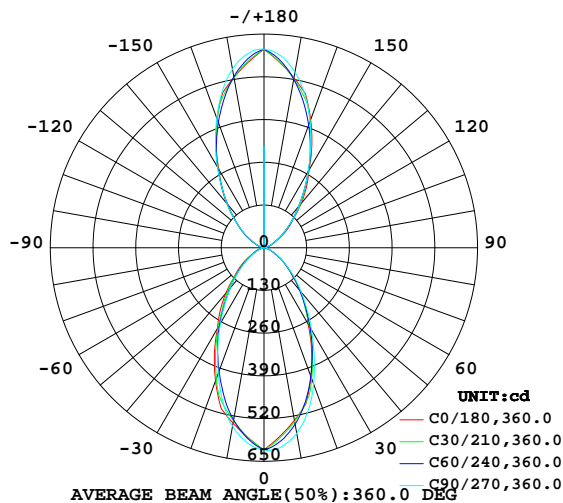


LUMINAIRE PHOTOMETRIC TEST REPORT

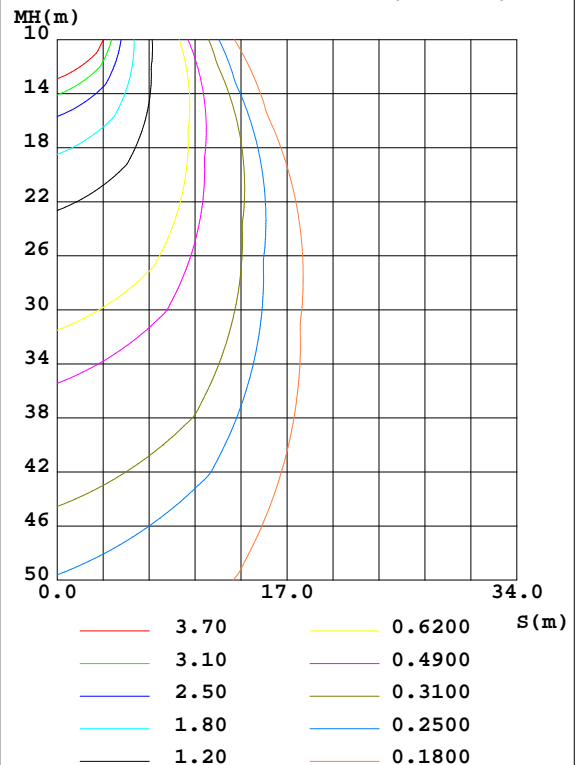
Test:U:120.0V I:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.73 lm/W			
MODEL	INDEPS010UNHD8SC2R3BZP	I _{max} (cd)	616.7	S/MH(C0/180)	0.84
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1366.6	η UP,DN(C0-180)	24.6,25.8
NOMINAL FLUX(lm)	1366.58	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.3,24.4
LAMPS INSIDE	1	η up(%)	49.8	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	50.2	CIBSE SHR MAX	0.90

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: 22 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	533.3	539.5	573.8	546.2	542.4	532.2	551.2	524.1	0- 10	54.38	54.38	3.98,3.98
20	417.7	425.1	441.5	435.5	431.5	417.0	407.4	402.6	10- 20	135.4	189.8	13.9,13.9
30	268.5	279.1	289.5	291.1	282.8	273.7	264.7	263.5	20- 30	157.9	347.6	25.4,25.4
40	171.4	168.7	176.4	178.1	181.2	166.3	160.5	158.9	30- 40	136.5	484.2	35.4,35.4
50	95.33	94.69	97.73	100.5	101.6	91.94	86.24	87.08	40- 50	99.16	583.3	42.7,42.7
60	40.28	45.78	45.17	49.53	44.04	44.01	38.78	41.15	50- 60	59.73	643.0	47.1,47.1
70	19.23	18.01	18.31	19.81	21.31	17.00	14.52	15.45	60- 70	28.89	671.9	49.2,49.2
80	5.814	5.139	5.605	5.894	6.645	4.622	3.722	3.954	70- 80	11.15	683.1	50,50
90	0.0453	0.0770	0.1071	0.0675	0.0390	0.0510	0.0465	0.0520	80- 90	2.618	685.7	50.2,50.2
100	5.840	4.103	3.927	4.258	5.984	4.759	4.403	4.610	90-100	2.392	688.1	50.4,50.4
110	20.13	16.90	15.96	17.13	20.24	18.34	16.61	18.12	100-110	10.82	698.9	51.1,51.1
120	42.91	44.55	42.31	44.84	42.80	47.83	44.42	47.51	110-120	29.31	728.2	53.3,53.3
130	98.98	92.96	91.49	92.76	98.82	98.57	97.31	97.14	120-130	61.01	789.2	57.8,57.8
140	176.0	166.3	164.8	165.1	175.9	174.0	173.9	171.5	130-140	100.2	889.4	65.1,65.1
150	274.0	272.3	269.5	268.4	274.1	280.0	282.8	277.5	140-150	136.4	1026	75.1,75.1
160	415.2	409.2	409.4	406.0	416.6	415.6	420.2	412.5	150-160	155.5	1181	86.4,86.4
170	525.3	520.1	542.8	519.7	526.7	525.9	552.6	524.2	160-170	132.1	1313	96.1,96.1
180	604.4	604.4	604.4	604.4	604.4	604.4	604.4	604.4	170-180	53.21	1367	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 538.97 lm

%lum = 39.4%

%lamp = 39.4%

Conical surface Flux(120deg): 643.04 lm

%lum = 47.1%

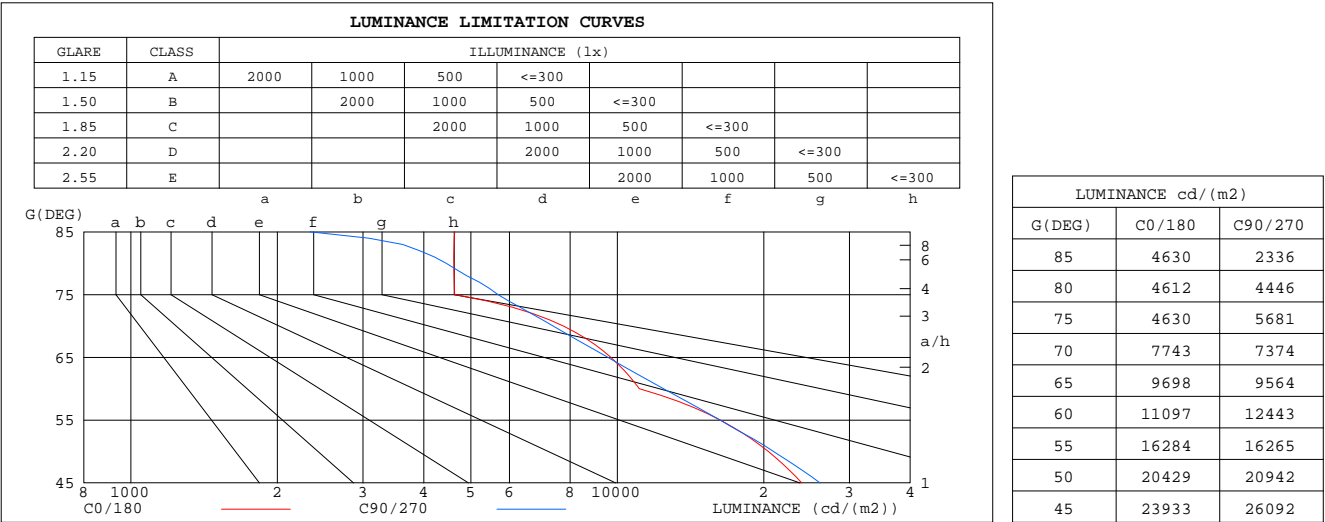
%lamp = 47.1%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



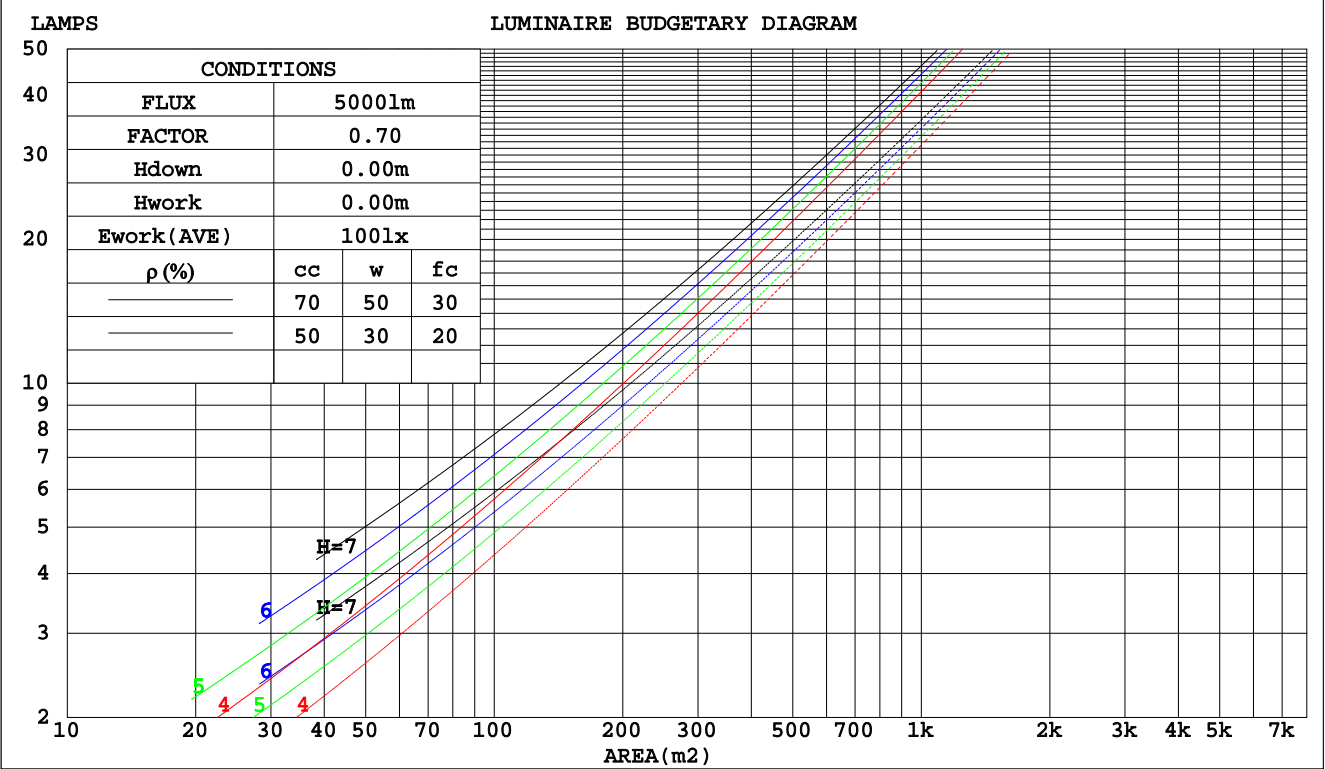
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 October 2024

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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 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: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 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	.240	.136	.043	.218	.124	.039	.177	.101	.032	.139	.080	.026	.104	.060	.019	
2.0	.225	.124	.038	.206	.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	.095	.028	.149	.079	.024	.121	.065	.020	.094	.051	.015	
5.0	.185	.094	.027	.169	.087	.025	.141	.073	.022	.114	.060	.018	.089	.048	.014	
6.0	.173	.087	.025	.159	.080	.023	.133	.068	.020	.108	.056	.016	.085	.045	.013	
7.0	.163	.080	.023	.150	.075	.021	.125	.063	.018	.102	.052	.015	.081	.042	.012	
8.0	.153	.075	.021	.141	.070	.020	.118	.059	.017	.097	.049	.014	.077	.039	.011	
9.0	.145	.070	.020	.134	.065	.018	.112	.056	.016	.092	.046	.013	.073	.037	.011	
10.0	.137	.066	.018	.127	.061	.017	.107	.052	.015	.088	.044	.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	.333	.333	.333	.191	.191	.191	.061	.061	.061	
1.0	.558	.540	.523	.478	.463	.450	.327	.319	.311	.188	.184	.181	.060	.059	.059	
2.0	.549	.518	.491	.470	.445	.425	.322	.308	.296	.186	.179	.174	.060	.058	.057	
3.0	.540	.501	.470	.463	.432	.408	.318	.300	.286	.184	.175	.168	.059	.057	.055	
4.0	.533	.489	.455	.457	.422	.395	.315	.294	.278	.182	.172	.165	.059	.056	.054	
5.0	.526	.479	.444	.452	.415	.387	.311	.290	.273	.180	.170	.162	.058	.055	.053	
6.0	.520	.472	.437	.447	.408	.380	.308	.286	.269	.179	.168	.160	.058	.055	.053	
7.0	.514	.465	.431	.442	.403	.375	.306	.283	.266	.178	.167	.158	.057	.055	.052	
8.0	.509	.460	.426	.438	.399	.372	.303	.280	.264	.176	.165	.157	.057	.054	.052	
9.0	.504	.455	.423	.434	.395	.369	.301	.278	.262	.175	.164	.156	.057	.054	.052	
10.0	.499	.452	.420	.430	.392	.366	.299	.276	.260	.174	.163	.155	.056	.054	.052	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 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	17.8	18.7	18.7	19.5	20.5	17.9	18.7	18.7	19.5	20.6	
	3H	18.1	18.8	19.0	19.7	20.8	18.1	18.8	18.9	19.7	20.8
	4H	18.1	18.8	19.0	19.6	20.8	18.1	18.8	19.0	19.6	20.8
	6H	18.0	18.7	18.9	19.5	20.7	18.0	18.7	18.9	19.6	20.7
	8H	18.0	18.6	18.9	19.5	20.6	18.0	18.6	18.9	19.5	20.6
	12H	17.9	18.5	18.9	19.4	20.6	17.9	18.5	18.8	19.4	20.6
4H	2H	17.8	18.4	18.7	19.3	20.4	17.8	18.5	18.7	19.4	20.5
	3H	18.1	18.7	19.1	19.6	20.8	18.1	18.7	19.0	19.6	20.7
	4H	18.2	18.7	19.1	19.6	20.8	18.1	18.7	19.1	19.6	20.8
	6H	18.1	18.6	19.1	19.5	20.8	18.1	18.6	19.1	19.5	20.8
	8H	18.1	18.5	19.1	19.5	20.7	18.1	18.5	19.1	19.5	20.7
	12H	18.1	18.5	19.1	19.4	20.7	18.0	18.4	19.0	19.4	20.6
8H	4H	18.0	18.4	19.0	19.4	20.6	18.0	18.4	19.0	19.4	20.6
	6H	18.0	18.4	19.0	19.3	20.6	18.0	18.4	19.0	19.3	20.6
	8H	18.0	18.3	19.1	19.3	20.6	18.0	18.3	19.0	19.3	20.6
	12H	18.0	18.3	19.1	19.3	20.6	17.9	18.2	19.0	19.2	20.5
12H	4H	17.9	18.3	18.9	19.3	20.5	17.9	18.3	18.9	19.3	20.5
	6H	18.0	18.2	19.0	19.2	20.6	18.0	18.2	19.0	19.2	20.6
	8H	18.0	18.2	19.0	19.2	20.6	17.9	18.2	19.0	19.2	20.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 1.1					+ 0.8 / - 1.1					
1.5H	+ 0.7 / - 0.4					+ 0.7 / - 0.7					
2.0H	+ 1.6 / - 2.0					+ 1.8 / - 1.8					

CIE Pub.117, 1367 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.1$)
Area: 0.00725968 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

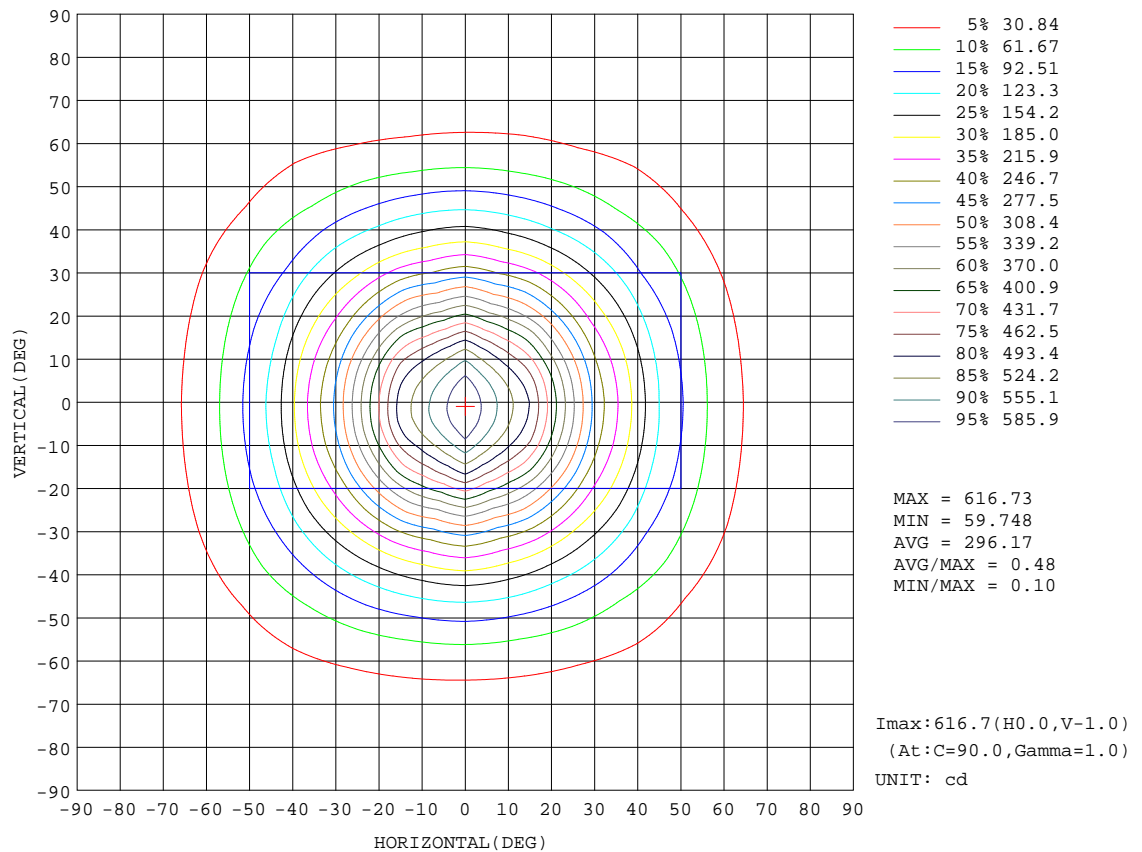
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	43	37	50	41	36	45	38	34	27
0.80	61	51	46	58	49	44	52	45	41	31
1.00	68	59	52	64	56	50	57	51	46	35
1.25	74	65	59	70	62	56	61	56	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	76	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: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

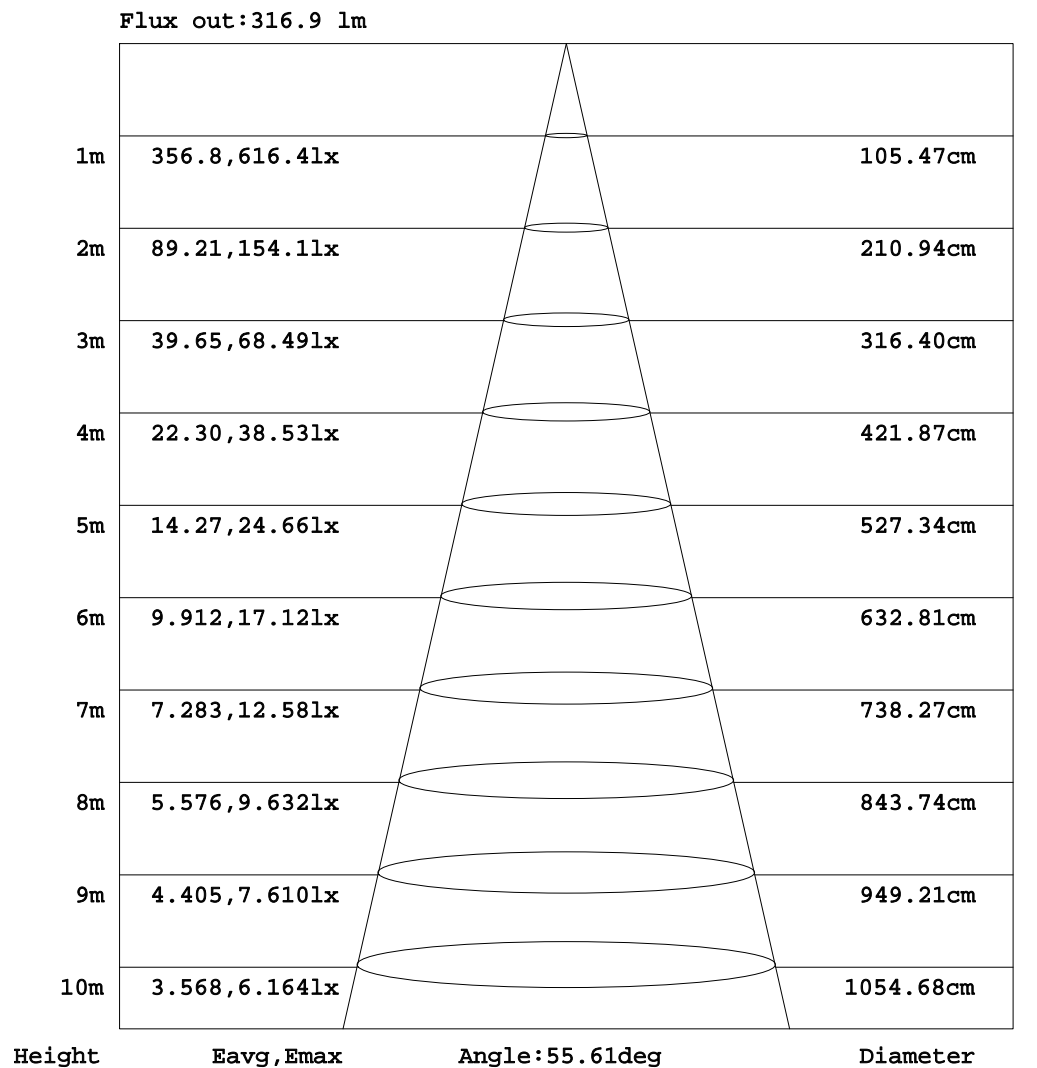


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 22 October 2024

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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



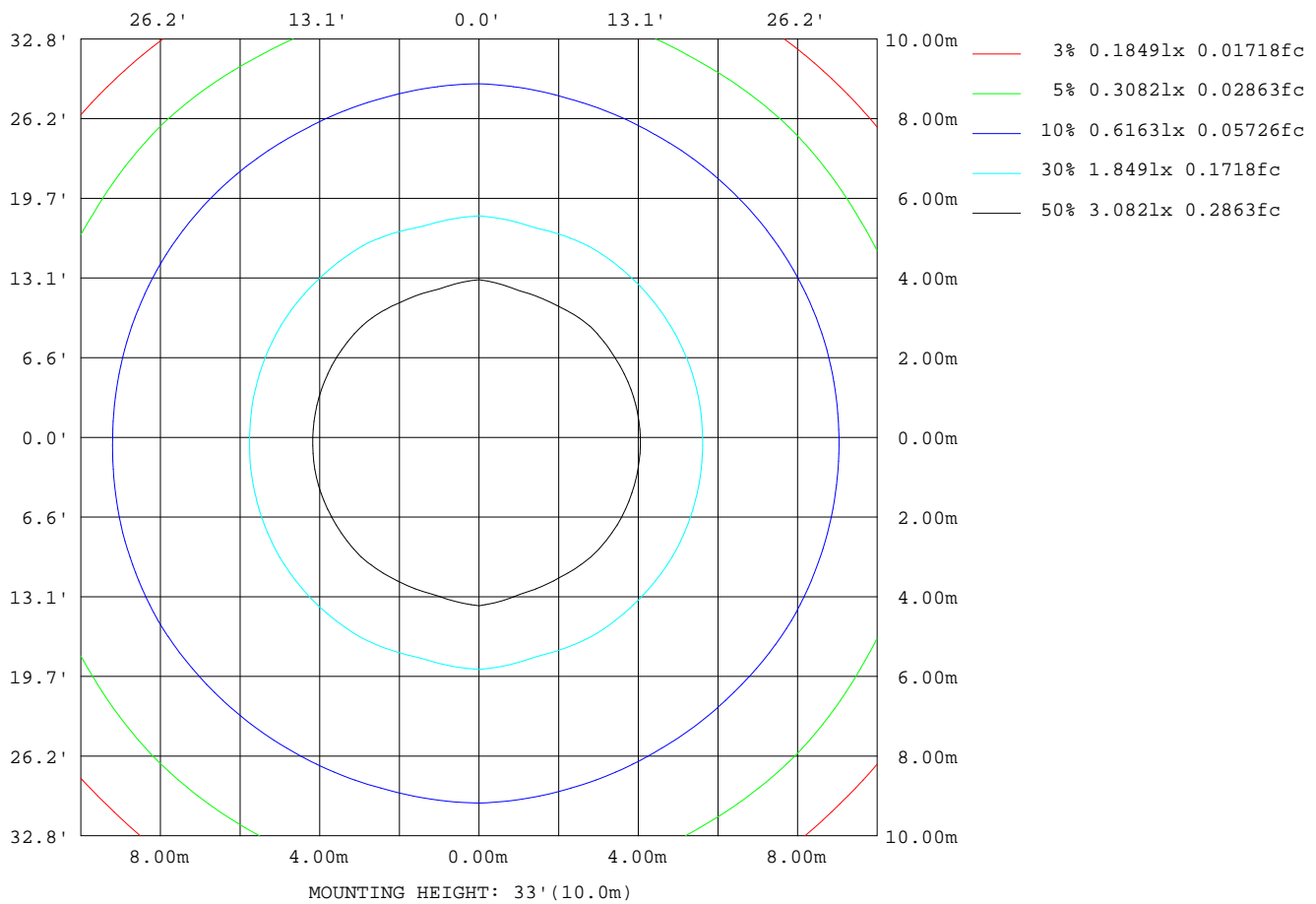
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 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: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

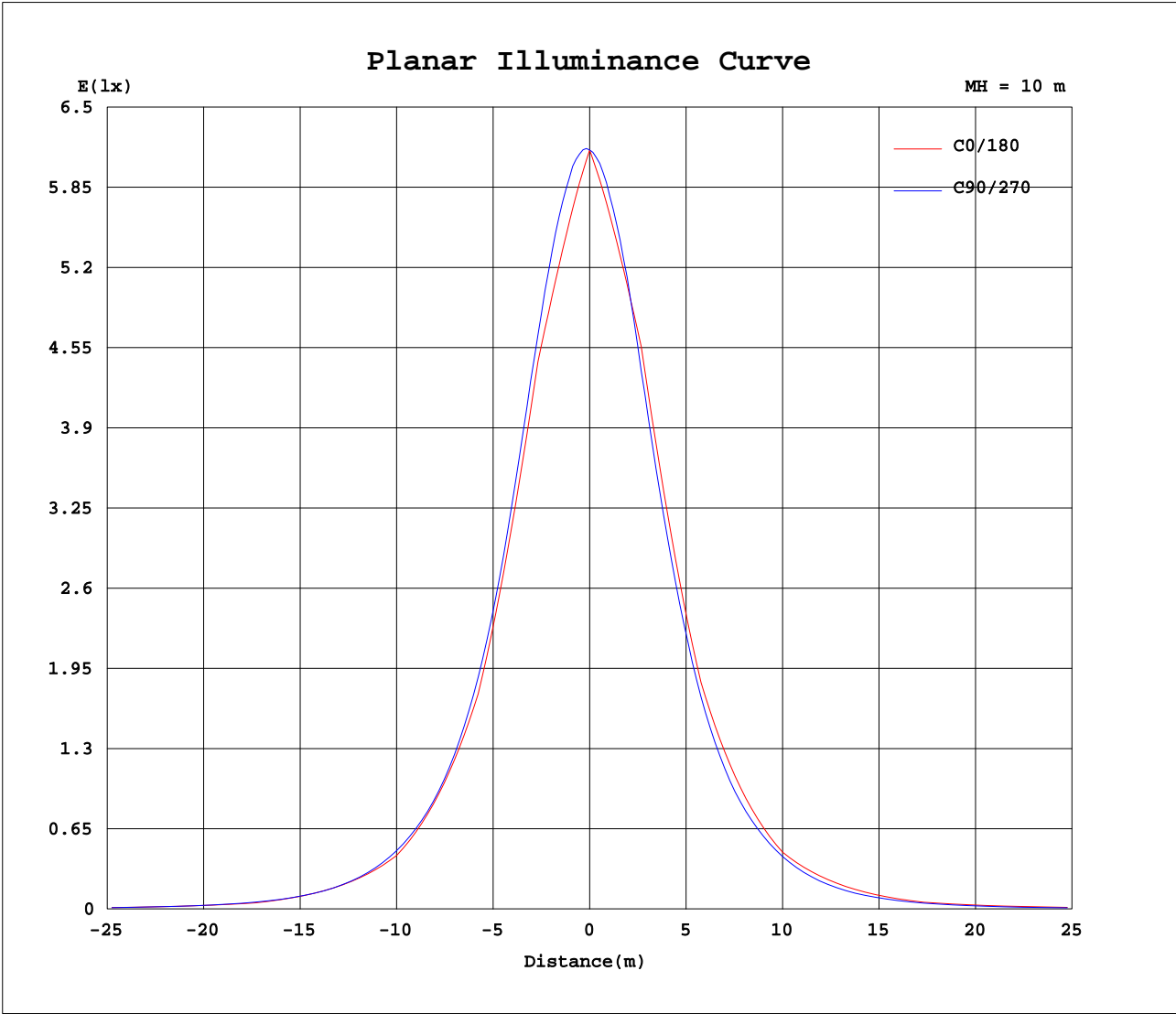
AvgL	cd/m2
L_0~180(65)av	10174
L_0~180(75)av	4962
L_0~180(85)av	4956
L_90~270(65)av	8786
L_90~270(75)av	4969
L_90~270(85)av	1481
L_45(65)av	9421
L_45(75)av	5696
L_45(85)av	3887

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 22 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: 25.0DEG
Operators: Alan Wang
Test Date: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 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	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615
5	574	576	579	584	590	599	609	600	593	588	584	582	579	578	578	579	582	587	595
10	533	535	537	540	545	556	574	558	550	546	547	545	542	539	535	532	533	538	551
15	492	492	490	486	486	494	516	497	491	493	502	508	506	499	489	478	469	470	484
20	418	421	425	425	417	421	441	425	425	436	436	436	432	428	424	417	400	395	407
25	343	346	349	349	348	344	361	348	358	361	361	361	357	354	348	343	335	323	333
30	269	273	278	279	282	276	290	280	290	291	291	287	283	281	279	274	270	258	265
35	220	220	217	219	220	218	228	222	227	229	229	233	232	227	219	214	210	203	207
40	171	173	172	169	170	171	176	174	176	178	182	183	181	178	173	166	161	159	161
45	123	126	130	129	129	132	134	133	134	136	138	135	130	130	130	127	122	121	121
50	95.3	95.5	93.0	94.7	94.5	95.6	97.7	97.4	99.8	101	99.8	102	102	98.6	92.8	91.9	88.6	86.3	86.2
55	67.8	69.0	68.7	64.6	66.6	66.2	67.7	67.7	69.9	69.7	74.1	74.3	72.8	71.4	68.5	62.6	61.5	58.7	58.8
60	40.3	43.0	46.0	45.8	44.7	44.4	45.2	45.6	46.9	49.5	50.0	46.5	44.0	44.7	45.8	44.0	40.7	38.3	38.8
65	29.8	29.9	28.3	29.5	28.8	29.0	29.3	29.9	30.6	32.1	31.1	32.6	32.7	31.2	28.1	28.1	25.8	23.9	24.6
70	19.2	19.6	19.3	18.0	18.2	18.0	18.3	18.6	19.6	19.8	21.3	21.5	21.3	20.5	19.0	17.0	15.8	13.6	14.5
75	8.70	9.33	10.5	11.1	10.2	10.4	10.7	10.8	11.3	12.3	11.8	10.6	9.95	9.86	10.4	10.2	8.48	6.90	8.00
80	5.81	5.75	5.51	5.14	5.48	5.42	5.60	5.78	6.20	5.89	6.30	6.57	6.65	6.08	5.41	4.62	4.17	2.64	3.72
85	2.93	2.90	2.78	2.59	2.25	1.52	1.48	1.77	2.62	2.96	3.17	3.30	3.34	3.06	2.71	2.31	1.49	0.30	0.40
90	0.05	0.04	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	2.94	2.77	2.46	2.06	1.53	0.65	0.60	0.81	1.65	2.14	2.53	2.83	3.01	2.92	2.75	2.39	2.00	1.35	1.11
100	5.84	5.51	4.88	4.10	4.22	3.79	3.93	4.10	4.39	4.26	5.04	5.63	5.98	5.82	5.47	4.76	5.06	4.70	4.40
105	8.74	9.03	9.74	9.92	8.65	8.39	8.59	8.64	8.80	10.1	9.98	9.19	8.96	9.51	10.7	11.0	9.82	9.62	9.14
110	20.1	19.6	18.6	16.9	16.3	15.8	16.0	16.1	16.5	17.1	18.9	19.8	20.2	20.5	20.2	18.3	18.1	17.3	16.6
115	31.5	30.3	27.9	28.3	26.5	26.6	26.9	26.9	26.9	28.6	28.2	30.5	31.5	31.5	29.9	30.5	29.5	28.7	28.0
120	42.9	43.7	45.7	44.6	41.9	41.3	42.3	41.6	42.4	44.8	46.1	44.0	42.8	45.3	48.3	47.8	46.3	44.6	44.4
125	70.9	69.9	68.5	63.8	63.4	62.5	63.6	62.6	63.9	63.8	68.9	70.8	70.8	71.8	71.9	68.0	69.4	67.1	67.5
130	99.0	96.7	92.8	93.0	90.7	90.8	91.5	90.6	91.3	92.8	93.1	98.0	98.8	98.7	96.8	98.6	98.3	97.2	97.3
135	127	128	129	127	124	125	125	124	124	127	129	129	127	130	134	134	132	132	132
140	176	174	171	166	163	162	165	161	162	165	170	174	176	177	176	174	173	171	174
145	225	222	216	215	212	207	213	206	210	211	215	221	225	224	221	223	223	218	223
150	274	274	273	272	271	262	270	260	267	268	272	273	274	276	279	280	282	274	283
155	345	343	340	339	334	325	336	323	329	335	339	343	345	346	345	347	343	337	350
160	415	414	411	409	398	395	409	393	394	406	411	414	417	417	416	416	406	405	420
165	486	484	474	465	461	466	482	465	460	465	474	483	488	487	479	472	469	475	493
170	525	524	522	520	521	528	543	529	521	520	522	525	527	528	526	526	529	537	553
175	565	564	566	568	572	578	587	578	572	568	566	565	566	567	569	572	576	583	592
180	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604	604

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 22 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:0.0820A P:9.78W PF:0.9936 Freq:60.00Hz Lamp Flux:1366.58x1 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	615	615	615	615	615														
5	586	579	575	574	573														
10	535	527	524	526	530														
15	466	462	465	475	485														
20	391	393	403	406	413														
25	319	326	332	334	339														
30	255	263	263	265	267														
35	201	205	206	208	215														
40	156	156	159	163	169														
45	118	117	120	123	123														
50	84.9	85.1	87.1	87.1	92.7														
55	58.0	58.7	58.9	64.1	66.7														
60	38.6	38.8	41.1	42.6	41.1														
65	25.4	24.5	26.0	26.0	28.4														
70	15.8	15.3	15.5	17.5	18.5														
75	9.44	8.38	9.21	9.31	8.70														
80	5.20	4.26	3.95	4.76	5.34														
85	1.85	1.62	1.98	2.39	2.69														
90	0.09	0.07	0.05	0.04	0.04														
95	1.15	1.87	2.31	2.65	2.86														
100	4.52	4.82	4.61	5.27	5.68														
105	9.11	9.45	10.8	10.4	9.29														
110	16.6	17.5	18.1	19.6	20.2														
115	27.9	28.5	30.2	29.3	31.1														
120	43.6	44.7	47.5	47.8	44.8														
125	66.0	67.3	67.3	71.3	71.7														
130	95.7	96.6	97.1	96.2	99.0														
135	131	130	132	133	130														
140	169	170	171	175	177														
145	216	219	219	221	224														
150	272	278	277	278	276														
155	335	339	342	344	344														
160	403	403	413	414	414														
165	474	468	471	476	481														
170	537	528	524	523	525														
175	582	575	571	568	566														
180	604	604	604	604	604														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.0DEG

Operators: Alan Wang

Test Date: 22 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: