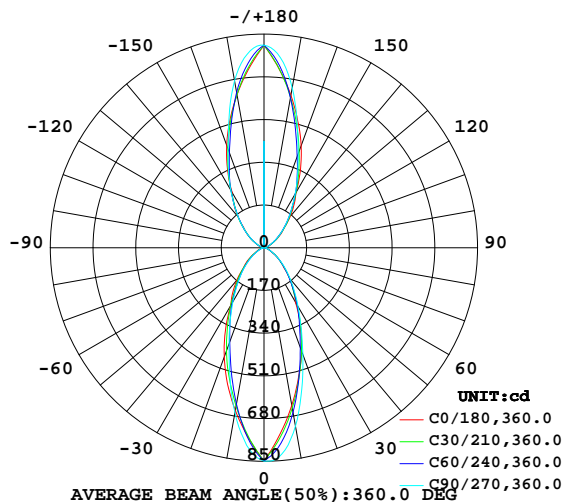


LUMINAIRE PHOTOMETRIC TEST REPORT

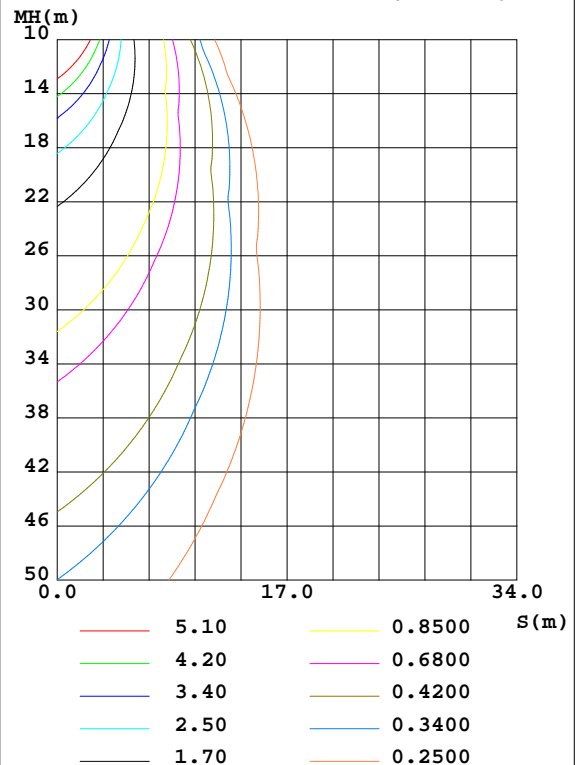
Test:U:120.0V I:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.88 lm/W			
MODEL	INDFPS010UNHD8SC2R3BZP	Imax(cd)	849.2	S/MH(C0/180)	0.67
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1354.0	η UP,DN(C0-180)	24.3,26.1
NOMINAL FLUX(lm)	1354.05	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.1,24.5
LAMPS INSIDE	1	η up(%)	49.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	50.6	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: 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	637.6	655.3	721.8	667.2	657.3	632.6	666.2	618.9	0- 10	69.43	69.43	5.13,5.13
20	438.1	430.1	452.4	444.1	462.9	418.3	406.2	400.9	10- 20	148.5	218.0	16.1,16.1
30	250.6	264.0	272.3	276.6	265.6	258.7	247.6	247.6	20- 30	154.7	372.6	27.5,27.5
40	158.4	155.0	162.7	164.1	168.1	152.8	147.4	145.5	30- 40	126.9	499.5	36.9,36.9
50	87.24	86.75	89.80	92.28	93.05	84.35	78.97	79.74	40- 50	91.08	590.6	43.6,43.6
60	37.07	42.09	41.58	45.52	40.52	40.48	35.71	37.80	50- 60	54.79	645.4	47.7,47.7
70	17.83	16.77	17.02	18.38	19.72	15.79	13.56	14.40	60- 70	26.68	672.1	49.6,49.6
80	5.485	4.913	5.342	5.571	6.227	4.415	3.562	3.781	70- 80	10.45	682.5	50.4,50.4
90	0.0463	0.0742	0.1027	0.0643	0.0374	0.0526	0.0438	0.0529	80- 90	2.484	685.0	50.6,50.6
100	5.425	3.862	3.682	4.016	5.568	4.463	4.153	4.312	90-100	2.240	687.3	50.8,50.8
110	18.45	15.47	14.66	15.73	18.57	16.87	15.33	16.67	100-110	10.01	697.3	51.5,51.5
120	39.13	40.60	38.46	40.85	39.03	43.61	40.57	43.33	110-120	26.80	724.1	53.5,53.5
130	90.00	84.42	82.94	84.26	89.82	89.72	88.99	88.53	120-130	55.50	779.6	57.6,57.6
140	161.9	151.2	150.0	150.2	161.6	158.9	159.2	156.7	130-140	91.24	870.8	64.3,64.3
150	254.7	253.1	249.3	249.9	254.5	262.7	263.9	260.4	140-150	125.6	996.5	73.6,73.6
160	432.5	399.6	398.6	397.9	435.2	412.6	418.8	409.9	150-160	150.0	1146	84.7,84.7
170	616.4	604.7	647.0	605.3	619.2	621.0	675.2	619.1	160-170	141.5	1288	95.1,95.1
180	806.3	806.3	806.3	806.3	806.3	806.3	806.3	806.3	170-180	66.08	1354	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 549.96 lm

%lum = 40.6%

%lamp = 40.6%

Conical surface Flux(120deg): 645.41 lm

%lum = 47.7%

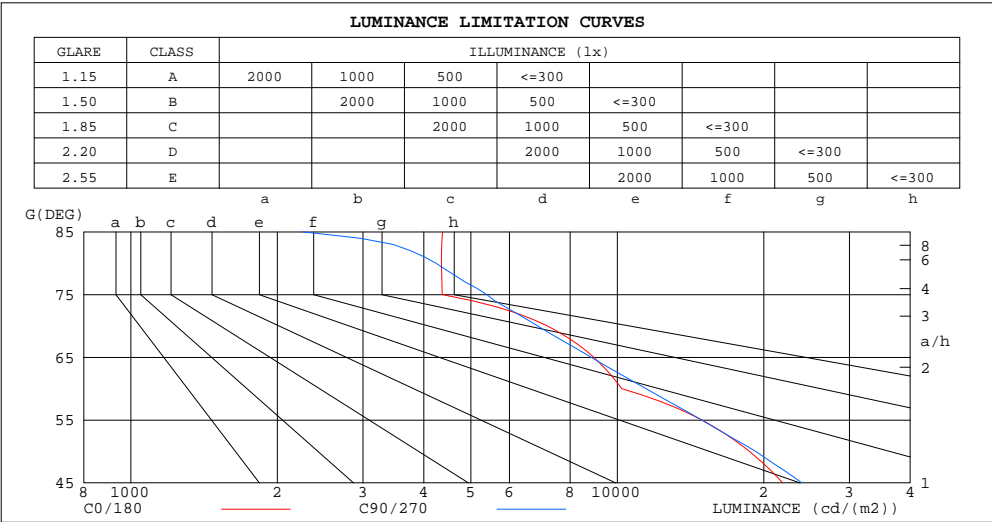
%lamp = 47.7%

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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 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	4371	2253
80	4351	4238
75	4366	5390
70	7179	6856
65	8946	8839
60	10213	11455
55	14927	14914
50	18695	19245
45	21881	23965

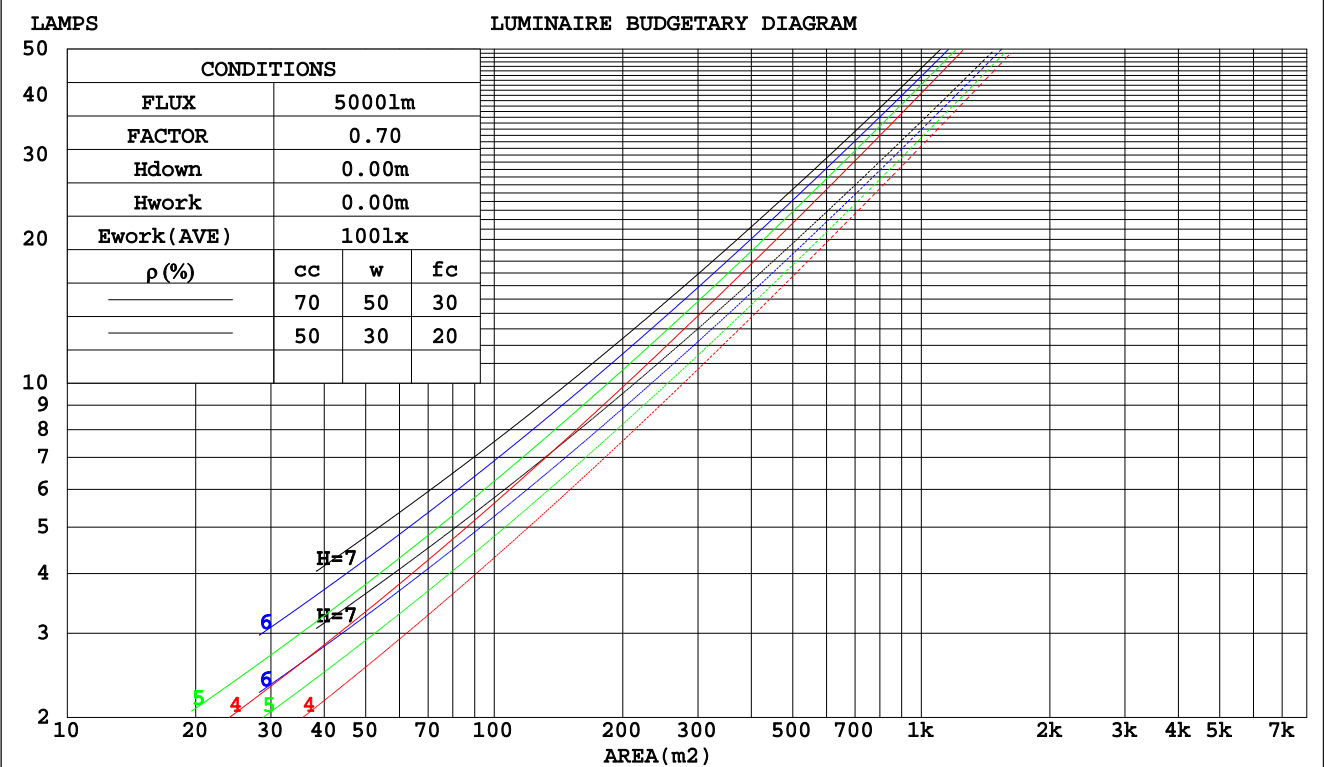
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:22 October 2024

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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 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 Coefficients of Utilization(CU)															
0.0	1.07	1.07	1.07	.99	.99	.99	.84	.84	.84	.70	.70	.70	.57	.57	.57	.51
1.0	.96	.93	.90	.89	.86	.84	.76	.74	.72	.64	.62	.61	.53	.52	.51	.46
2.0	.86	.81	.76	.80	.75	.72	.68	.65	.63	.58	.56	.54	.48	.47	.46	.41
3.0	.77	.71	.66	.72	.66	.62	.62	.58	.55	.53	.50	.48	.45	.43	.41	.37
4.0	.70	.63	.58	.65	.59	.55	.57	.52	.49	.49	.46	.43	.41	.39	.37	.34
5.0	.63	.56	.51	.59	.53	.48	.52	.47	.44	.45	.41	.39	.38	.36	.34	.31
6.0	.58	.51	.46	.54	.48	.43	.48	.43	.39	.42	.38	.35	.36	.33	.31	.29
7.0	.53	.46	.41	.50	.44	.39	.44	.39	.36	.39	.35	.32	.34	.31	.29	.26
8.0	.49	.42	.37	.46	.40	.36	.41	.36	.33	.36	.32	.30	.31	.29	.27	.24
9.0	.45	.39	.34	.43	.37	.33	.38	.33	.30	.34	.30	.27	.30	.27	.25	.23
10.0	.42	.36	.31	.40	.34	.30	.36	.31	.28	.32	.28	.25	.28	.25	.23	.21



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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 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	.236	.134	.043	.214	.122	.039	.174	.100	.032	.136	.079	.025	.102	.059	.019	
2.0	.222	.122	.037	.202	.111	.034	.165	.092	.029	.131	.073	.023	.099	.056	.018	
3.0	.207	.110	.033	.189	.101	.031	.156	.084	.026	.124	.068	.021	.095	.053	.016	
4.0	.194	.101	.030	.177	.093	.027	.146	.078	.023	.118	.063	.019	.091	.049	.015	
5.0	.181	.092	.027	.166	.085	.025	.138	.072	.021	.111	.059	.017	.087	.046	.014	
6.0	.170	.085	.024	.156	.079	.023	.130	.067	.019	.105	.055	.016	.082	.043	.013	
7.0	.160	.079	.022	.147	.073	.021	.123	.062	.018	.100	.051	.015	.078	.041	.012	
8.0	.151	.074	.021	.139	.068	.019	.116	.058	.017	.095	.048	.014	.075	.038	.011	
9.0	.142	.069	.019	.131	.064	.018	.110	.054	.015	.090	.045	.013	.071	.036	.010	
10.0	.135	.065	.018	.124	.060	.017	.105	.051	.014	.086	.043	.012	.068	.034	.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	.567	.567	.567	.485	.485	.485	.331	.331	.331	.190	.190	.190	.061	.061	.061	
1.0	.555	.536	.520	.475	.460	.447	.325	.317	.309	.187	.183	.180	.060	.059	.058	
2.0	.545	.514	.489	.467	.443	.422	.320	.306	.295	.184	.178	.173	.059	.058	.056	
3.0	.537	.498	.467	.460	.430	.405	.316	.298	.284	.182	.174	.168	.059	.057	.055	
4.0	.529	.486	.452	.454	.420	.393	.312	.292	.277	.181	.171	.164	.058	.056	.054	
5.0	.522	.476	.442	.448	.412	.384	.309	.288	.271	.179	.169	.161	.058	.055	.053	
6.0	.516	.468	.434	.443	.405	.378	.306	.284	.267	.177	.167	.159	.057	.055	.052	
7.0	.510	.462	.428	.439	.400	.373	.303	.281	.264	.176	.165	.157	.057	.054	.052	
8.0	.505	.456	.423	.434	.396	.369	.301	.278	.262	.175	.164	.156	.057	.054	.052	
9.0	.500	.452	.420	.430	.392	.366	.298	.276	.260	.174	.163	.155	.056	.053	.051	
10.0	.495	.448	.417	.427	.389	.364	.296	.274	.258	.173	.162	.154	.056	.053	.051	

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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 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	17.3	18.1	18.1	18.9	20.0	17.3	18.1	18.2	19.0	20.0
3H	17.6	18.3	18.4	19.1	20.2	17.5	18.3	18.4	19.1	20.2
4H	17.6	18.2	18.4	19.1	20.2	17.6	18.2	18.4	19.1	20.2
6H	17.5	18.1	18.4	19.0	20.1	17.5	18.1	18.4	19.0	20.2
8H	17.5	18.1	18.4	19.0	20.1	17.5	18.1	18.4	19.0	20.1
12H	17.4	18.0	18.3	18.9	20.1	17.4	18.0	18.3	18.9	20.0
4H 2H	17.2	17.9	18.1	18.8	19.9	17.3	17.9	18.2	18.8	19.9
3H	17.6	18.2	18.5	19.1	20.2	17.6	18.1	18.5	19.0	20.2
4H	17.6	18.1	18.6	19.1	20.3	17.6	18.1	18.6	19.1	20.3
6H	17.6	18.1	18.6	19.0	20.2	17.6	18.1	18.6	19.0	20.2
8H	17.6	18.0	18.6	19.0	20.2	17.6	18.0	18.6	19.0	20.2
12H	17.6	17.9	18.6	18.9	20.2	17.5	17.9	18.5	18.9	20.1
8H 4H	17.5	17.9	18.5	18.9	20.1	17.5	17.9	18.5	18.9	20.1
6H	17.5	17.9	18.5	18.8	20.1	17.5	17.9	18.5	18.8	20.1
8H	17.5	17.8	18.6	18.8	20.1	17.5	17.8	18.5	18.8	20.1
12H	17.6	17.8	18.6	18.8	20.1	17.5	17.7	18.5	18.7	20.0
12H 4H	17.4	17.8	18.4	18.8	20.0	17.4	17.8	18.4	18.8	20.0
6H	17.5	17.7	18.5	18.7	20.0	17.5	17.7	18.5	18.7	20.0
8H	17.5	17.7	18.5	18.7	20.1	17.5	17.7	18.5	18.7	20.0
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 / - 0.6				
2.0H	+ 1.6 / - 1.9					+ 1.8 / - 1.7				

CIE Pub.117, 1354 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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

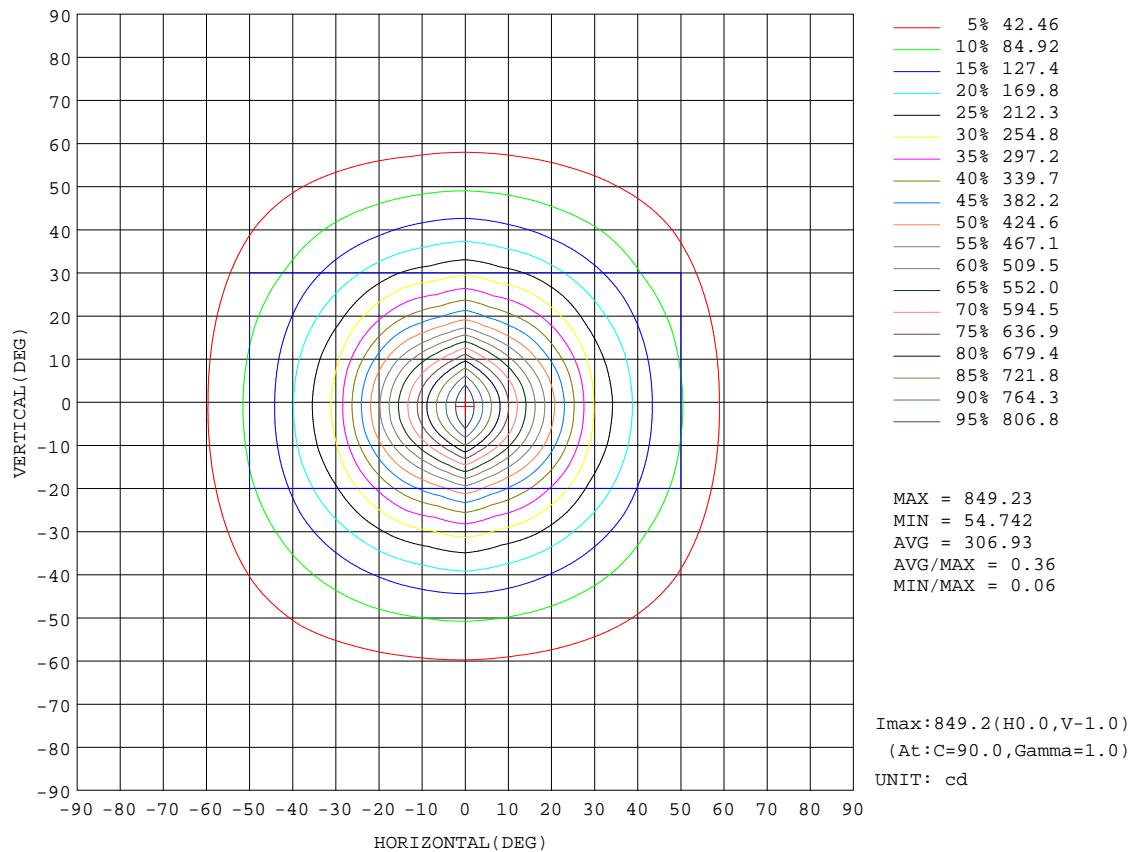
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	44	38	51	42	37	46	39	35	28
0.80	62	52	47	59	50	45	53	46	42	33
1.00	69	59	53	65	57	51	58	52	47	36
1.25	75	66	60	70	63	57	62	56	52	39
1.50	80	71	65	74	67	62	65	60	56	41
2.00	85	78	72	80	73	68	69	65	61	43
2.50	89	82	77	83	77	73	72	67	64	44
3.00	92	86	81	85	80	76	73	70	67	45
4.00	96	90	86	89	84	81	76	73	71	47
5.00	98	93	90	91	87	84	77	75	73	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: 25.0DEG
 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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

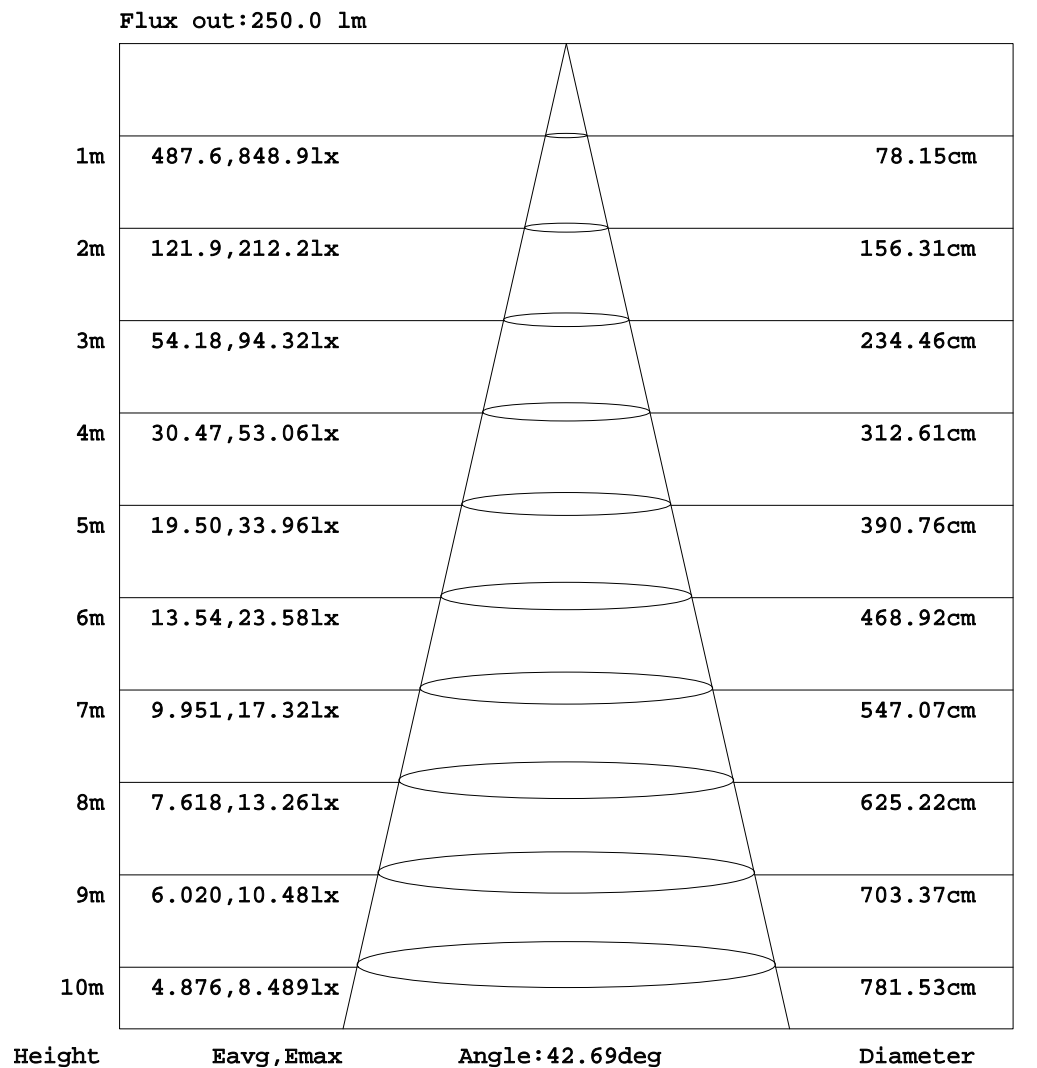


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 22 October 2024

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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



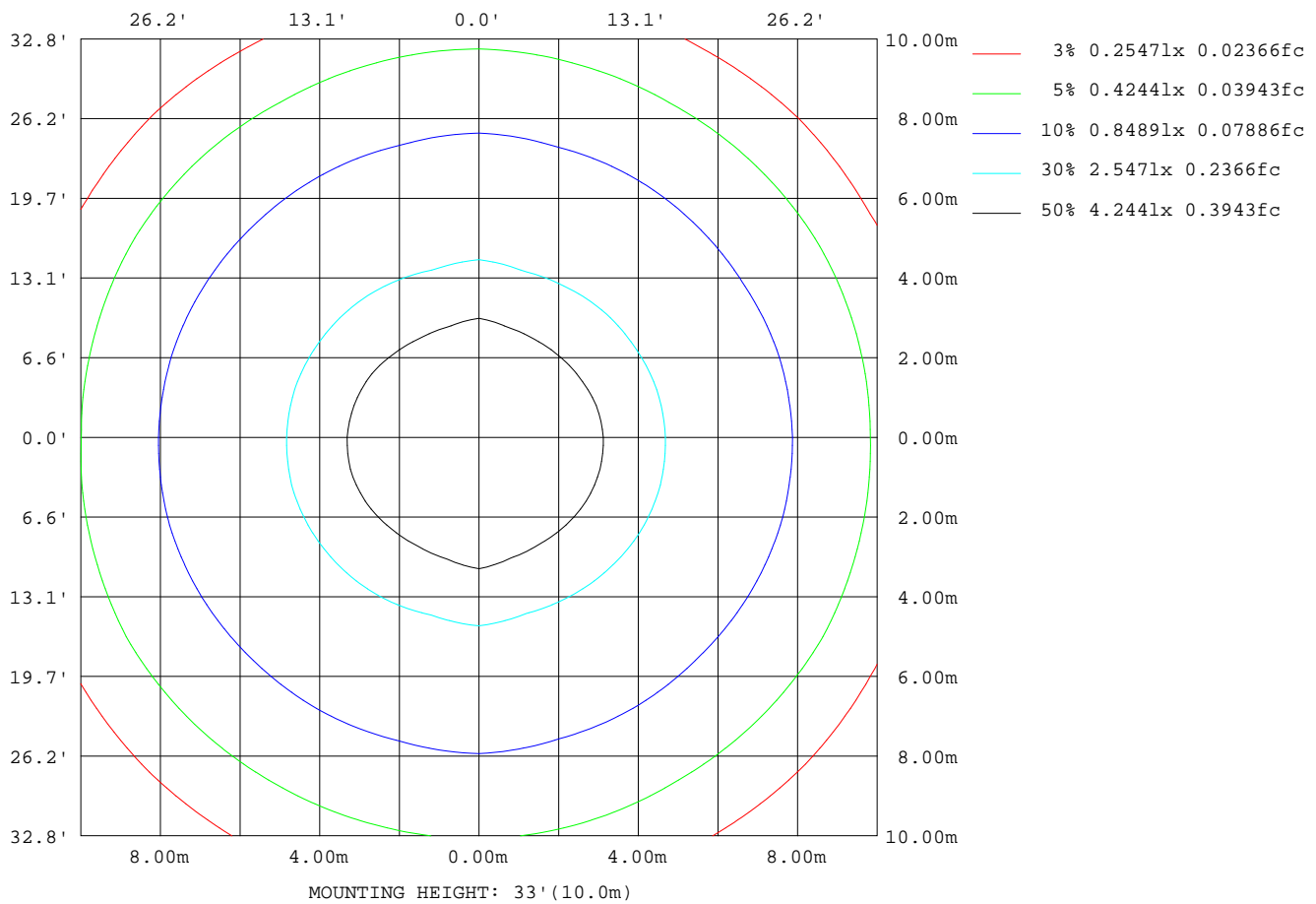
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

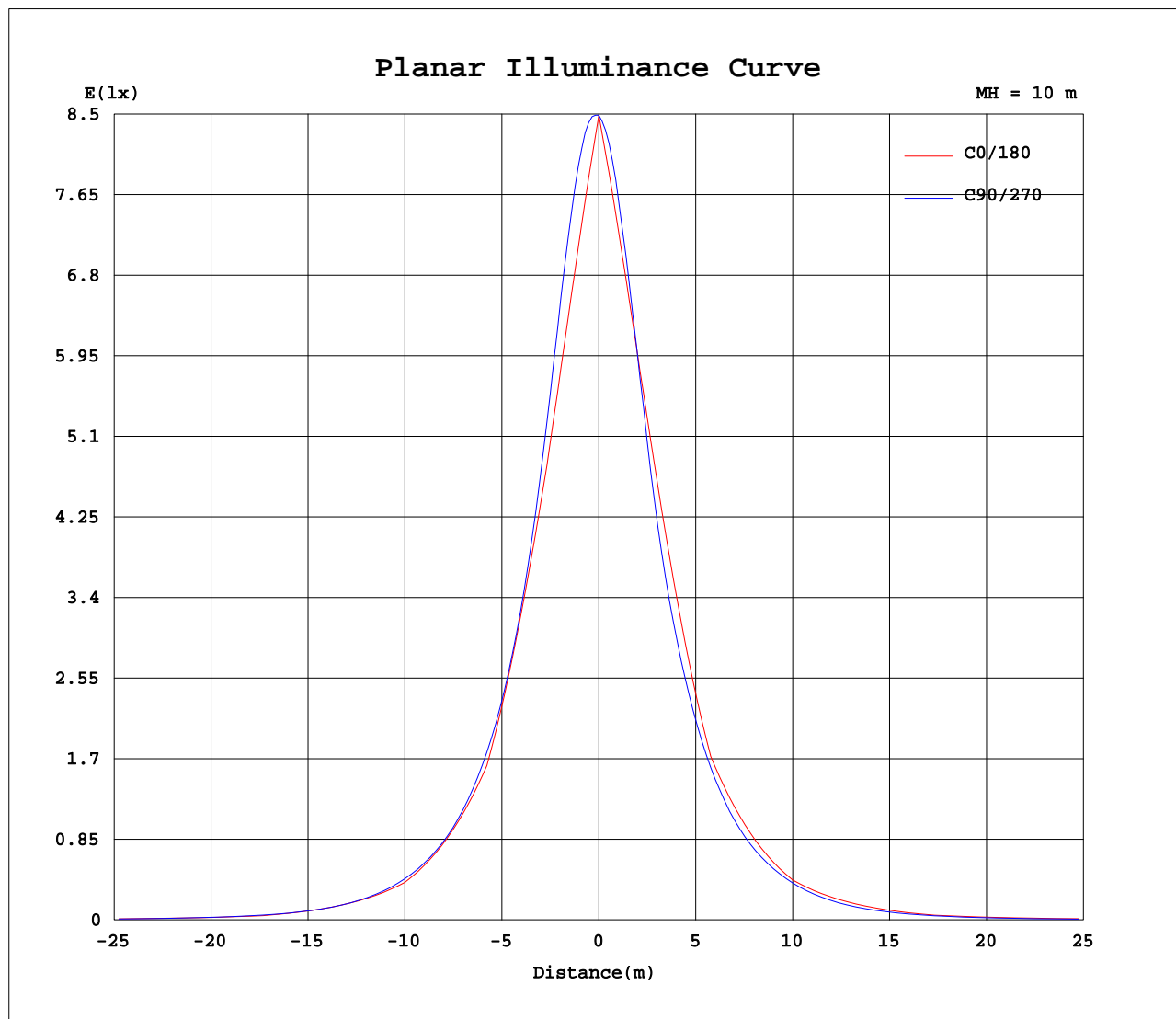
AvgL	cd/m2
L_0~180(65)av	9382
L_0~180(75)av	4664
L_0~180(85)av	4660
L_90~270(65)av	8125
L_90~270(75)av	4710
L_90~270(85)av	1422
L_45(65)av	8704
L_45(75)av	5336
L_45(85)av	3705

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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 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	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849
5	743	747	755	766	781	799	823	802	786	773	764	757	753	749	748	750	757	770	790
10	638	643	648	655	666	687	722	690	673	667	665	662	657	649	641	633	632	641	666
15	532	537	538	537	537	549	583	553	545	550	560	565	562	550	535	518	505	505	525
20	438	440	437	430	423	427	452	432	433	444	456	465	463	452	436	418	399	392	406
25	344	348	346	339	334	332	350	336	345	353	361	367	364	357	344	332	320	308	318
30	251	258	265	264	264	260	272	263	273	277	279	273	266	267	265	259	253	241	248
35	204	205	201	203	205	202	211	206	211	214	213	218	217	212	203	199	194	187	191
40	158	160	159	155	156	158	163	160	162	164	168	170	168	165	159	153	148	146	147
45	112	116	119	119	118	121	123	123	123	125	127	124	119	120	120	116	112	111	110
50	87.2	87.3	85.1	86.8	86.8	87.8	89.8	89.4	91.5	92.3	91.5	93.9	93.0	90.4	85.4	84.4	81.2	79.1	79.0
55	62.2	63.3	63.0	59.3	61.1	60.7	62.1	62.1	64.2	63.9	68.0	68.2	66.8	65.5	63.0	57.4	56.5	53.9	54.0
60	37.1	39.6	42.4	42.1	41.1	40.8	41.6	41.9	43.2	45.5	45.9	42.8	40.5	41.2	42.1	40.5	37.5	35.3	35.7
65	27.4	27.6	26.3	27.2	26.7	26.8	27.1	27.7	28.2	29.6	28.6	30.0	30.1	28.8	26.0	26.0	23.9	22.2	22.7
70	17.8	18.2	17.9	16.8	16.9	16.8	17.0	17.3	18.2	18.4	19.7	19.9	19.7	19.0	17.7	15.8	14.7	12.8	13.6
75	8.20	8.80	9.89	10.4	9.67	9.77	10.1	10.2	10.6	11.5	11.0	9.90	9.32	9.26	9.72	9.60	8.01	6.54	7.57
80	5.48	5.45	5.24	4.91	5.22	5.17	5.34	5.47	5.86	5.57	5.93	6.16	6.23	5.73	5.12	4.42	3.97	2.52	3.56
85	2.77	2.74	2.64	2.48	2.17	1.46	1.43	1.69	2.49	2.80	2.98	3.10	3.13	2.88	2.57	2.21	1.44	0.29	0.37
90	0.05	0.04	0.05	0.07	0.09	0.10	0.10	0.09	0.08	0.06	0.05	0.04	0.04	0.04	0.04	0.05	0.07	0.10	0.04
95	2.74	2.58	2.29	1.94	1.45	0.61	0.57	0.77	1.57	2.02	2.37	2.64	2.80	2.72	2.56	2.24	1.89	1.27	1.06
100	5.42	5.12	4.55	3.86	3.95	3.55	3.68	3.86	4.12	4.02	4.72	5.25	5.57	5.41	5.10	4.46	4.72	4.40	4.15
105	8.11	8.37	9.00	9.16	8.03	7.78	7.96	8.03	8.17	9.35	9.25	8.55	8.33	8.82	9.93	10.1	9.11	8.90	8.56
110	18.5	18.0	17.1	15.5	15.0	14.5	14.7	14.7	15.2	15.7	17.4	18.1	18.6	18.8	18.5	16.9	16.7	15.9	15.3
115	28.8	27.7	25.5	25.8	24.2	24.3	24.6	24.6	24.6	26.1	25.8	27.8	28.8	28.8	27.3	27.9	27.0	26.3	25.7
120	39.1	39.9	41.6	40.6	38.2	37.7	38.5	37.9	38.6	40.9	42.0	40.1	39.0	41.3	44.1	43.6	42.2	40.7	40.6
125	64.6	63.6	62.3	58.0	57.6	56.8	57.7	56.9	58.1	58.0	62.7	64.4	64.4	65.4	65.4	61.9	63.1	61.2	61.5
130	90.0	87.9	84.3	84.4	82.4	82.4	82.9	82.2	82.8	84.3	84.5	89.0	89.8	89.8	88.0	89.7	89.5	88.6	89.0
135	115	116	118	115	112	113	113	112	112	115	117	117	115	118	122	122	120	121	121
140	162	160	156	151	149	147	150	147	147	150	155	160	162	162	161	159	158	156	159
145	208	204	197	197	195	189	194	188	192	194	196	204	208	207	203	206	205	201	205
150	255	256	256	253	251	242	249	240	248	250	255	255	254	259	263	263	263	255	264
155	344	338	327	321	313	305	316	303	310	317	328	338	345	343	337	332	327	320	334
160	433	425	409	400	387	383	399	382	384	398	411	426	435	432	421	413	403	401	419
165	521	517	504	491	485	489	512	489	485	493	505	518	526	525	517	509	506	513	538
170	616	613	608	605	606	619	647	619	607	605	609	615	619	621	620	621	628	645	675
175	711	710	712	717	725	739	759	739	726	717	713	711	713	715	720	726	737	752	773
180	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806

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:0.0818A P:9.75W PF:0.9935 Freq:60.00Hz Lamp Flux:1354.05x1 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	849	849	849	849	849														
5	768	753	744	741	740														
10	636	622	619	625	632														
15	500	495	499	510	524														
20	387	389	401	411	428														
25	304	310	318	325	337														
30	238	245	248	251	251														
35	185	189	191	191	199														
40	143	144	146	150	155														
45	108	108	110	113	113														
50	77.8	77.9	79.7	79.7	85.0														
55	53.1	53.8	53.9	58.7	61.1														
60	35.6	35.7	37.8	39.2	37.7														
65	23.5	22.7	24.0	24.1	26.2														
70	14.7	14.2	14.4	16.2	17.1														
75	8.92	7.91	8.64	8.74	8.17														
80	4.96	4.04	3.78	4.52	5.04														
85	1.75	1.54	1.89	2.27	2.54														
90	0.09	0.07	0.05	0.04	0.04														
95	1.10	1.77	2.16	2.47	2.66														
100	4.23	4.51	4.31	4.91	5.28														
105	8.46	8.78	9.94	9.61	8.62														
110	15.3	16.1	16.7	18.0	18.5														
115	25.6	26.1	27.7	26.8	28.4														
120	39.8	40.8	43.3	43.5	40.9														
125	60.1	61.4	61.3	64.9	65.3														
130	86.8	87.9	88.5	86.9	90.0														
135	119	118	120	122	119														
140	155	155	157	161	162														
145	199	202	203	204	207														
150	253	260	260	262	259														
155	319	324	329	335	342														
160	400	400	410	418	429														
165	512	505	507	513	519														
170	644	627	619	616	617														
175	752	736	725	718	714														
180	806	806	806	806	806														

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: