,95.5
180	733.1	733.1	733.1	733.1	733.1	733.1	733.1	733.1	170-180	59.66	1335	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 522.21 lm

%lum = 39.1%

%lamp = 39.1%

Conical surface Flux(120deg): 628.28 lm

%lum = 47.1%

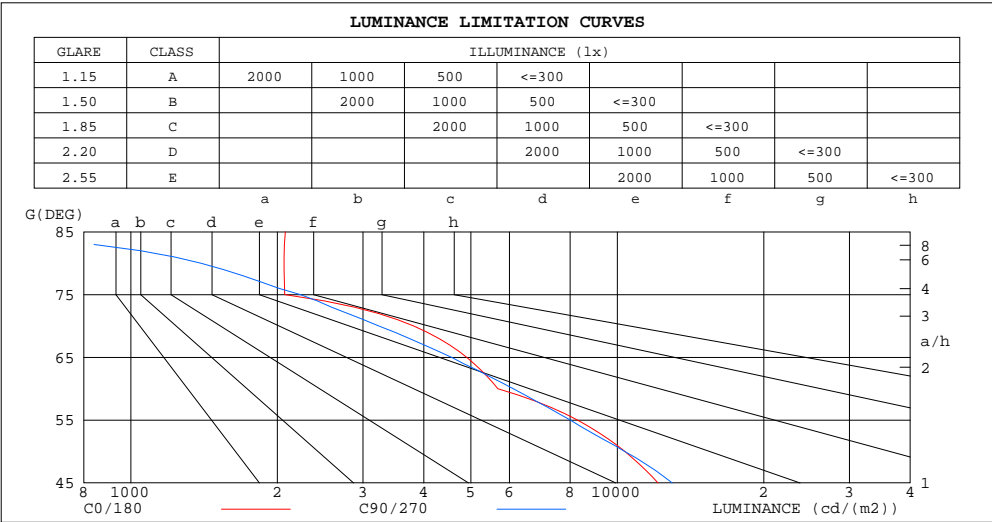
%lamp = 47.1%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 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	2078	248
80	2065	1393
75	2072	2229
70	3813	3232
65	4903	4561
60	5680	6106
55	8281	8006
50	10361	10347
45	12120	12966

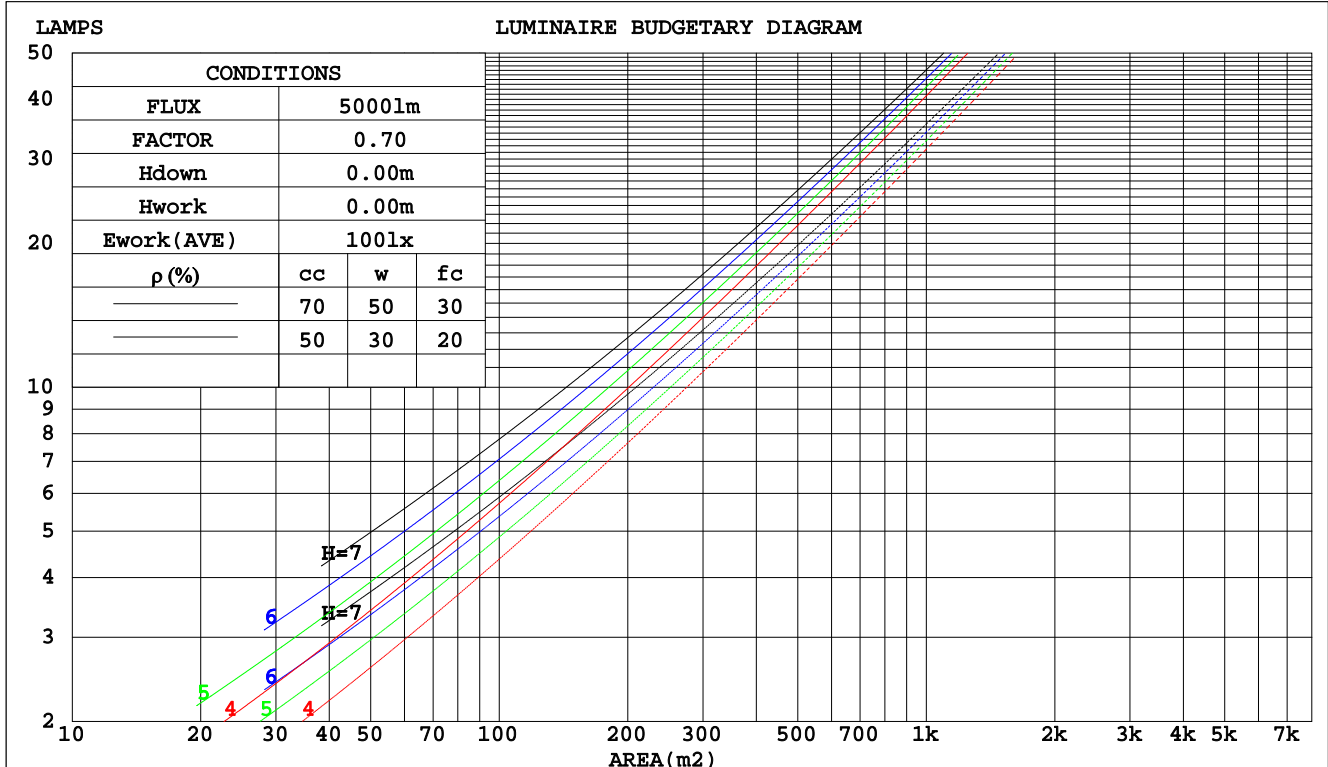
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance:2.500m [K=1.0461]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 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						Coefficients of Utilization(CU)									
0.0	1.07	1.07	1.07	.99	.99	.99	.83	.83	.83	.69	.69	.69	.56	.56	.56	.50
1.0	.96	.92	.89	.89	.86	.83	.75	.73	.72	.63	.62	.61	.52	.51	.51	.45
2.0	.85	.80	.76	.79	.75	.71	.68	.65	.62	.58	.55	.53	.48	.46	.45	.41
3.0	.77	.70	.65	.71	.66	.61	.61	.57	.54	.52	.49	.47	.44	.42	.40	.36
4.0	.69	.62	.57	.64	.58	.54	.56	.51	.48	.48	.45	.42	.40	.38	.36	.33
5.0	.62	.55	.50	.58	.52	.47	.51	.46	.42	.44	.40	.38	.37	.35	.33	.30
6.0	.57	.50	.44	.53	.47	.42	.47	.42	.38	.41	.37	.34	.35	.32	.30	.27
7.0	.52	.45	.40	.49	.43	.38	.43	.38	.34	.38	.34	.31	.32	.30	.28	.25
8.0	.48	.41	.36	.45	.39	.34	.40	.35	.31	.35	.31	.28	.30	.27	.25	.23
9.0	.44	.37	.33	.42	.36	.31	.37	.32	.29	.33	.29	.26	.28	.26	.24	.21
10.0	.41	.34	.30	.39	.33	.29	.35	.30	.26	.31	.27	.24	.27	.24	.22	.20



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance: 2.500m [K=1.0461]
Remarks:

WEC AND CCEC

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 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	.239	.136	.043	.218	.124	.039	.177	.101	.032	.139	.080	.026	.104	.060	.019	
2.0	.225	.123	.038	.205	.113	.035	.168	.094	.029	.134	.075	.024	.102	.058	.018	
3.0	.211	.112	.034	.193	.103	.031	.159	.086	.026	.127	.070	.021	.098	.054	.017	
4.0	.197	.102	.030	.181	.094	.028	.149	.079	.024	.120	.065	.020	.094	.051	.015	
5.0	.184	.094	.027	.169	.087	.025	.141	.073	.022	.114	.060	.018	.089	.048	.014	
6.0	.173	.087	.025	.159	.080	.023	.132	.068	.020	.108	.056	.016	.085	.045	.013	
7.0	.163	.080	.023	.150	.075	.021	.125	.063	.018	.102	.052	.015	.080	.042	.012	
8.0	.153	.075	.021	.141	.069	.020	.118	.059	.017	.097	.049	.014	.077	.039	.011	
9.0	.145	.070	.020	.133	.065	.018	.112	.055	.016	.092	.046	.013	.073	.037	.011	
10.0	.137	.066	.018	.126	.061	.017	.106	.052	.015	.087	.043	.012	.070	.035	.010	

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	.570	.570	.570	.487	.487	.487	.332	.332	.332	.191	.191	.191	.061	.061	.061	
1.0	.558	.539	.522	.477	.463	.449	.326	.318	.311	.188	.184	.181	.060	.059	.058	
2.0	.548	.517	.491	.469	.445	.424	.322	.308	.296	.186	.179	.173	.060	.058	.057	
3.0	.540	.501	.469	.463	.432	.407	.318	.300	.286	.184	.175	.168	.059	.057	.055	
4.0	.532	.488	.455	.457	.422	.395	.314	.294	.278	.182	.172	.165	.058	.056	.054	
5.0	.526	.479	.444	.452	.414	.386	.311	.289	.273	.180	.170	.162	.058	.055	.053	
6.0	.519	.471	.436	.447	.408	.380	.308	.285	.269	.179	.168	.160	.058	.055	.053	
7.0	.514	.465	.430	.442	.403	.375	.305	.282	.266	.177	.166	.158	.057	.054	.052	
8.0	.508	.459	.426	.438	.398	.371	.303	.280	.263	.176	.165	.157	.057	.054	.052	
9.0	.503	.455	.422	.434	.395	.368	.300	.277	.261	.175	.164	.156	.057	.054	.052	
10.0	.499	.451	.419	.430	.392	.366	.298	.276	.260	.174	.163	.155	.056	.054	.051	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 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	15.3	16.2	16.2	17.0	18.0	15.3	16.1	16.1	16.9	18.0
3H	15.6	16.3	16.5	17.2	18.3	15.4	16.1	16.3	17.0	18.1
4H	15.5	16.2	16.4	17.1	18.2	15.3	16.0	16.2	16.9	18.0
6H	15.5	16.1	16.4	17.0	18.1	15.2	15.9	16.1	16.8	17.9
8H	15.4	16.0	16.3	16.9	18.1	15.2	15.8	16.1	16.7	17.8
12H	15.4	15.9	16.3	16.9	18.0	15.1	15.7	16.0	16.6	17.7
4H 2H	15.2	15.9	16.1	16.8	17.9	15.2	15.9	16.1	16.7	17.8
3H	15.6	16.1	16.5	17.1	18.2	15.4	16.0	16.3	16.9	18.0
4H	15.6	16.1	16.5	17.0	18.2	15.4	15.9	16.3	16.8	18.0
6H	15.5	16.0	16.5	16.9	18.1	15.3	15.7	16.2	16.7	17.9
8H	15.5	15.9	16.5	16.9	18.1	15.2	15.6	16.2	16.6	17.8
12H	15.4	15.8	16.4	16.8	18.1	15.1	15.5	16.1	16.4	17.7
8H 4H	15.4	15.8	16.4	16.8	18.0	15.2	15.6	16.2	16.6	17.8
6H	15.4	15.7	16.4	16.7	18.0	15.1	15.4	16.1	16.4	17.7
8H	15.3	15.6	16.4	16.6	17.9	15.0	15.3	16.1	16.3	17.6
12H	15.3	15.6	16.4	16.6	17.9	14.9	15.2	16.0	16.2	17.5
12H 4H	15.3	15.7	16.3	16.6	17.9	15.1	15.5	16.1	16.4	17.7
6H	15.3	15.6	16.3	16.6	17.9	15.0	15.3	16.0	16.3	17.6
8H	15.3	15.5	16.3	16.5	17.9	15.0	15.2	16.0	16.2	17.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.1					+ 0.9 / - 1.2				
1.5H	+ 0.6 / - 0.5					+ 0.7 / - 0.8				
2.0H	+ 1.7 / - 2.2					+ 2.0 / - 2.2				

CIE Pub.117, 1335 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.0$)
Area: 0.0141692 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance: 2.500m [K=1.0461]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

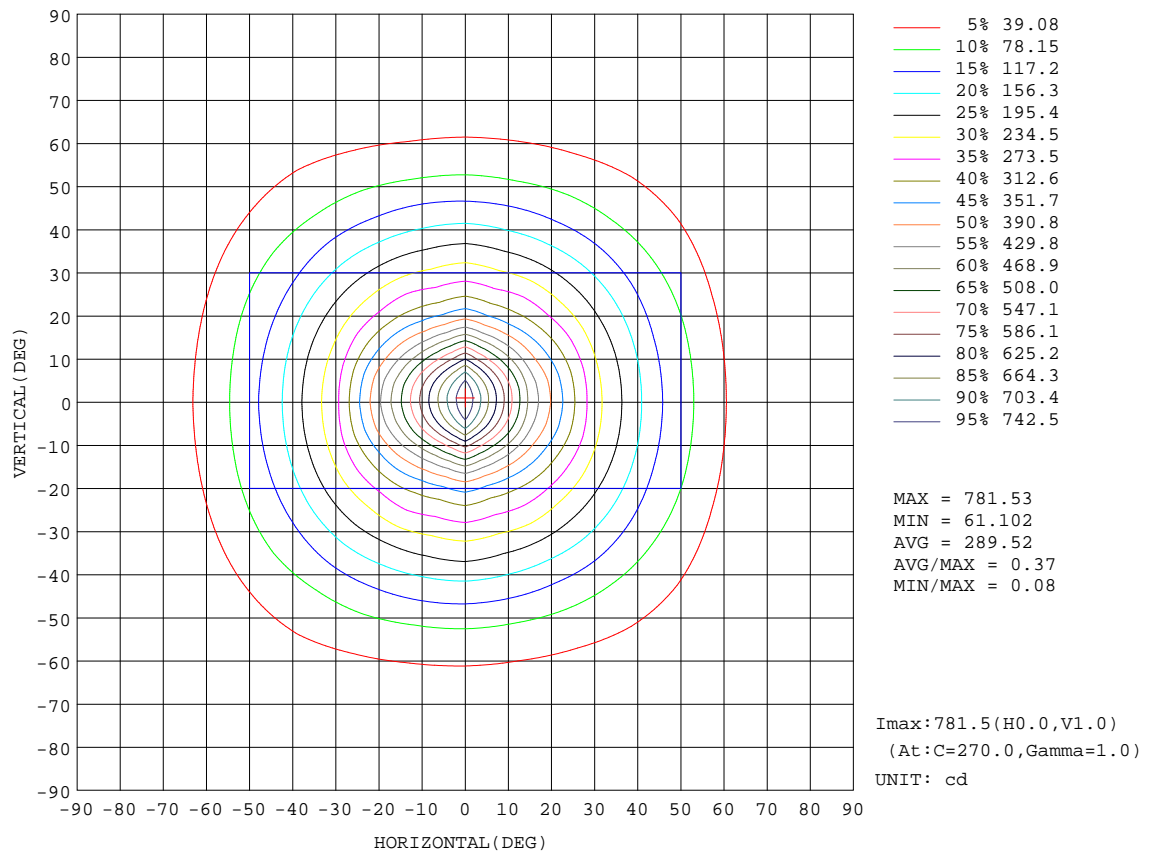
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	42	37	49	41	36	45	38	34	26
0.80	61	51	45	58	49	44	51	45	41	31
1.00	68	58	52	64	56	50	57	51	46	35
1.25	74	65	59	70	62	56	61	55	51	38
1.50	79	70	64	74	66	61	64	59	55	40
2.00	85	77	71	79	73	68	69	64	60	42
2.50	89	82	76	82	77	72	71	67	64	43
3.00	92	85	80	85	80	75	73	69	66	45
4.00	95	90	86	88	84	80	76	73	70	46
5.00	98	93	89	90	87	83	77	75	72	47
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: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 41.6%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



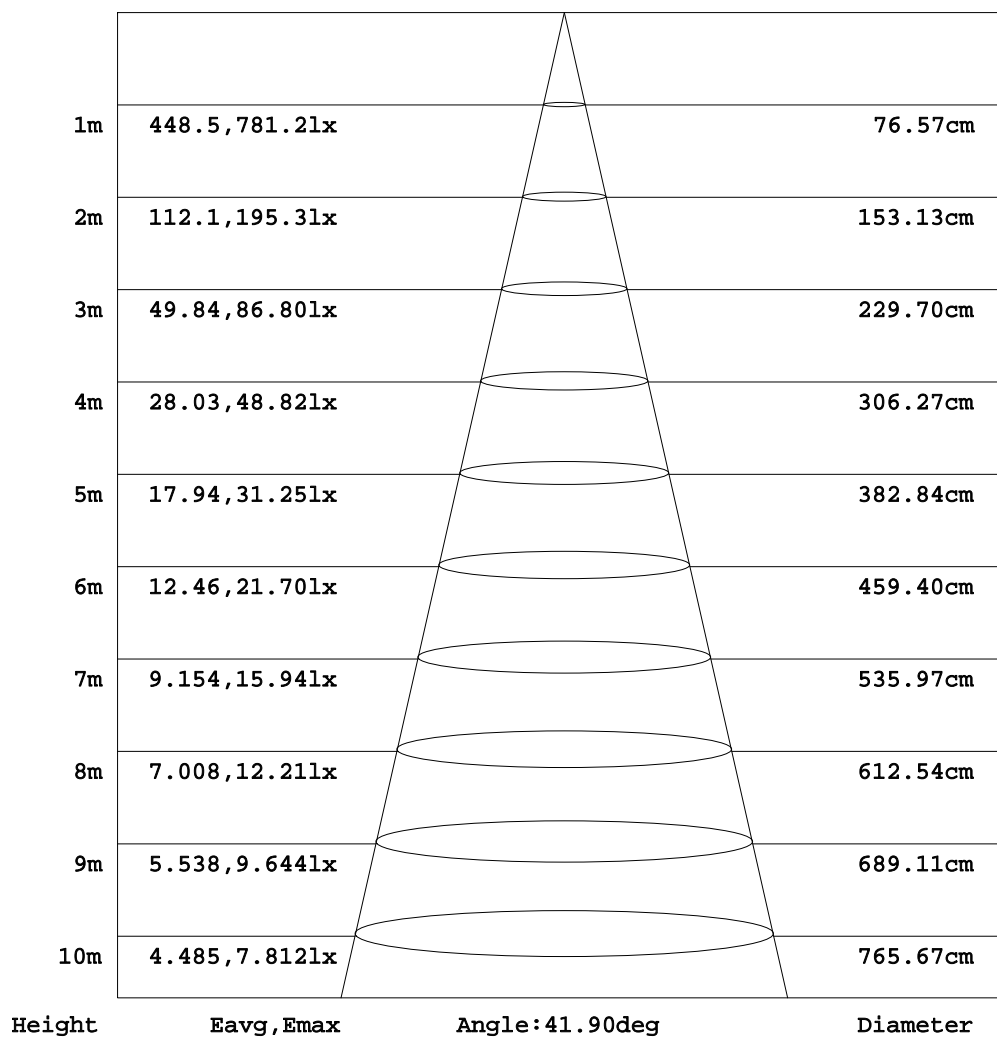
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance: 2.500m [K=1.0461]
Remarks:

AAI Figure

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:207.6 lm



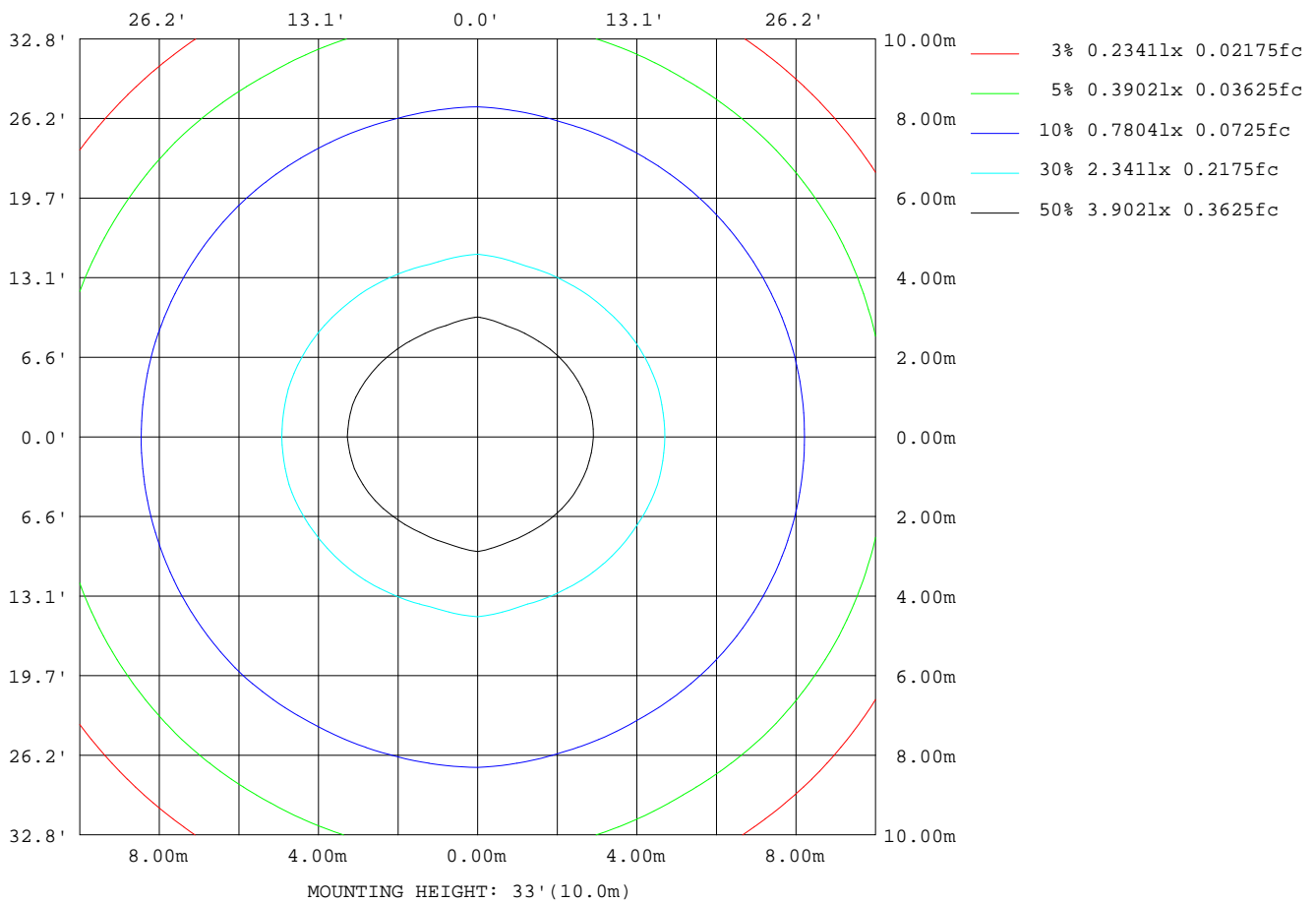
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance:2.500m [K=1.0461]
Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 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: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance: 2.500m [K=1.0461]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

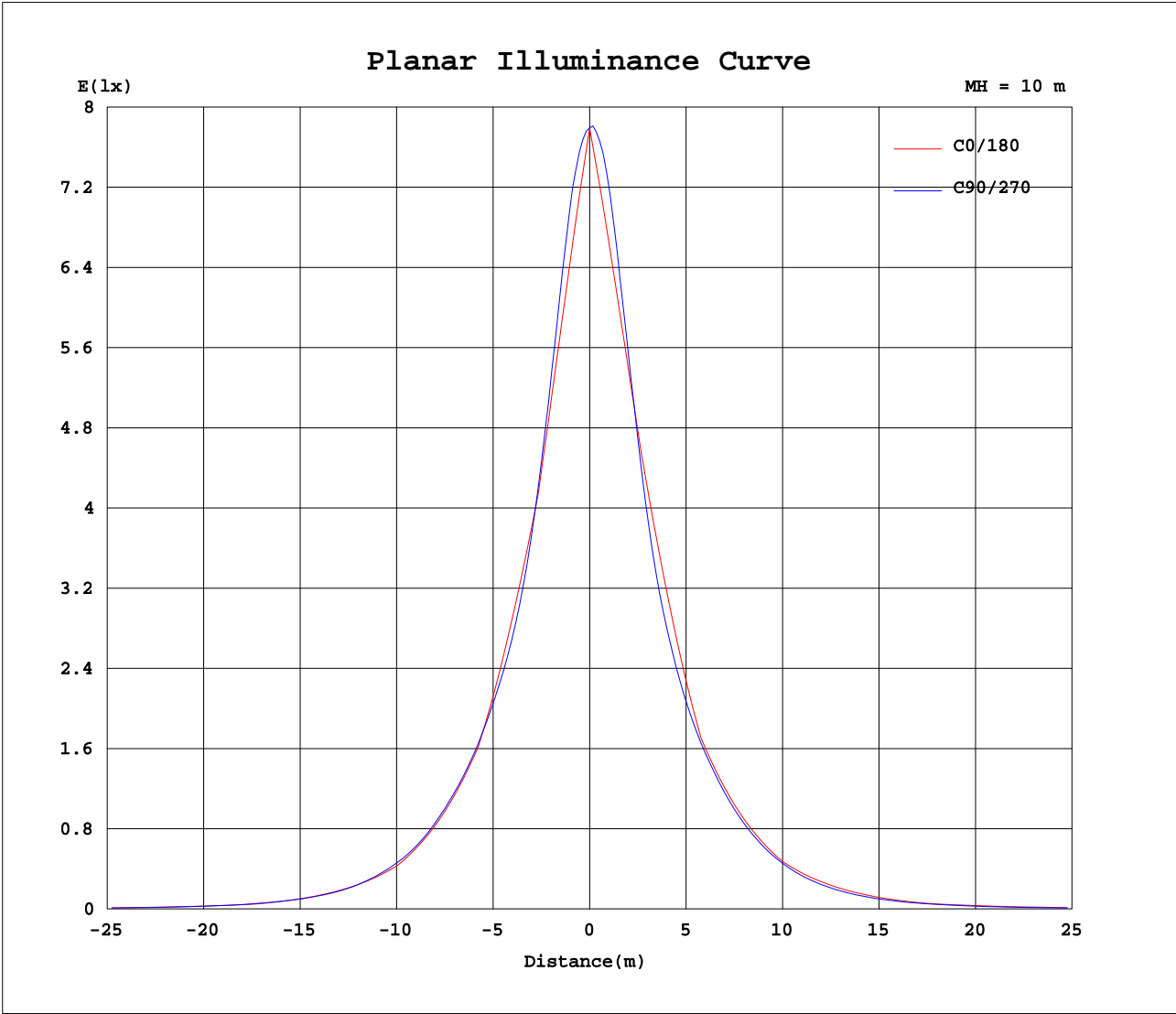
AvgL	cd/m2
L_0~180(65)av	5336
L_0~180(75)av	2392
L_0~180(85)av	2393
L_90~270(65)av	4653
L_90~270(75)av	2306
L_90~270(85)av	480
L_45(65)av	4873
L_45(75)av	2783
L_45(85)av	1721

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 41.6%
Test Distance: 2.500m [K=1.0461]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Temperature: 25.0DEG	Humidity: 41.6%
Operators:Alan Wang	Test Distance:2.500m [K=1.0461]
Test Date:15 October 2024	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 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	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779
5	672	672	674	679	689	706	728	709	696	689	687	687	688	691	695	701	710	724	744
10	565	562	561	558	560	571	597	576	571	575	585	591	596	598	596	591	590	600	625
15	458	456	452	444	440	444	465	448	449	463	482	497	505	504	493	478	469	469	488
20	388	382	369	360	353	351	364	355	361	377	396	415	424	420	404	388	372	366	378
25	319	316	306	299	294	291	303	295	302	311	323	338	344	341	329	316	307	299	307
30	249	253	251	247	250	246	254	250	258	258	266	267	263	267	266	259	257	249	255
35	206	207	205	204	204	204	212	208	212	214	218	219	220	219	216	213	210	207	211
40	164	164	164	164	162	164	169	168	169	175	176	177	177	176	174	172	168	166	168
45	121	123	125	125	124	127	130	130	132	134	136	135	134	135	134	133	129	130	129
50	94.4	93.2	89.4	91.0	90.7	92.0	94.2	95.0	97.3	99.1	99.5	104	105	104	99.1	98.8	96.8	94.9	94.6
55	67.3	67.1	65.9	61.7	63.0	62.3	65.1	65.0	68.3	68.9	74.3	75.6	76.0	75.9	73.8	69.0	68.7	65.7	65.9
60	40.2	41.4	43.8	43.1	41.6	41.5	43.3	43.7	45.8	48.7	50.3	48.0	46.8	48.2	50.2	48.7	46.0	43.7	44.1
65	29.4	28.4	26.4	26.8	26.1	26.3	27.3	27.9	29.4	31.0	31.3	33.6	34.5	33.7	31.4	31.3	29.6	27.7	28.4
70	18.5	18.2	17.4	15.6	15.6	15.3	15.7	16.4	17.9	18.6	20.9	21.9	22.2	22.1	21.2	19.0	18.1	15.8	16.7
75	7.60	8.04	8.85	8.99	7.93	7.79	8.17	8.54	9.39	11.0	11.0	10.3	9.95	10.6	11.4	11.5	9.57	7.59	8.74
80	5.08	4.86	4.28	3.50	3.63	3.37	3.43	3.85	4.52	4.61	5.59	6.34	6.65	6.50	5.89	5.06	4.66	2.98	4.00
85	2.57	2.45	2.16	1.76	1.17	0.54	0.31	0.68	1.62	2.31	2.81	3.19	3.34	3.27	2.95	2.53	1.68	0.43	0.88
90	0.05	0.05	0.06	0.08	0.10	0.11	0.11	0.10	0.09	0.07	0.05	0.04	0.04	0.04	0.04	0.05	0.07	0.10	0.05
95	3.17	3.08	2.76	2.32	1.69	0.84	0.75	0.84	1.59	2.13	2.49	2.72	2.77	2.61	2.32	1.93	1.39	0.66	0.46
100	6.29	6.12	5.49	4.63	4.74	4.21	4.08	4.21	4.50	4.25	4.94	5.41	5.49	5.18	4.62	3.86	4.05	3.75	3.58
105	9.41	10.0	11.0	11.3	9.83	9.27	9.18	9.19	9.34	10.3	9.90	8.87	8.21	8.51	9.38	9.57	8.53	8.29	8.32
110	21.7	21.9	21.2	19.2	18.8	17.9	17.8	17.6	17.9	17.5	19.0	19.4	19.2	18.8	18.2	16.4	16.4	15.8	15.8
115	34.1	33.9	31.8	32.2	31.0	30.1	30.1	29.5	29.2	29.4	28.4	30.1	30.1	29.1	27.3	27.6	26.9	26.6	27.1
120	46.4	48.7	51.3	50.5	48.3	46.5	46.9	45.4	45.4	46.2	46.1	43.3	41.0	42.0	44.4	43.6	42.0	41.3	42.1
125	75.6	76.6	75.8	71.5	72.0	69.4	69.8	67.6	67.7	65.4	68.6	68.8	67.6	67.2	66.0	61.5	62.6	61.4	63.2
130	105	105	102	102	102	99.9	99.9	97.2	95.9	95.0	92.5	94.6	94.2	92.8	89.2	89.6	89.2	89.5	91.7
135	134	136	138	138	136	136	135	132	128	129	127	124	121	122	124	123	122	123	125
140	176	177	178	177	174	173	174	168	166	166	166	164	163	163	163	161	158	159	164
145	217	219	219	218	216	213	216	209	208	206	206	206	205	205	203	200	200	199	207
150	259	264	267	262	262	254	259	250	253	251	254	251	247	251	251	246	247	242	249
155	330	330	323	314	309	302	309	297	300	303	311	317	318	317	308	299	293	288	298
160	401	401	389	379	367	363	375	359	359	368	375	387	390	387	375	364	352	349	362
165	472	475	468	459	452	455	473	452	446	449	455	462	461	460	455	444	436	438	457
170	559	562	562	559	560	570	594	568	555	552	553	554	552	550	549	546	546	554	577
175	646	649	653	659	668	682	700	681	666	656	649	645	642	642	644	649	658	671	690
180	733	733	733	733	733	733	733	733	733	733	733	733	733	733	733	733	733	733	733

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 15 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 41.6%

Test Distance: 2.500m [K=1.0461]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0821A P:9.67W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.59x1 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	779	779	779	779	779														
5	721	703	690	682	676														
10	594	579	573	571	569														
15	464	458	459	461	462														
20	362	362	369	377	387														
25	296	299	303	311	318														
30	247	251	250	253	253														
35	204	205	204	205	206														
40	163	162	163	164	164														
45	127	124	125	125	123														
50	91.9	91.8	91.3	90.1	93.5														
55	64.0	64.2	62.1	66.4	67.4														
60	43.1	42.8	43.8	44.1	41.6														
65	28.6	27.4	27.6	26.8	28.6														
70	17.9	16.8	16.2	17.8	18.3														
75	10.4	8.93	9.43	9.08	8.09														
80	5.61	4.49	3.80	4.43	4.90														
85	2.25	1.69	1.90	2.23	2.47														
90	0.09	0.07	0.06	0.05	0.05														
95	0.62	1.47	2.15	2.65	3.03														
100	3.70	4.25	4.31	5.27	6.02														
105	8.31	8.94	10.4	10.5	9.85														
110	16.0	17.1	17.7	20.1	21.3														
115	27.0	28.2	29.7	30.1	32.9														
120	42.2	43.9	46.8	48.5	47.1														
125	62.8	66.0	66.6	71.8	74.4														
130	92.8	93.8	95.8	96.6	102														
135	126	127	130	132	133														
140	163	164	169	172	174														
145	202	206	209	213	216														
150	244	252	252	259	262														
155	290	296	305	314	326														
160	351	355	368	379	394														
165	439	437	445	458	466														
170	555	547	548	552	555														
175	672	659	651	647	645														
180	733	733	733	733	733														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 15 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 41.6%

Test Distance: 2.500m [K=1.0461]

Remarks: