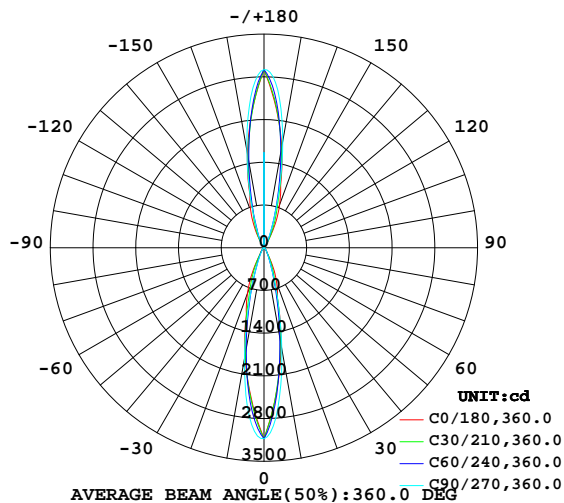


LUMINAIRE PHOTOMETRIC TEST REPORT

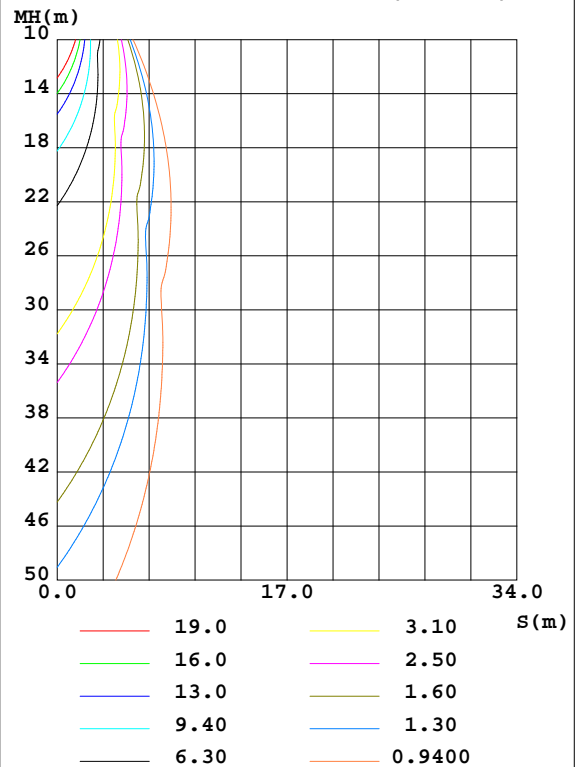
Test:U:120.0V I:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.23 lm/W			
MODEL:LINDEPS020UNHD8SC2R4BZP		I _{max} (cd)	3129	S/MH(C0/180)	0.39
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1387.9	η UP,DN(C0-180)	25.3,24.5
NOMINAL FLUX(lm)	1387.86	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.1,26.2
LAMPS INSIDE	1	η up(%)	49.3	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	50.7	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: 25.0DEG
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	1613	1506	1686	1579	1791	1712	1855	1598	0- 10	209.7	209.7	15.1,15.1
20	606.0	391.2	376.6	439.3	793.3	513.5	425.0	394.5	10- 20	256.7	466.5	33.6,33.6
30	108.9	128.7	116.5	140.9	134.8	152.5	114.7	124.8	20- 30	126.5	593.0	42.7,42.7
40	57.06	46.72	48.03	51.51	69.05	51.67	45.93	44.59	30- 40	51.03	644.0	46.4,46.4
50	24.70	23.83	22.93	25.56	28.60	25.97	22.83	22.96	40- 50	27.51	671.5	48.4,48.4
60	11.82	12.35	12.08	13.27	13.45	13.63	12.20	12.21	50- 60	16.04	687.6	49.5,49.5
70	6.981	6.384	6.084	6.877	8.044	7.230	6.515	6.406	60- 70	9.378	696.9	50.2,50.2
80	3.063	2.561	2.295	3.025	3.572	3.435	2.746	2.764	70- 80	5.044	702.0	50.6,50.6
90	0.0636	0.0627	0.0737	0.0459	0.0338	0.0639	0.0270	0.0737	80- 90	1.494	703.5	50.7,50.7
100	3.081	2.677	2.405	2.782	3.128	2.553	2.171	2.624	90-100	1.354	704.8	50.8,50.8
110	7.293	6.466	6.220	6.484	7.015	6.165	5.856	6.401	100-110	4.712	709.5	51.1,51.1
120	12.70	12.72	11.95	12.25	11.69	11.88	11.56	12.60	110-120	8.990	718.5	51.8,51.8
130	27.57	24.45	22.04	22.59	23.24	22.34	21.53	24.57	120-130	15.33	733.9	52.9,52.9
140	68.55	49.26	44.54	43.62	55.32	42.86	43.96	49.59	130-140	26.27	760.1	54.8,54.8
150	135.6	146.9	114.1	129.8	108.0	124.6	112.3	145.8	140-150	49.68	809.8	58.3,58.3
160	749.3	472.8	425.7	433.4	633.9	392.9	399.1	473.3	150-160	127.3	937.1	67.5,67.5
170	1677	1601	1775	1552	1571	1453	1627	1522	160-170	252.5	1190	85.7,85.7
180	2919	2919	2919	2919	2919	2919	2919	2919	170-180	198.3	1388	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 659.91 lm

%lum = 47.5%

%lamp = 47.5%

Conical surface Flux(120deg): 687.56 lm

%lum = 49.5%

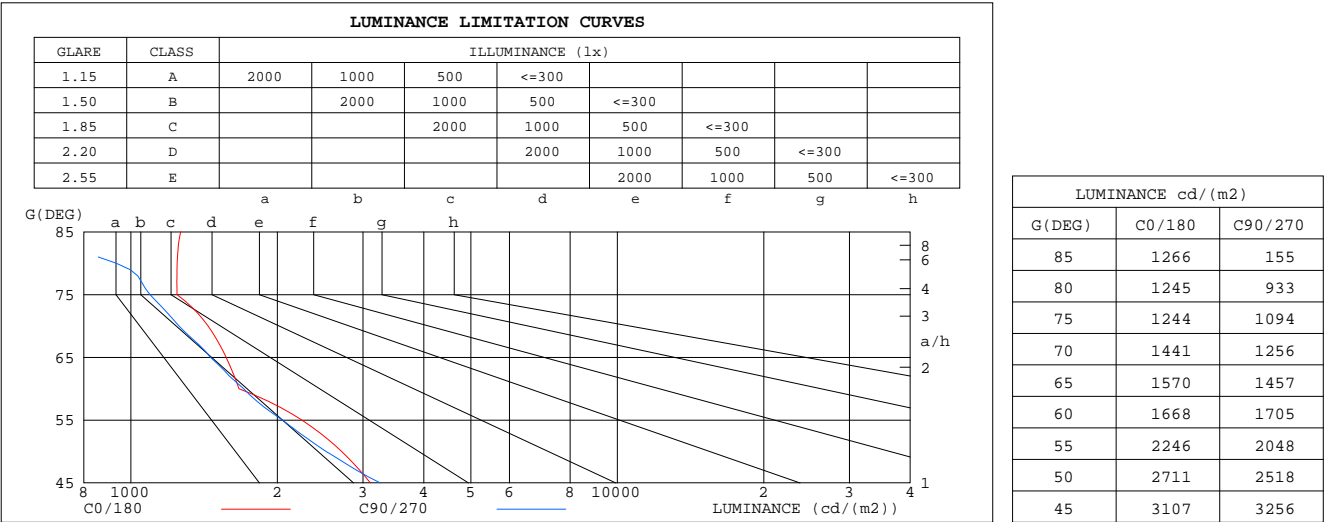
%lamp = 49.5%

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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



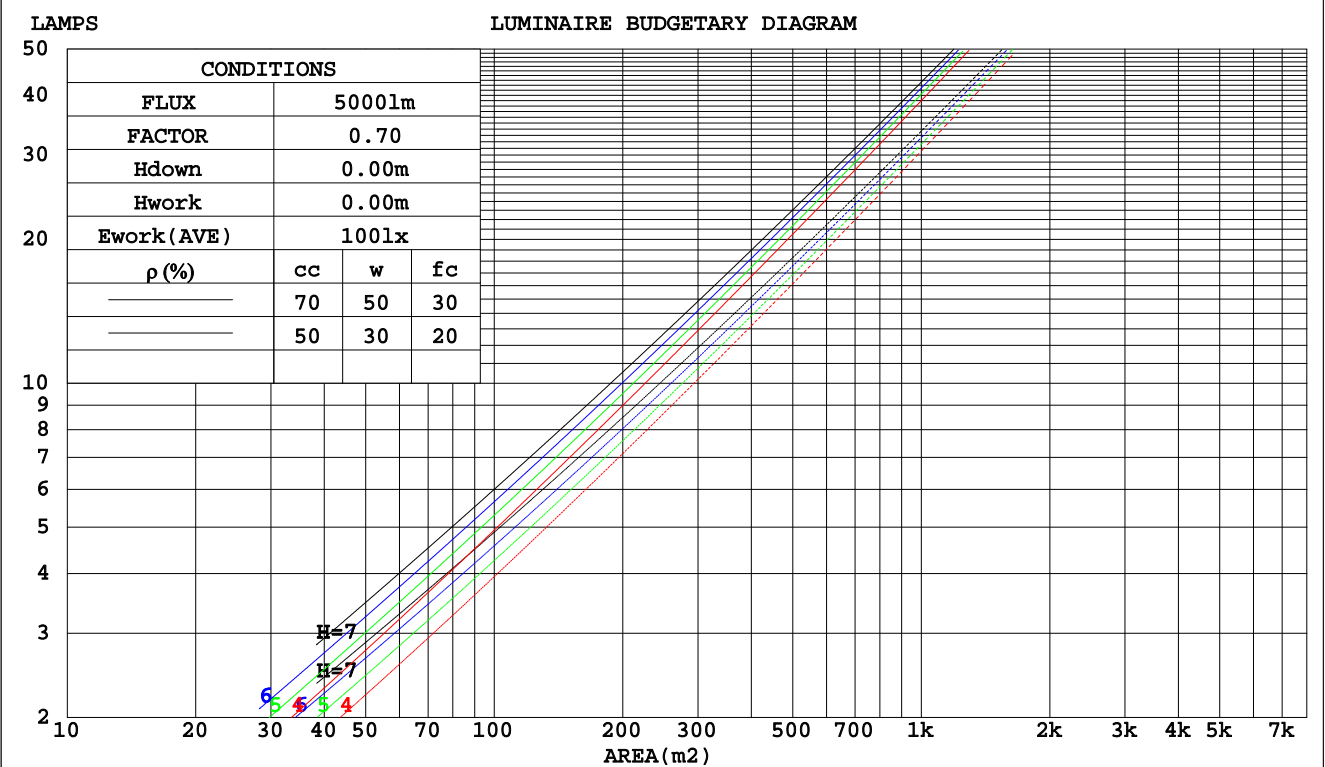
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 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: 25.0DEG
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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 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	.208	.118	.037	.186	.106	.034	.146	.084	.027	.108	.063	.020	.074	.043	.014		
2.0	.193	.106	.032	.173	.095	.029	.136	.076	.024	.102	.057	.018	.071	.040	.013		
3.0	.179	.095	.028	.161	.086	.026	.128	.069	.021	.097	.053	.016	.068	.038	.012		
4.0	.166	.086	.025	.150	.079	.023	.120	.063	.019	.091	.049	.015	.065	.035	.011		
5.0	.155	.079	.023	.140	.072	.021	.112	.059	.017	.086	.046	.014	.062	.033	.010		
6.0	.146	.073	.021	.132	.067	.019	.106	.054	.016	.082	.043	.013	.059	.031	.009		
7.0	.137	.068	.019	.124	.062	.018	.100	.051	.015	.078	.040	.012	.057	.029	.009		
8.0	.129	.063	.018	.117	.058	.016	.095	.047	.014	.074	.038	.011	.054	.028	.008		
9.0	.122	.059	.016	.111	.054	.015	.090	.045	.013	.071	.035	.010	.052	.027	.008		
10.0	.115	.055	.015	.105	.051	.014	.086	.042	.012	.068	.034	.010	.050	.025	.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	.566	.566	.566	.484	.484	.484	.330	.330	.330	.190	.190	.190	.061	.061	.061	
1.0	.552	.536	.521	.472	.460	.449	.323	.316	.310	.186	.183	.180	.060	.059	.058	
2.0	.540	.514	.491	.463	.442	.425	.317	.306	.296	.183	.178	.174	.059	.058	.057	
3.0	.530	.497	.471	.455	.429	.408	.312	.298	.286	.180	.174	.169	.058	.056	.055	
4.0	.522	.484	.456	.447	.418	.396	.308	.292	.279	.178	.171	.165	.057	.056	.054	
5.0	.514	.474	.445	.441	.410	.387	.304	.287	.273	.176	.168	.162	.057	.055	.053	
6.0	.507	.466	.437	.436	.403	.380	.301	.282	.269	.174	.166	.160	.056	.054	.053	
7.0	.501	.459	.430	.431	.398	.375	.297	.279	.266	.173	.164	.158	.056	.054	.052	
8.0	.495	.454	.425	.426	.393	.371	.295	.276	.263	.171	.163	.157	.055	.053	.052	
9.0	.490	.449	.421	.422	.390	.368	.292	.274	.261	.170	.162	.156	.055	.053	.052	
10.0	.485	.445	.418	.418	.386	.365	.290	.272	.259	.169	.161	.155	.055	.053	.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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 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	6.9	7.6	7.7	8.4	9.3	6.4	7.1	7.2	7.9	8.8
	3H	7.4	8.0	8.2	8.8	9.8	6.8	7.4	7.7	8.2	9.3
	4H	7.5	8.1	8.4	9.0	10.0	7.0	7.5	7.8	8.4	9.4
	6H	7.7	8.2	8.6	9.1	10.2	7.0	7.6	7.9	8.4	9.5
	8H	7.7	8.2	8.7	9.1	10.2	7.0	7.5	7.9	8.4	9.5
	12H	7.8	8.2	8.7	9.1	10.3	6.9	7.4	7.9	8.3	9.4
4H	2H	6.8	7.4	7.7	8.2	9.3	6.4	7.0	7.3	7.8	8.9
	3H	7.5	7.9	8.4	8.8	10.0	7.0	7.5	7.9	8.3	9.5
	4H	7.7	8.2	8.7	9.1	10.3	7.2	7.6	8.2	8.6	9.7
	6H	8.0	8.4	9.0	9.3	10.5	7.4	7.7	8.3	8.7	9.9
	8H	8.1	8.4	9.1	9.4	10.6	7.4	7.7	8.3	8.7	9.9
	12H	8.2	8.5	9.2	9.5	10.7	7.3	7.6	8.3	8.6	9.8
8H	4H	7.7	8.0	8.7	9.0	10.2	7.2	7.5	8.2	8.5	9.7
	6H	8.0	8.3	9.0	9.3	10.6	7.4	7.7	8.4	8.7	10.0
	8H	8.2	8.5	9.2	9.5	10.7	7.5	7.7	8.5	8.7	10.0
	12H	8.4	8.6	9.4	9.6	10.9	7.4	7.6	8.4	8.6	9.9
12H	4H	7.6	7.9	8.6	8.9	10.1	7.1	7.4	8.1	8.4	9.7
	6H	8.0	8.2	9.0	9.2	10.5	7.4	7.6	8.4	8.6	9.9
	8H	8.2	8.4	9.2	9.4	10.7	7.4	7.7	8.5	8.7	10.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.9					+ 0.7 / - 0.9					
1.5H	+ 1.4 / - 0.5					+ 1.2 / - 0.6					
2.0H	+ 0.9 / - 0.9					+ 1.3 / - 0.9					

CIE Pub.117, 1388 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.1$)
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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

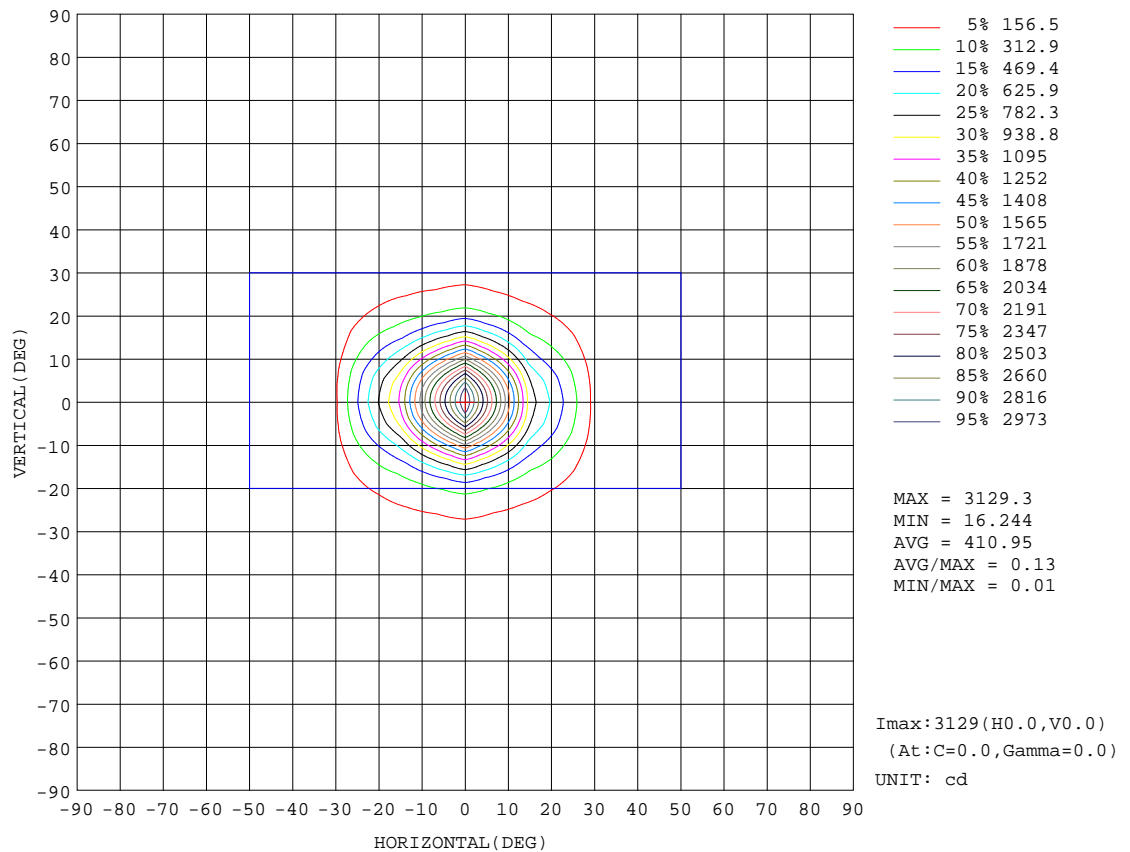
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	51	46	57	50	45	52	47	43	36
0.80	67	59	54	64	57	52	58	53	49	40
1.00	73	65	59	69	62	57	62	57	53	43
1.25	79	70	65	74	67	62	66	61	57	45
1.50	83	75	70	78	71	67	68	64	61	46
2.00	88	81	76	82	76	72	71	68	65	47
2.50	91	85	80	85	80	76	74	70	67	48
3.00	94	88	84	87	83	79	75	72	70	48
4.00	97	92	89	90	86	83	77	75	73	49
5.00	99	95	92	92	89	86	79	77	75	50
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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

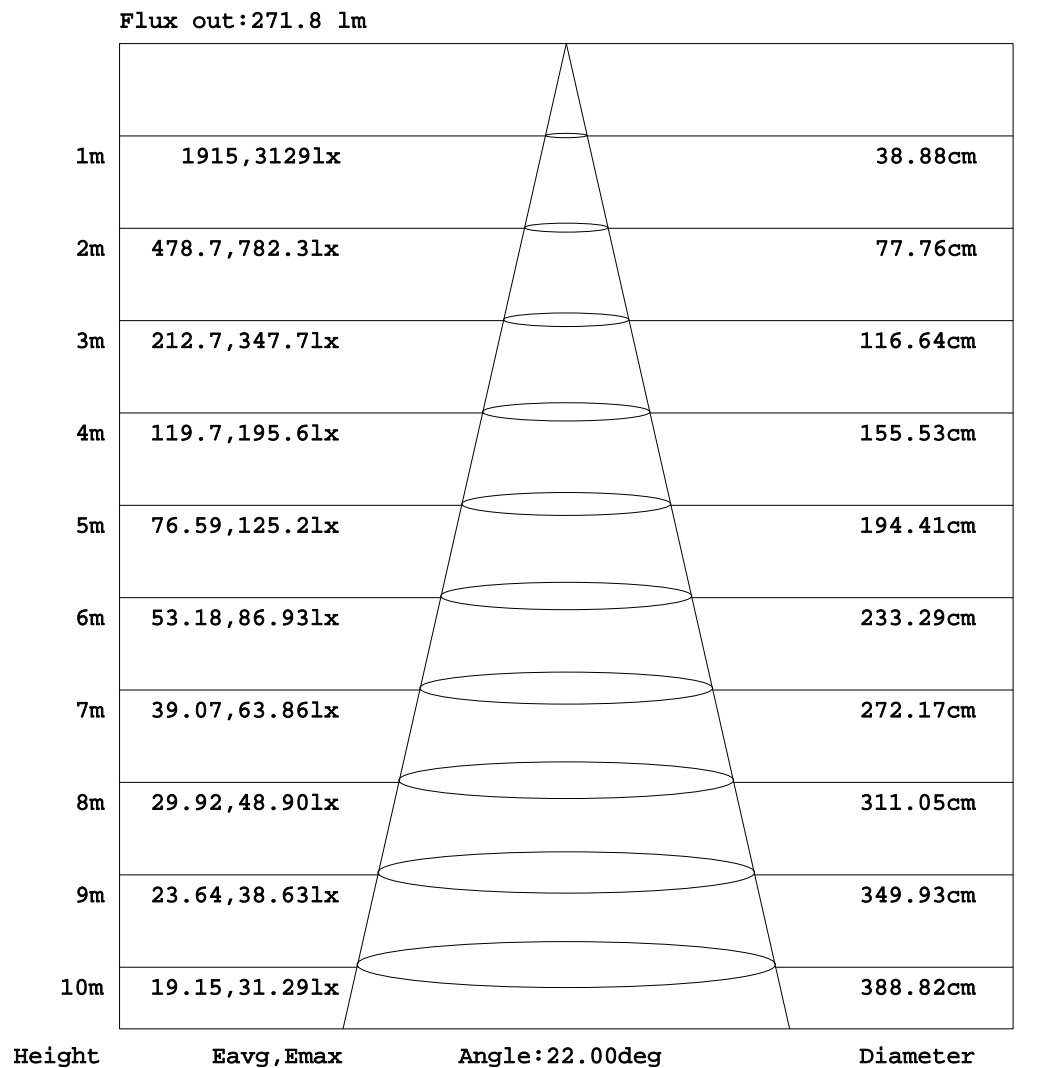


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



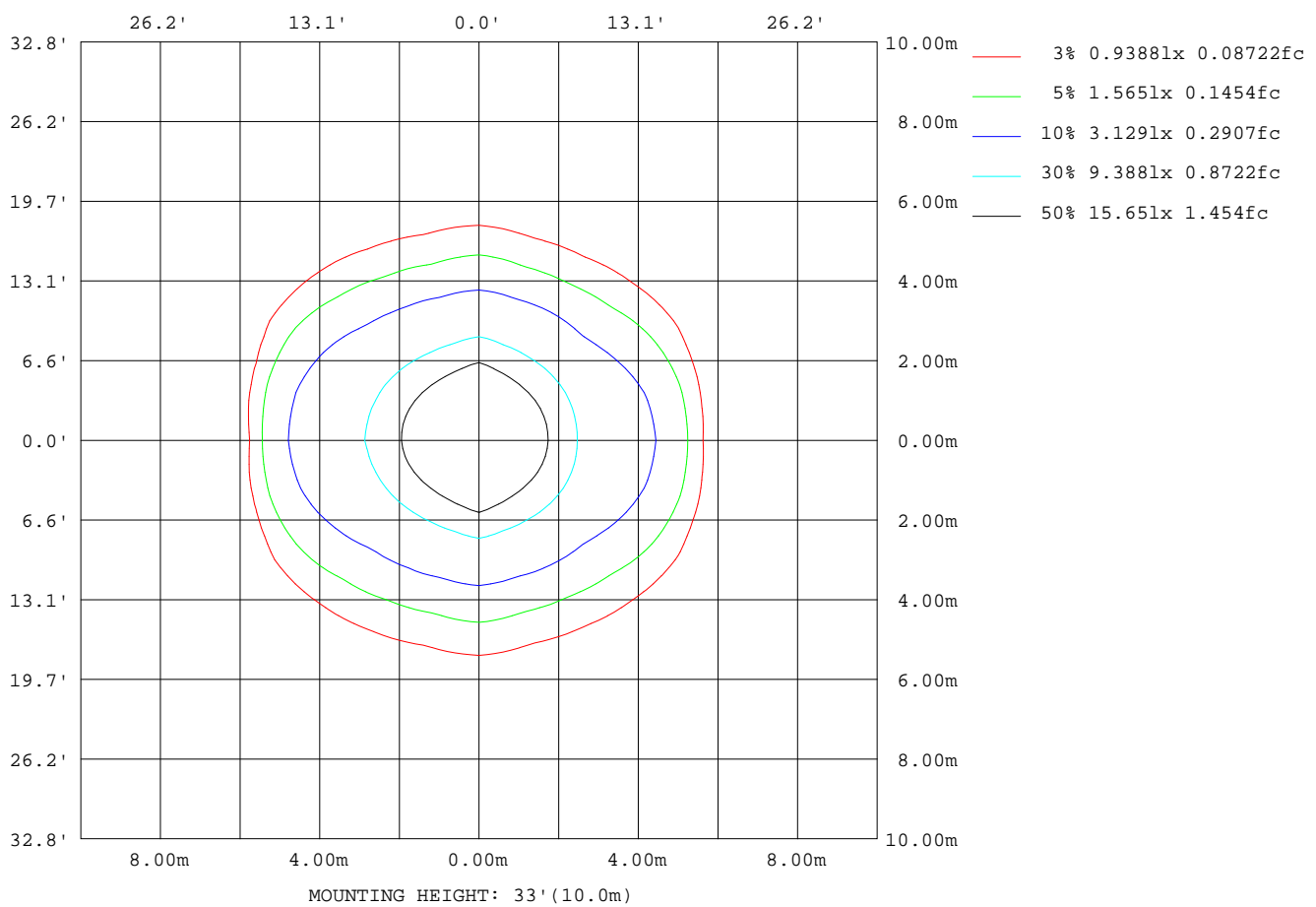
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

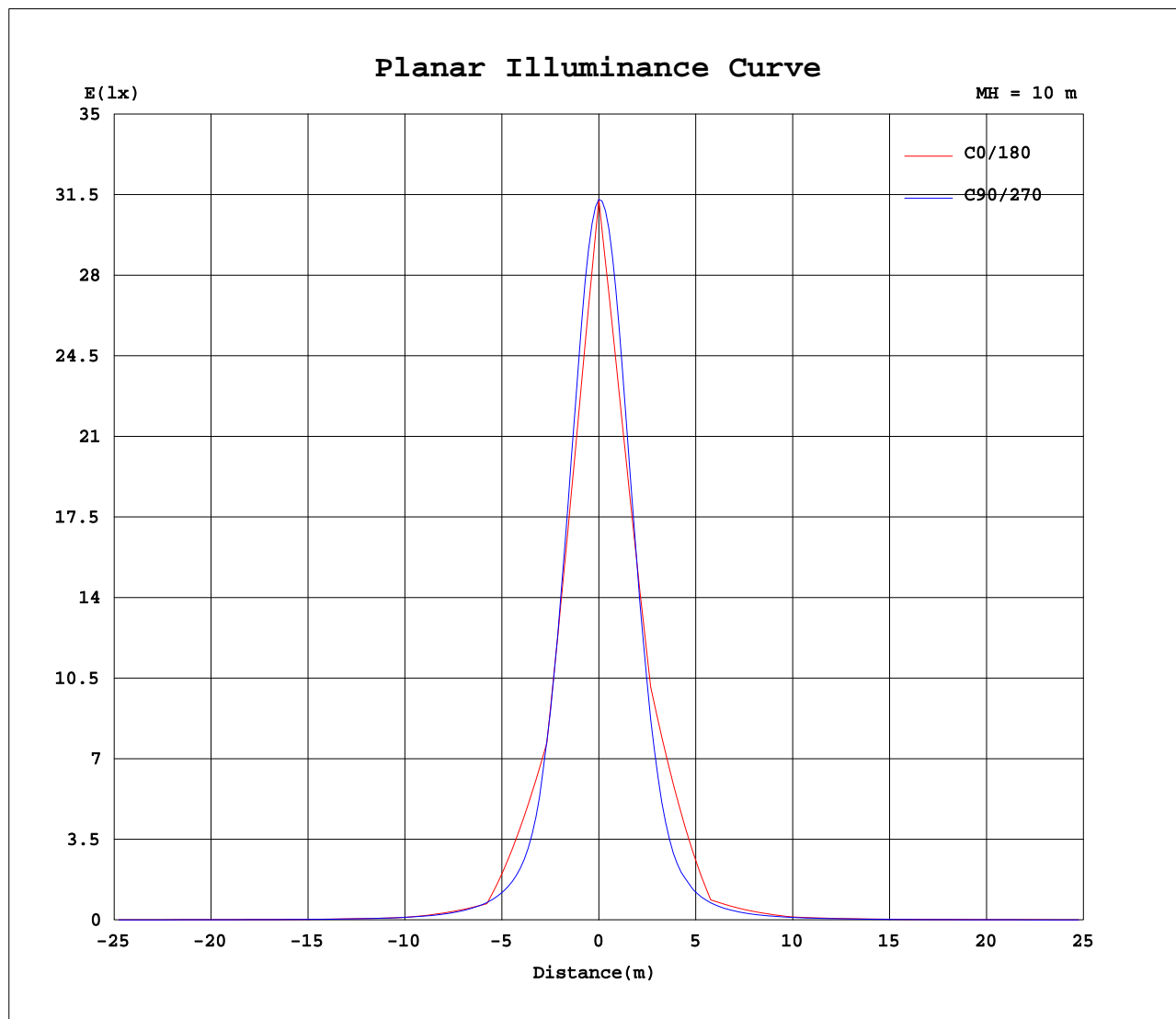
AvgL	cd/m2
L_0~180(65)av	1682
L_0~180(75)av	1350
L_0~180(85)av	1363
L_90~270(65)av	1488
L_90~270(75)av	1153
L_90~270(85)av	292
L_45(65)av	1568
L_45(75)av	1300
L_45(85)av	1209

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
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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 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	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129	3129
5	2371	2360	2358	2373	2415	2496	2632	2513	2450	2425	2427	2443	2460	2470	2486	2511	2558	2641	2771
10	1613	1590	1550	1506	1496	1543	1686	1561	1536	1579	1662	1744	1791	1791	1761	1712	1682	1719	1855
15	855	864	856	820	777	777	864	789	807	884	982	1075	1123	1126	1086	1000	919	895	967
20	606	567	473	391	364	347	377	355	384	439	559	709	793	760	642	514	443	402	425
25	357	336	278	218	191	182	197	187	204	242	321	413	464	448	368	275	221	198	209
30	109	134	145	129	116	109	116	112	124	141	165	159	135	170	183	153	127	112	115
35	83.0	81.2	73.1	76.7	73.6	69.9	73.7	72.2	78.3	83.9	82.8	94.5	102	98.5	85.5	85.5	78.1	70.4	71.0
40	57.1	56.8	53.0	46.7	47.7	46.1	48.0	47.5	50.6	51.5	59.1	65.5	69.1	67.8	60.9	51.7	50.4	46.6	45.9
45	31.1	33.8	36.1	33.6	32.0	32.0	32.6	33.1	34.0	36.4	39.8	38.3	36.2	39.0	40.6	37.0	34.1	32.6	32.0
50	24.7	24.4	23.1	23.8	22.7	22.4	22.9	23.2	24.2	25.6	25.2	27.3	28.6	27.7	25.8	26.0	24.1	23.2	22.8
55	18.3	18.3	17.7	16.3	16.5	16.1	16.6	16.7	17.5	17.5	19.3	20.4	21.0	20.7	19.8	17.8	17.7	16.7	16.5
60	11.8	12.3	12.8	12.3	12.0	11.7	12.1	12.0	12.7	13.3	14.0	13.6	13.4	13.8	14.4	13.6	13.0	12.3	12.2
65	9.40	9.35	8.89	8.97	8.74	8.58	8.72	8.83	9.22	9.66	9.85	10.3	10.7	10.5	10.2	9.99	9.58	9.05	9.10
70	6.98	7.01	6.67	6.38	6.38	6.09	6.08	6.22	6.62	6.88	7.42	7.74	8.04	7.94	7.84	7.23	6.99	6.39	6.52
75	4.56	4.67	4.51	4.39	4.35	4.13	4.01	4.16	4.51	4.87	5.05	5.17	5.34	5.41	5.53	5.29	4.88	4.25	4.44
80	3.06	3.08	2.82	2.56	2.38	2.28	2.30	2.50	2.70	3.02	3.18	3.40	3.57	3.57	3.57	3.44	2.99	2.26	2.75
85	1.56	1.56	1.43	1.30	0.94	0.38	0.19	0.50	1.23	1.53	1.60	1.71	1.80	1.80	1.81	1.73	1.38	0.36	0.53
90	0.06	0.06	0.06	0.06	0.07	0.08	0.07	0.07	0.06	0.05	0.04	0.03	0.03	0.04	0.05	0.06	0.08	0.10	0.03
95	1.57	1.51	1.44	1.36	1.20	0.55	0.37	0.58	1.14	1.40	1.53	1.59	1.58	1.51	1.39	1.30	1.04	0.47	0.25
100	3.08	2.97	2.84	2.68	2.60	2.44	2.41	2.59	2.62	2.78	3.03	3.15	3.13	2.99	2.74	2.55	2.34	2.28	2.17
105	4.59	4.53	4.59	4.48	4.30	4.14	4.10	4.33	4.49	4.57	4.75	4.77	4.68	4.54	4.39	4.28	4.01	3.86	3.81
110	7.29	7.10	6.92	6.47	6.37	6.18	6.22	6.34	6.50	6.48	6.83	6.97	7.02	6.76	6.50	6.16	6.04	5.86	5.86
115	10.00	9.69	9.31	9.19	8.89	8.71	8.80	8.78	8.83	9.00	8.97	9.18	9.35	9.00	8.66	8.65	8.48	8.33	8.45
120	12.7	13.0	13.3	12.7	12.3	11.8	11.9	11.8	12.0	12.2	12.5	11.9	11.7	11.8	12.2	11.9	11.6	11.3	11.6
125	20.1	19.5	18.4	16.7	16.8	16.0	16.2	15.7	16.2	15.9	17.0	17.3	17.5	17.0	16.7	15.6	15.8	15.4	15.7
130	27.6	26.3	24.1	24.4	23.0	22.2	22.0	21.5	21.7	22.6	21.8	22.8	23.2	22.4	21.4	22.3	21.4	21.2	21.5
135	35.0	37.2	38.4	35.0	32.4	31.3	30.7	30.0	30.4	31.5	33.8	31.7	29.0	31.1	33.1	31.1	29.9	29.8	30.3
140	68.5	65.1	58.1	49.3	48.1	44.7	44.5	43.1	44.6	43.6	50.1	54.6	55.3	53.1	48.6	42.9	43.8	42.2	44.0
145	102	95.0	82.1	82.7	75.6	68.0	69.0	65.2	69.0	73.2	69.7	79.1	81.6	76.6	67.4	71.7	67.6	63.8	67.5
150	136	162	171	147	125	110	114	106	112	130	151	136	108	130	141	125	110	104	112
155	442	416	338	260	216	197	209	190	197	235	302	360	371	338	277	217	190	182	199
160	749	704	585	473	426	398	426	390	406	433	521	609	634	577	476	393	372	363	399
165	1056	1046	1002	934	874	866	948	856	851	886	916	914	897	880	849	808	772	781	873
170	1677	1670	1641	1601	1586	1635	1775	1622	1558	1552	1568	1575	1571	1541	1497	1453	1442	1491	1627
175	2298	2306	2319	2343	2390	2472	2596	2461	2368	2311	2276	2256	2245	2235	2231	2245	2284	2360	2485
180	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919	2919

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:0.0822A P:9.69W PF:0.9820 Freq:60.00Hz Lamp Flux:1387.86x1 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(DEC) γ (DEC)	285	300	315	330	345														
0	3129	3129	3129	3129	3129														
5	2619	2514	2447	2407	2383														
10	1683	1608	1598	1610	1615														
15	864	846	864	879	867														
20	384	392	395	470	568														
25	188	191	217	274	336														
30	106	111	125	142	131														
35	66.4	69.8	73.1	70.2	78.2														
40	44.1	45.5	44.6	50.7	54.8														
45	31.3	31.1	32.3	34.4	32.8														
50	22.3	22.4	23.0	22.3	23.7														
55	16.2	16.6	16.0	17.2	17.8														
60	12.0	12.2	12.2	12.6	12.0														
65	9.11	8.93	8.94	8.90	9.15														
70	6.84	6.62	6.41	6.72	6.86														
75	4.98	4.66	4.52	4.61	4.58														
80	3.43	2.93	2.76	2.93	3.02														
85	1.69	1.44	1.41	1.49	1.54														
90	0.10	0.09	0.07	0.06	0.06														
95	0.43	1.09	1.34	1.46	1.57														
100	2.25	2.46	2.62	2.87	3.08														
105	3.91	4.21	4.42	4.60	4.69														
110	5.91	6.25	6.40	6.87	7.22														
115	8.45	8.75	9.08	9.24	9.78														
120	11.5	12.0	12.6	13.3	13.1														
125	15.6	16.4	16.7	18.6	19.7														
130	21.6	22.6	24.6	24.4	26.6														
135	30.9	32.2	35.3	39.0	37.7														
140	44.3	47.8	49.6	58.8	66.3														
145	67.2	75.5	83.3	83.2	96.8														
150	109	124	146	173	163														
155	191	213	260	341	413														
160	376	408	473	583	696														
165	802	820	892	975	1034														
170	1512	1487	1522	1588	1646														
175	2374	2311	2283	2278	2287														
180	2919	2919	2919	2919	2919														

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: