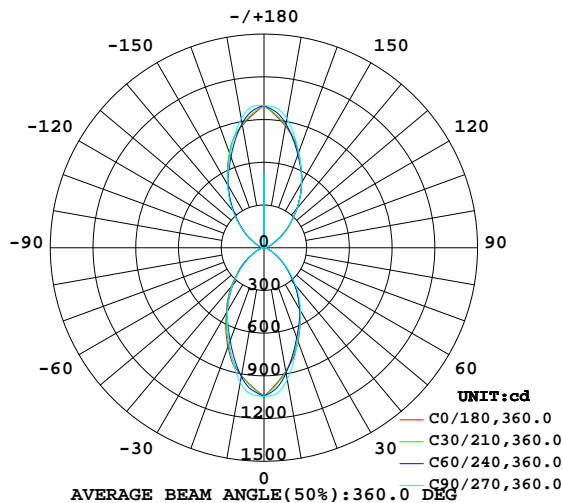


LUMINAIRE PHOTOMETRIC TEST REPORT

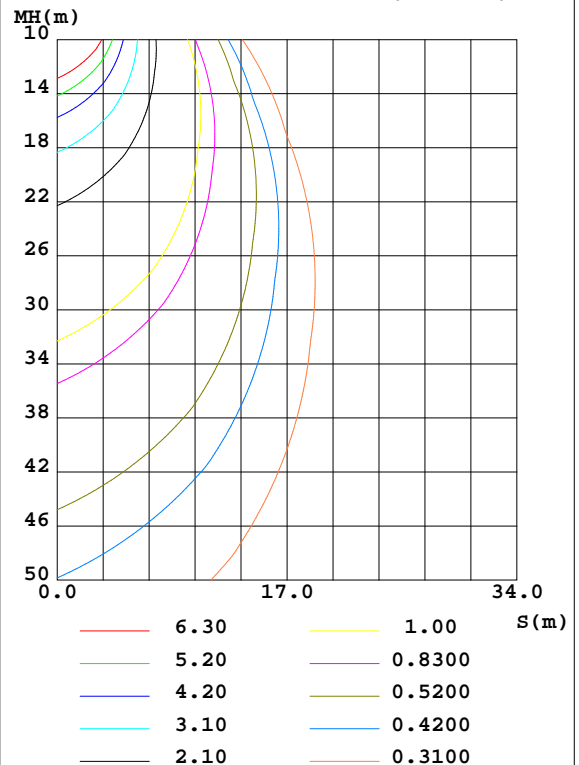
Test:U:120.0V I:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.40 lm/W			
MODEL:LINDEPS020UNHD8SC2R4BZP		I _{max} (cd)	1044	S/MH(C0/180)	0.86
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.82
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	2555.6	η UP,DN(C0-180)	25.4,24.8
NOMINAL FLUX(lm)	2555.59	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.7,25.1
LAMPS INSIDE	1	η up(%)	50.1	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	49.9	CIBSE SHR MAX	0.95

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	881.3	886.4	939.7	908.4	912.1	915.2	957.7	900.6	0- 10	91.95	91.95	3.6,3.6
20	700.9	685.4	696.6	711.0	740.2	715.3	713.9	699.6	10- 20	225.6	317.6	12.4,12.4
30	502.1	496.1	512.9	516.2	527.5	514.0	513.2	499.9	20- 30	276.6	594.2	23.2,23.2
40	334.7	334.8	346.6	357.4	359.7	350.8	344.7	335.4	30- 40	265.5	859.7	33.6,33.6
50	194.7	187.5	195.1	204.1	215.7	201.7	193.6	187.0	40- 50	204.6	1064	41.6,41.6
60	82.07	88.45	89.61	99.92	95.60	99.35	89.83	89.43	50- 60	125.2	1190	46.5,46.5
70	37.40	31.62	32.05	37.72	45.10	38.32	33.57	32.78	60- 70	59.98	1250	48.9,48.9
80	10.08	6.875	6.873	9.105	13.26	9.920	7.765	7.430	70- 80	21.37	1271	49.7,49.7
90	0.0934	0.1628	0.2223	0.1453	0.0827	0.0988	0.0924	0.1004	80- 90	4.520	1275	49.9,49.9
100	12.78	9.243	8.051	8.473	11.07	7.761	7.277	8.620	90-100	4.574	1280	50.1,50.1
110	44.72	39.38	35.97	35.76	39.37	33.81	32.74	36.42	100-110	22.06	1302	50.9,50.9
120	95.92	104.5	96.51	95.64	84.98	90.78	88.50	97.39	110-120	61.86	1364	53.4,53.4
130	217.6	212.1	207.5	196.8	196.3	187.1	190.6	199.6	120-130	128.0	1492	58.4,58.4
140	360.3	367.9	360.7	345.3	336.4	333.5	340.7	348.9	130-140	207.8	1700	66.5,66.5
150	524.1	527.6	527.3	507.5	505.4	499.9	508.8	508.7	140-150	268.1	1968	77,77
160	709.0	711.0	713.3	697.2	709.2	702.0	696.0	691.7	150-160	276.9	2245	87.8,87.8
170	867.5	879.7	921.1	875.0	873.9	883.3	919.6	872.8	160-170	222.0	2467	96.5,96.5
180	999.6	999.6	999.6	999.6	999.6	999.6	999.6	999.6	170-180	88.84	2556	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 971.87 lm

%lum = 38.0%

%lamp = 38.0%

Conical surface Flux(120deg): 1189.5 lm

%lum = 46.5%

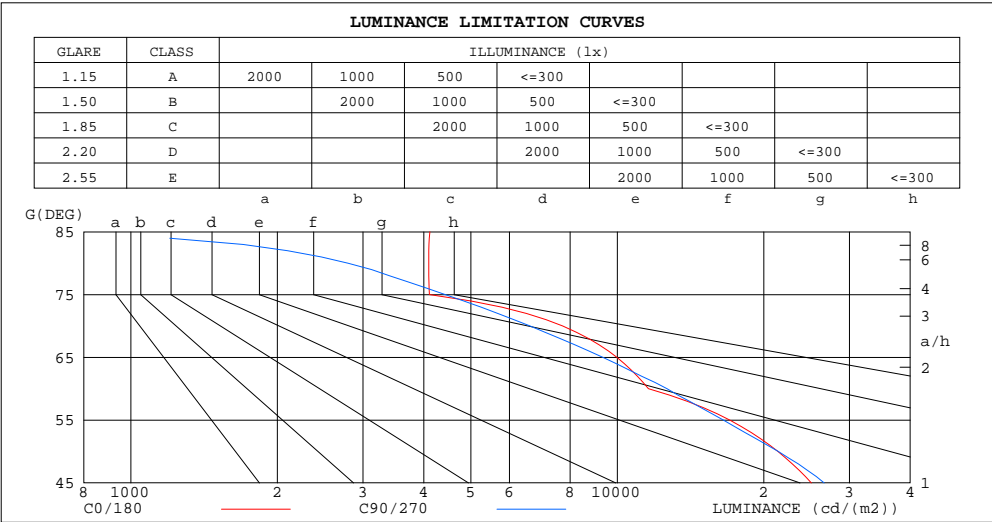
%lamp = 46.5%

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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 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	4117	554
80	4095	2794
75	4108	4426
70	7718	6614
65	9976	9332
60	11585	12649
55	17029	16514
50	21380	21418
45	25057	26627

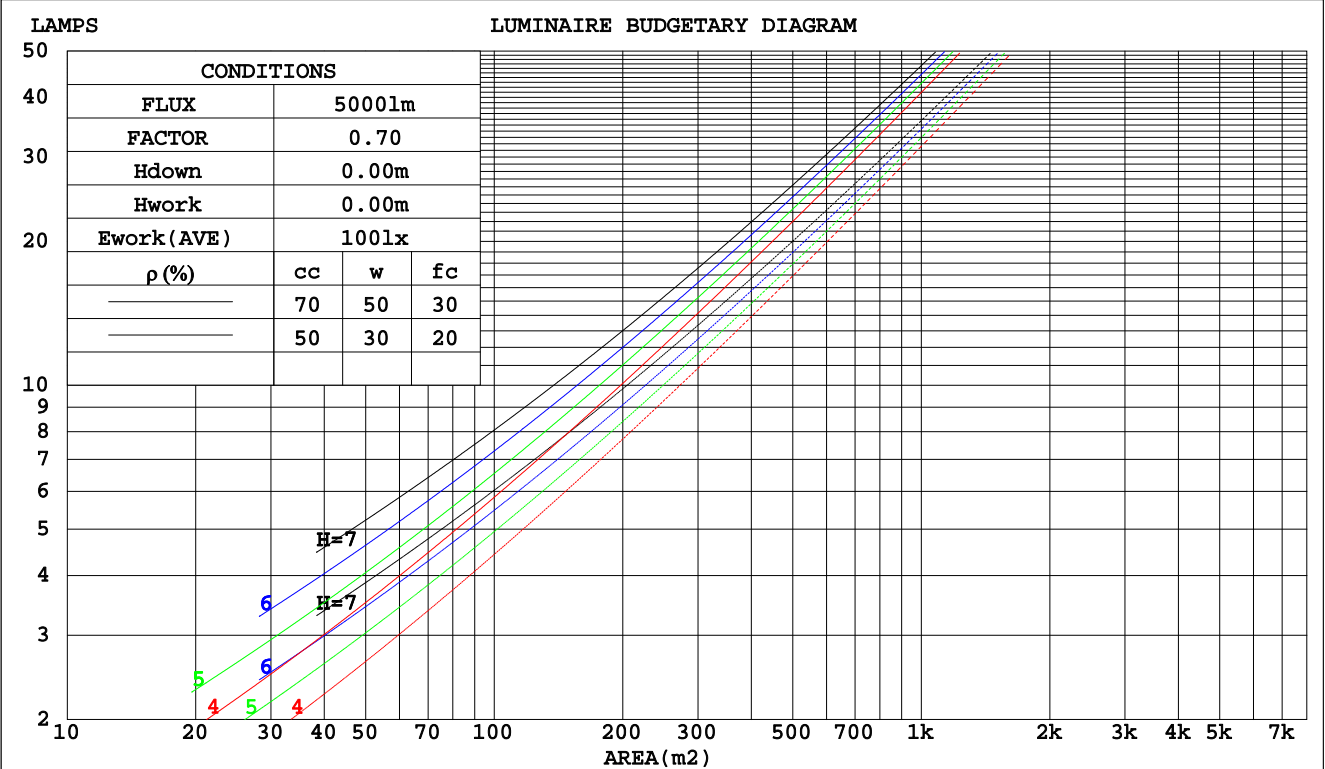
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 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
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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 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	.243	.138	.044	.221	.126	.040	.180	.103	.033	.142	.082	.026	.107	.062	.020		
2.0	.229	.125	.038	.209	.115	.035	.171	.095	.030	.137	.077	.024	.105	.059	.019		
3.0	.214	.114	.034	.196	.105	.032	.162	.088	.027	.130	.071	.022	.101	.056	.017		
4.0	.200	.104	.031	.184	.096	.028	.152	.081	.024	.123	.066	.020	.096	.052	.016		
5.0	.187	.096	.028	.172	.088	.026	.143	.075	.022	.116	.061	.018	.091	.049	.015		
6.0	.176	.088	.025	.162	.082	.024	.135	.069	.020	.110	.057	.017	.087	.046	.014		
7.0	.165	.082	.023	.152	.076	.022	.127	.064	.019	.104	.053	.016	.082	.043	.013		
8.0	.156	.076	.021	.143	.071	.020	.120	.060	.017	.099	.050	.014	.078	.040	.012		
9.0	.147	.071	.020	.136	.066	.019	.114	.056	.016	.094	.047	.013	.075	.038	.011		
10.0	.139	.067	.018	.128	.062	.017	.108	.053	.015	.089	.044	.013	.071	.036	.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	.572	.572	.572	.489	.489	.489	.334	.334	.334	.192	.192	.192	.061	.061	.061	
1.0	.560	.542	.524	.480	.465	.451	.328	.320	.312	.189	.185	.182	.060	.060	.059	
2.0	.551	.520	.493	.472	.447	.426	.324	.309	.297	.187	.180	.174	.060	.058	.057	
3.0	.543	.503	.472	.466	.434	.409	.320	.302	.287	.185	.176	.169	.059	.057	.055	
4.0	.536	.491	.457	.460	.424	.397	.316	.296	.279	.183	.173	.165	.059	.056	.054	
5.0	.529	.481	.446	.455	.417	.388	.313	.291	.274	.181	.171	.163	.058	.056	.054	
6.0	.523	.474	.438	.450	.410	.382	.310	.287	.270	.180	.169	.161	.058	.055	.053	
7.0	.517	.467	.432	.445	.405	.377	.308	.284	.267	.179	.167	.159	.058	.055	.053	
8.0	.512	.462	.428	.441	.401	.373	.305	.281	.265	.177	.166	.158	.057	.054	.052	
9.0	.507	.458	.425	.437	.397	.370	.303	.279	.263	.176	.165	.157	.057	.054	.052	
10.0	.502	.454	.422	.433	.394	.368	.300	.277	.262	.175	.164	.156	.057	.054	.052	

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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 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	18.1	18.9	18.9	19.7	20.8	18.0	18.8	18.8	19.7	20.7
3H	18.3	19.0	19.2	19.9	21.0	18.1	18.9	19.0	19.7	20.8
4H	18.3	19.0	19.1	19.8	21.0	18.1	18.8	19.0	19.7	20.8
6H	18.2	18.8	19.1	19.7	20.9	18.0	18.6	18.9	19.5	20.7
8H	18.1	18.7	19.0	19.6	20.8	17.9	18.5	18.8	19.4	20.6
12H	18.1	18.6	19.0	19.6	20.7	17.8	18.4	18.7	19.3	20.5
4H 2H	18.0	18.7	18.8	19.5	20.7	17.9	18.6	18.8	19.5	20.6
3H	18.3	18.9	19.2	19.8	20.9	18.1	18.7	19.0	19.6	20.8
4H	18.3	18.8	19.2	19.7	20.9	18.1	18.6	19.0	19.5	20.7
6H	18.2	18.6	19.2	19.6	20.8	18.0	18.4	18.9	19.4	20.6
8H	18.2	18.6	19.1	19.5	20.8	17.9	18.3	18.9	19.3	20.5
12H	18.1	18.5	19.1	19.5	20.7	17.8	18.2	18.8	19.2	20.4
8H 4H	18.1	18.5	19.1	19.5	20.7	17.9	18.3	18.9	19.3	20.5
6H	18.0	18.4	19.0	19.4	20.7	17.8	18.2	18.8	19.1	20.4
8H	18.0	18.3	19.0	19.3	20.6	17.7	18.0	18.8	19.0	20.4
12H	18.0	18.3	19.0	19.3	20.6	17.7	17.9	18.7	18.9	20.3
12H 4H	18.0	18.4	19.0	19.3	20.6	17.8	18.2	18.8	19.2	20.4
6H	18.0	18.2	19.0	19.3	20.6	17.7	18.0	18.8	19.0	20.3
8H	17.9	18.2	19.0	19.2	20.6	17.7	17.9	18.7	18.9	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.1					+ 0.9 / - 1.3				
1.5H	+ 0.6 / - 0.5					+ 0.7 / - 0.8				
2.0H	+ 1.8 / - 2.3					+ 2.1 / - 2.2				

CIE Pub.117, 2556 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.3$)
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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

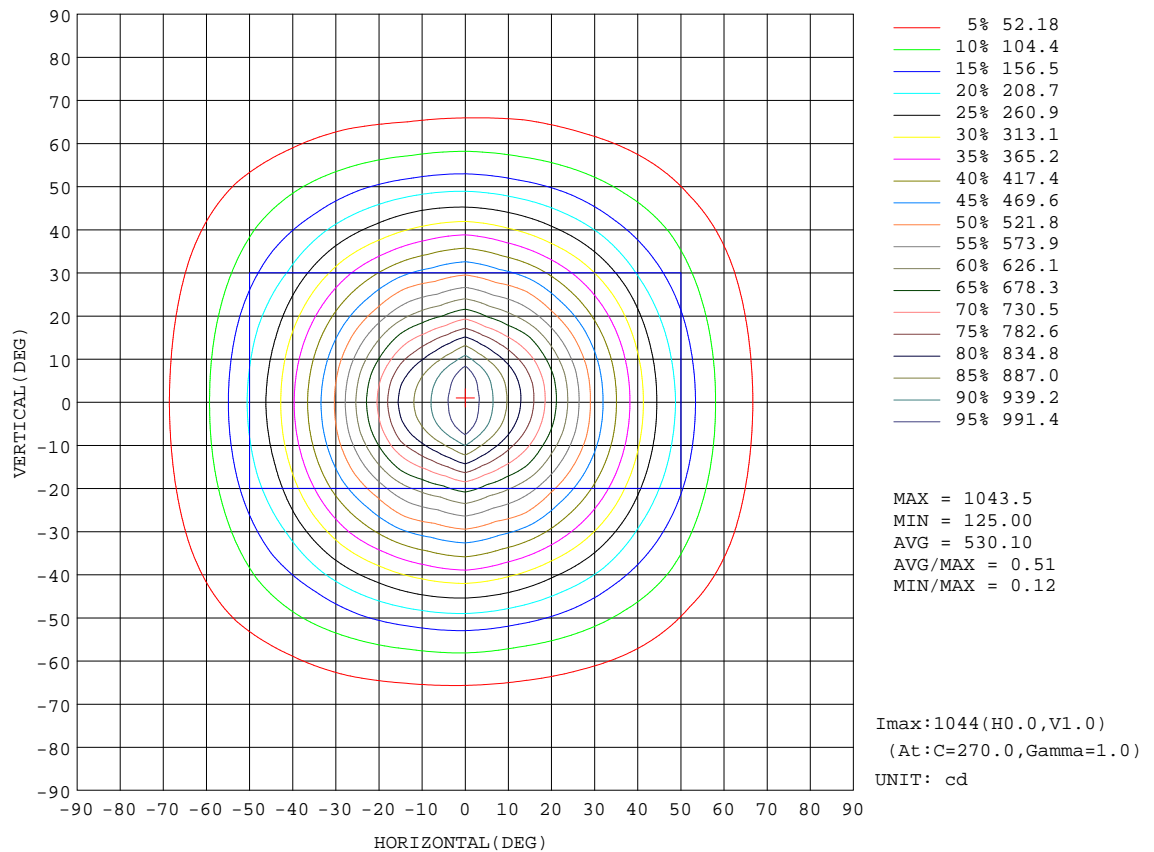
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	51	41	36	48	40	35	44	37	33	25
0.80	60	50	44	57	48	43	51	44	40	30
1.00	67	58	51	63	55	49	56	50	45	34
1.25	74	64	58	69	61	55	61	55	50	37
1.50	78	69	63	73	66	60	64	58	54	39
2.00	85	77	71	79	72	67	68	63	60	42
2.50	88	81	76	82	76	71	71	66	63	43
3.00	91	85	80	85	79	75	73	69	66	44
4.00	95	90	85	88	84	80	75	72	70	45
5.00	97	93	89	90	86	83	77	74	72	46
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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



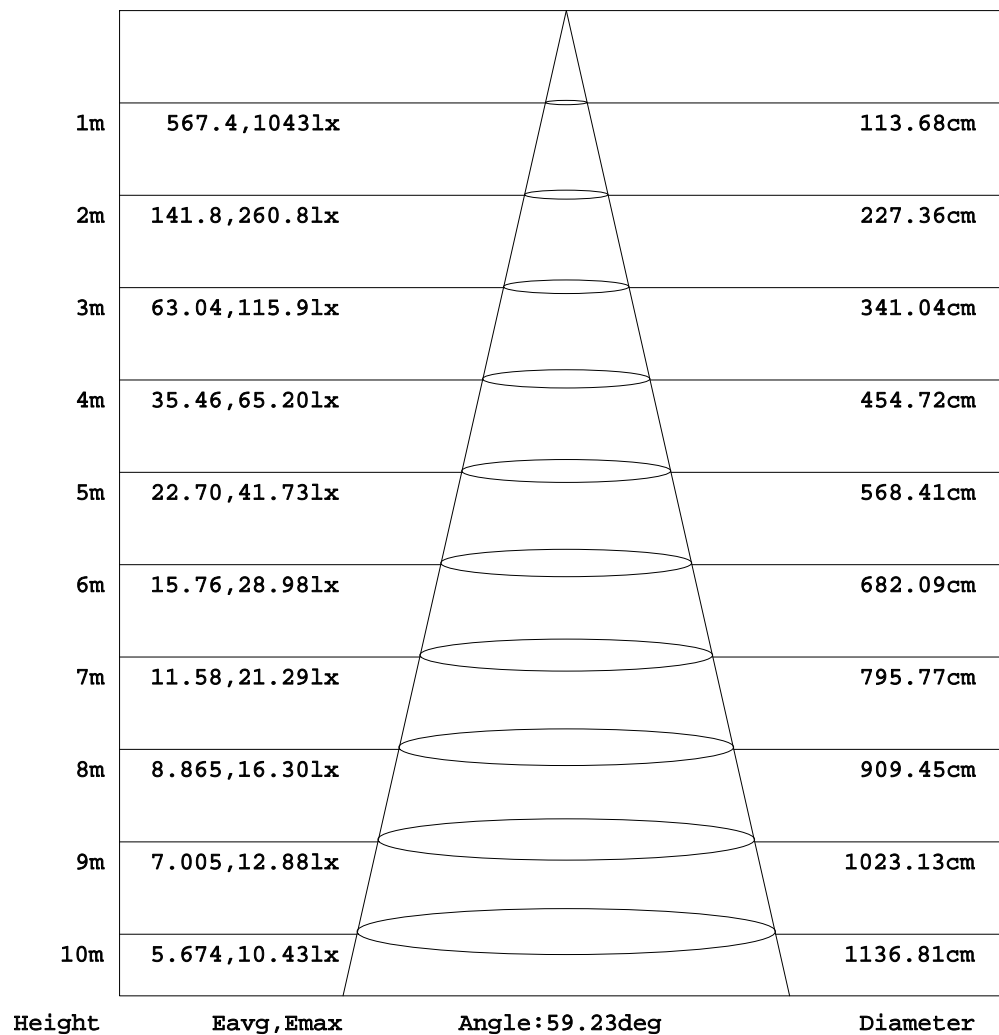
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 15 October 2024

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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:594.2 lm



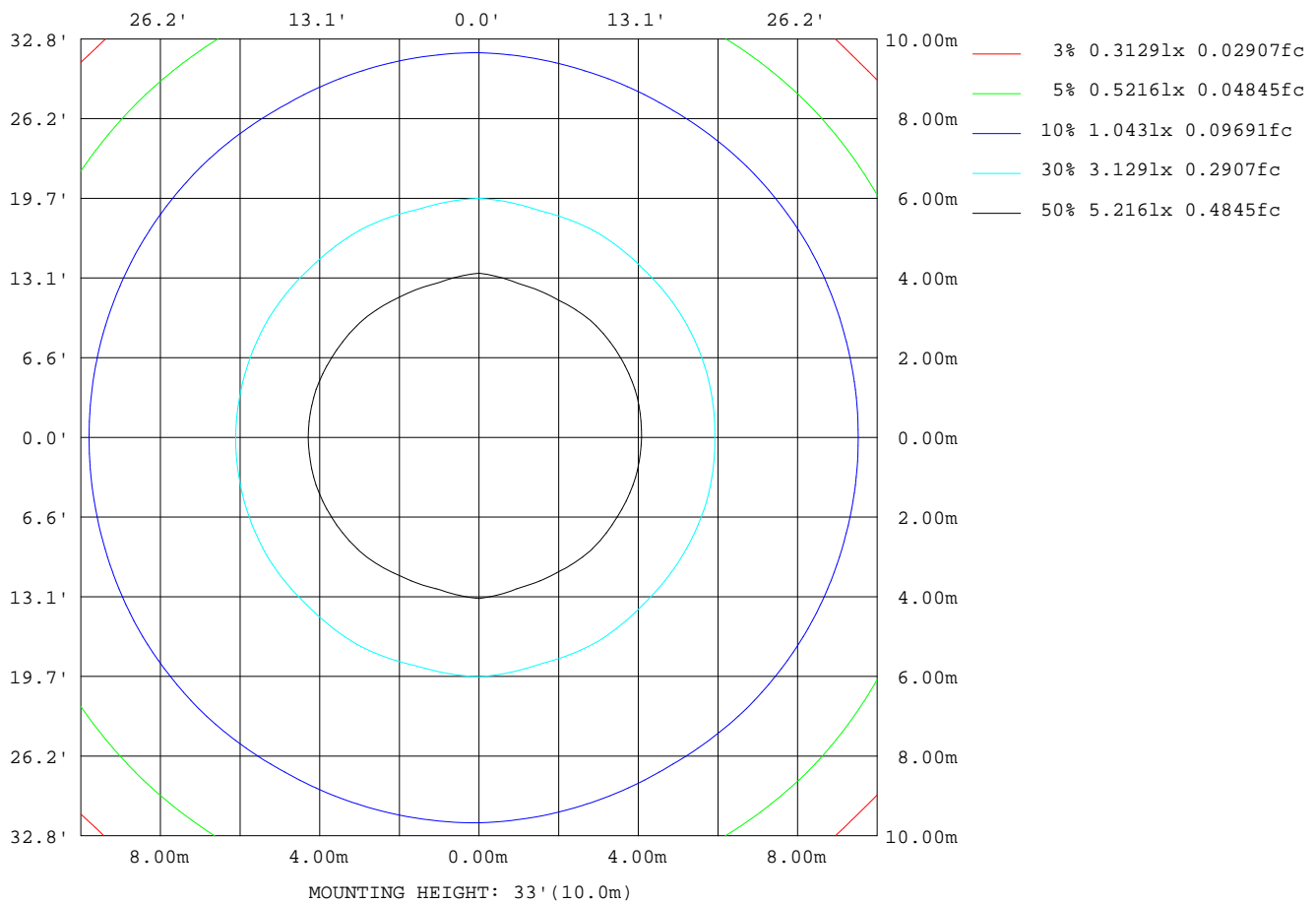
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

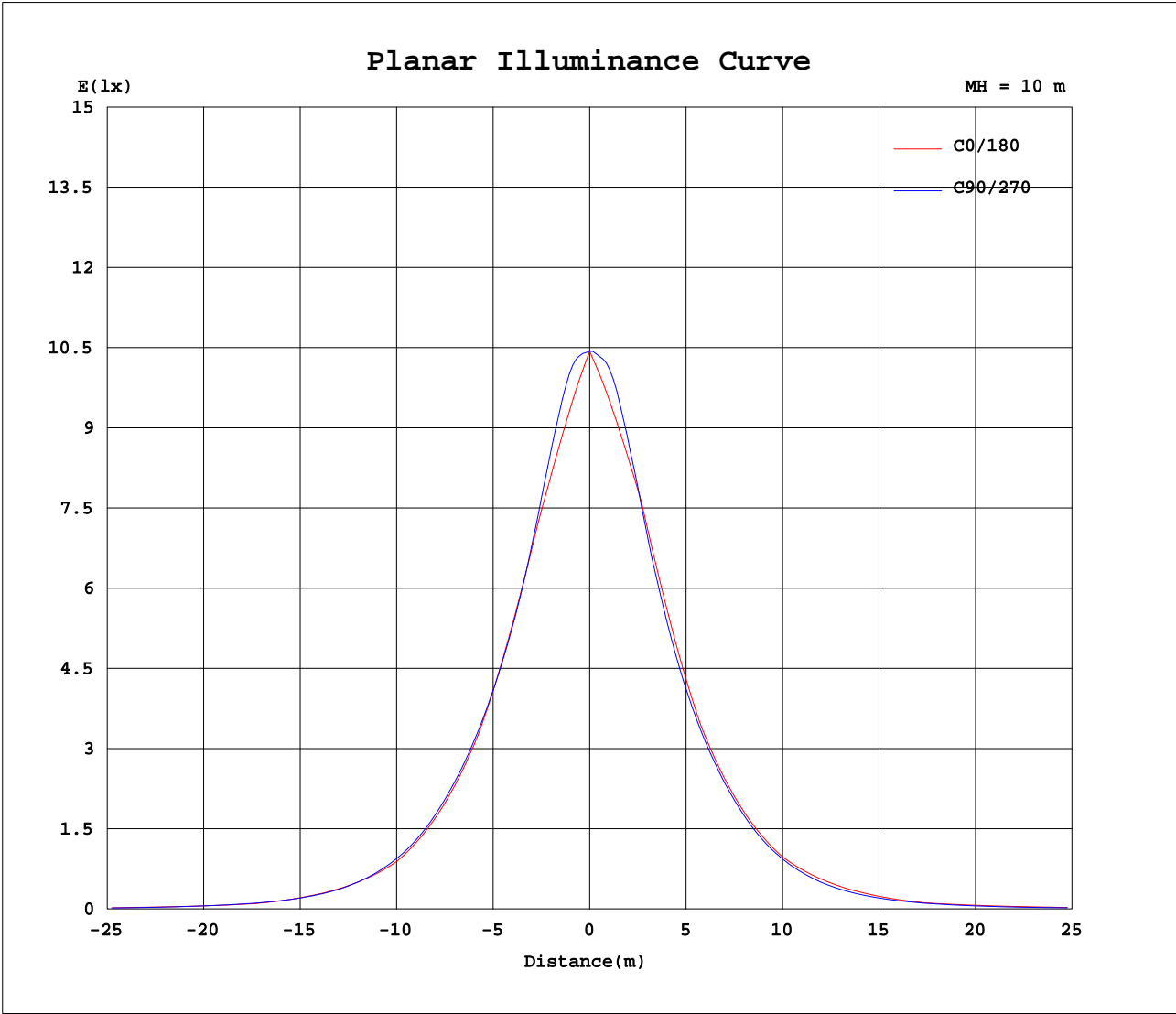
AvgL	cd/m2
L_0~180(65)av	10862
L_0~180(75)av	4760
L_0~180(85)av	4759
L_90~270(65)av	9444
L_90~270(75)av	4612
L_90~270(85)av	949
L_45(65)av	9932
L_45(75)av	5591
L_45(85)av	3379

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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 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	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043	1043
5	962	963	969	979	992	1008	1029	1012	1000	990	983	979	978	979	982	990	1001	1016	1033
10	881	881	884	886	893	910	940	917	908	908	911	912	912	912	913	915	918	931	958
15	800	795	787	780	779	788	816	795	794	807	827	841	847	842	828	813	807	813	838
20	701	696	688	685	673	673	697	679	687	711	726	736	740	737	725	715	696	692	714
25	601	599	592	587	583	579	599	585	596	609	620	631	634	631	620	611	600	589	605
30	502	505	500	496	504	497	513	504	518	516	527	530	528	528	523	514	514	502	513
35	418	419	417	415	417	417	431	425	431	435	443	443	444	441	436	430	426	421	429
40	335	335	335	335	332	336	347	344	347	357	359	359	360	358	354	351	342	341	345
45	251	252	256	257	255	261	267	269	270	276	278	276	276	276	275	272	266	266	264
50	195	192	184	187	187	189	195	196	201	204	205	213	216	213	203	202	198	194	194
55	138	138	136	127	130	129	134	134	141	142	152	155	156	155	150	141	140	134	134
60	82.1	84.8	89.7	88.4	85.4	85.4	89.6	89.8	94.0	99.9	103	98.1	95.6	98.2	102	99.4	93.7	88.9	89.8
65	59.7	58.0	53.8	54.8	53.4	53.9	55.9	57.2	60.1	63.4	63.7	68.4	70.4	68.5	63.7	63.5	59.9	56.2	57.2
70	37.4	36.9	35.3	31.6	31.7	31.0	32.1	33.3	36.2	37.7	42.4	44.4	45.1	44.6	42.8	38.3	36.4	31.6	33.6
75	15.1	16.0	17.7	18.1	15.9	15.6	16.2	17.2	18.8	22.1	22.3	20.7	19.8	21.0	22.8	22.9	19.2	15.0	17.6
80	10.1	9.64	8.45	6.88	7.20	6.69	6.87	7.67	8.98	9.11	11.2	12.7	13.3	12.9	11.7	9.92	9.23	5.78	7.76
85	5.08	4.86	4.26	3.46	2.27	1.07	0.68	1.34	3.18	4.56	5.61	6.36	6.67	6.50	5.86	4.95	3.26	0.84	1.66
90	0.09	0.09	0.12	0.16	0.20	0.22	0.22	0.20	0.18	0.15	0.11	0.08	0.08	0.08	0.08	0.10	0.13	0.18	0.09
95	6.44	6.21	5.57	4.65	3.34	1.65	1.43	1.67	3.14	4.26	4.99	5.49	5.58	5.28	4.68	3.88	2.77	1.35	1.04
100	12.8	12.4	11.1	9.24	9.53	8.36	8.05	8.36	9.04	8.47	9.92	10.9	11.1	10.5	9.32	7.76	8.22	7.62	7.28
105	19.1	20.3	22.5	22.9	20.0	18.9	18.8	18.7	19.0	20.9	20.1	18.0	16.6	17.3	19.1	19.6	17.5	17.0	16.8
110	44.7	44.9	43.5	39.4	38.5	36.3	36.0	35.7	36.5	35.8	39.1	39.9	39.4	38.7	37.4	33.8	33.7	32.6	32.7
115	70.3	69.7	65.5	66.3	63.7	61.6	61.7	60.5	60.1	60.5	58.7	62.0	62.2	60.3	56.5	57.3	55.7	55.4	56.0
120	95.9	100	106	104	99.5	95.9	96.5	93.6	93.8	95.6	95.5	89.6	85.0	87.4	92.3	90.8	87.3	86.2	88.5
125	157	158	157	148	149	143	144	140	140	136	142	143	141	140	138	129	131	129	132
130	218	217	211	212	211	208	207	202	199	197	192	197	196	194	187	187	186	186	191
135	278	281	285	286	282	282	280	274	267	267	264	257	252	254	258	256	253	257	261
140	360	363	366	368	360	359	361	349	344	345	344	339	336	337	337	333	329	331	341
145	442	446	449	446	445	439	445	430	428	424	426	423	421	421	420	414	414	413	426
150	524	530	531	528	532	519	527	510	515	507	511	509	505	508	508	500	504	494	509
155	617	621	619	617	612	601	615	593	597	599	601	605	607	610	604	596	588	580	597
160	709	714	713	711	696	694	713	688	685	697	699	706	709	713	709	702	678	675	696
165	801	805	802	793	789	796	820	792	783	784	793	806	811	813	806	792	783	786	809
170	867	871	876	880	886	898	921	896	881	875	874	873	874	878	882	883	886	897	920
175	934	935	940	948	958	972	988	972	958	948	941	937	937	940	946	954	964	977	993
180	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

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:0.1575A P:18.60W PF:0.9841 Freq:60.00Hz Lamp Flux:2555.59x1 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	1043	1043	1043	1043	1043													
5	1012	995	980	970	965													
10	927	910	901	893	885													
15	808	797	797	802	804													
20	687	685	700	702	705													
25	585	590	594	600	604													
30	497	505	500	505	506													
35	415	416	415	417	419													
40	334	332	335	336	335													
45	259	256	257	256	252													
50	188	188	187	184	192													
55	130	131	127	136	138													
60	87.9	87.3	89.4	90.1	84.9													
65	58.0	55.5	56.1	54.5	58.2													
70	36.1	33.9	32.8	36.0	37.0													
75	20.9	17.9	18.9	18.2	16.1													
80	11.0	8.85	7.43	8.75	9.73													
85	4.36	3.27	3.72	4.40	4.90													
90	0.17	0.12	0.10	0.09	0.09													
95	1.24	2.92	4.30	5.34	6.13													
100	7.50	8.58	8.62	10.7	12.2													
105	17.0	18.2	21.2	21.4	20.0													
110	32.9	35.2	36.4	41.2	43.8													
115	56.2	58.4	61.5	61.9	67.8													
120	87.6	91.3	97.4	100	97.6													
125	131	138	139	149	154													
130	192	196	200	201	212													
135	263	264	270	274	275													
140	339	340	349	354	357													
145	419	425	428	436	440													
150	499	512	509	517	524													
155	582	591	598	604	612													
160	675	677	692	695	703													
165	784	777	778	787	794													
170	893	879	873	870	867													
175	975	961	949	941	936													
180	1000	1000	1000	1000	1000													

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: