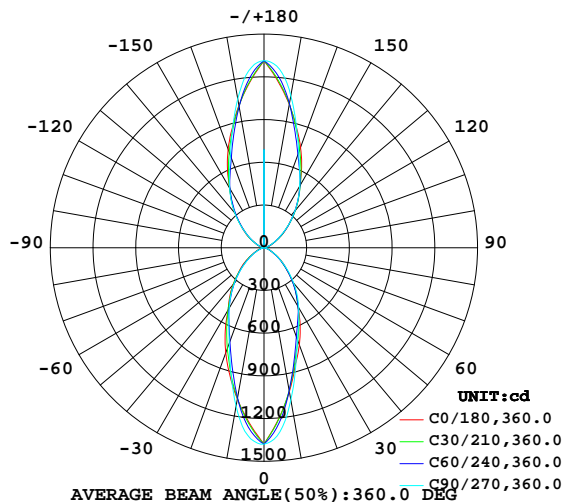


LUMINAIRE PHOTOMETRIC TEST REPORT

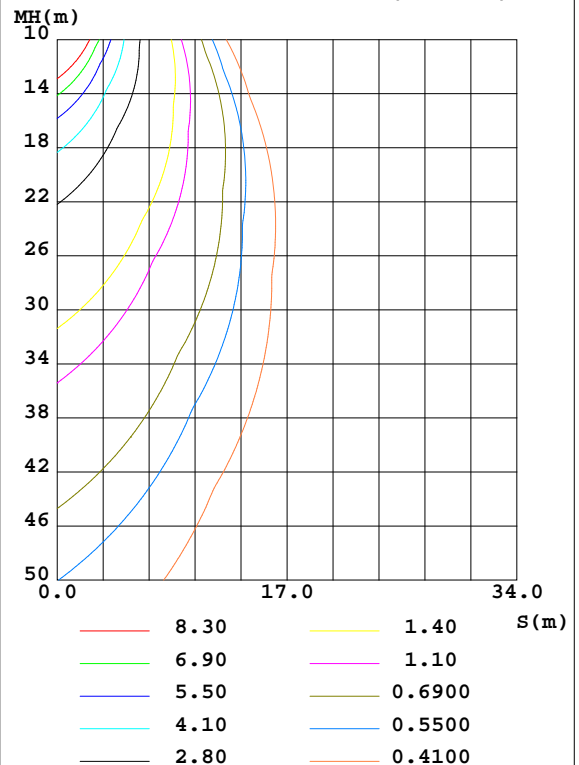
Test:U:120.0V I:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.97 lm/W			
MODEL:LINDEPS020UNHD8SC2R4BZP		Imax(cd)	1379	S/MH(C0/180)	0.69
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.64
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	2536.7	η UP,DN(C0-180)	25.4,24.8
NOMINAL FLUX(lm)	2536.67	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.6,25.2
LAMPS INSIDE	1	η up(%)	50.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	50.0	CIBSE SHR MAX	0.80

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	1027	1016	1087	1046	1078	1072	1130	1043	0- 10	112.6	112.6	4.44,4.44
20	726.2	681.9	689.7	711.7	786.0	727.2	713.8	698.0	10- 20	241.7	354.4	14,14
30	477.2	473.5	488.3	493.5	502.1	494.1	488.5	477.8	20- 30	271.5	625.8	24.7,24.7
40	316.0	314.1	324.9	335.3	339.6	330.5	324.6	315.8	30- 40	251.3	877.2	34.6,34.6
50	182.6	175.7	182.1	190.9	202.2	189.6	181.9	175.6	40- 50	192.1	1069	42.2,42.2
60	77.14	82.93	83.78	93.53	89.73	93.46	84.71	84.21	50- 60	117.4	1187	46.8,46.8
70	35.39	29.94	30.16	35.58	42.61	36.31	32.03	31.11	60- 70	56.50	1243	49,49
80	9.710	6.673	6.553	8.751	12.73	9.606	7.577	7.227	70- 80	20.36	1264	49.8,49.8
90	0.0944	0.1587	0.2159	0.1406	0.0814	0.0992	0.0901	0.1026	80- 90	4.364	1268	50,50
100	12.12	8.871	7.836	8.186	10.62	7.486	6.937	8.267	90-100	4.386	1272	50.2,50.2
110	42.03	37.11	34.10	33.85	37.17	31.89	30.77	34.24	100-110	20.91	1293	51,51
120	89.80	97.88	90.77	89.74	79.74	84.92	82.87	90.98	110-120	58.08	1351	53.3,53.3
130	203.7	198.5	194.0	184.3	183.7	174.9	177.2	186.4	120-130	119.8	1471	58,58
140	340.3	345.3	338.4	324.1	316.9	312.0	319.0	327.1	130-140	194.5	1666	65.7,65.7
150	499.7	504.9	500.9	484.7	479.3	475.8	482.1	486.3	140-150	253.1	1919	75.6,75.6
160	751.5	717.1	713.7	699.6	737.4	697.3	692.1	698.0	150-160	271.6	2190	86.3,86.3
170	1023	1025	1086	1014	1016	1007	1063	1006	160-170	237.9	2428	95.7,95.7
180	1314	1314	1314	1314	1314	1314	1314	1314	170-180	108.4	2537	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 982.55 lm

%lum = 38.7%

%lamp = 38.7%

Conical surface Flux(120deg): 1186.7 lm

%lum = 46.8%

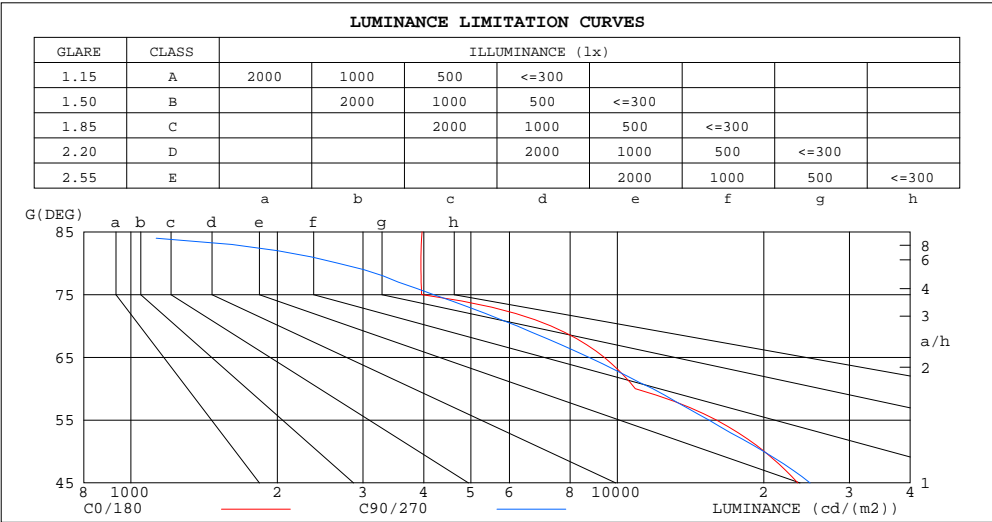
%lamp = 46.8%

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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 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	3969	493
80	3946	2663
75	3959	4187
70	7303	6224
65	9396	8740
60	10889	11826
55	15983	15427
50	20054	19993
45	23495	24908

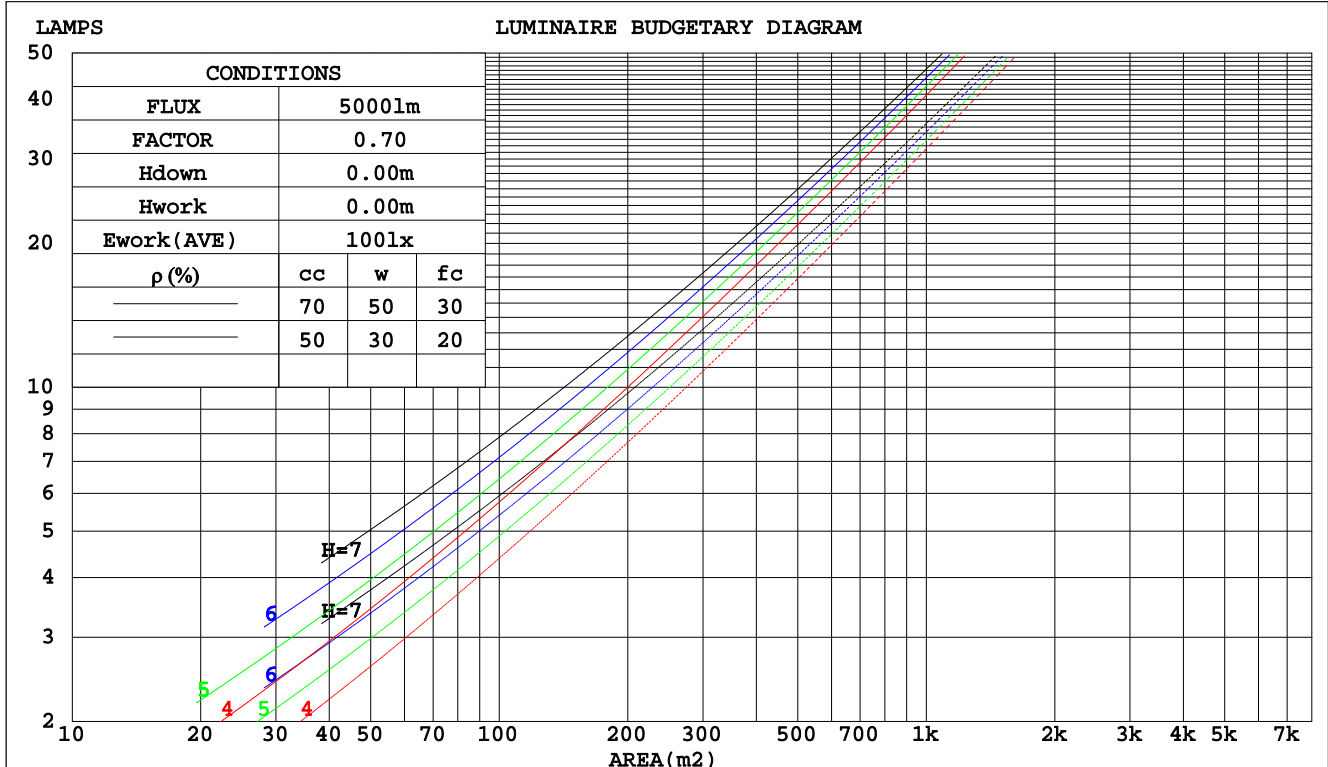
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 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	.95	.92	.89	.88	.86	.83	.75	.73	.71	.63	.62	.60	.52	.51	.50	.45
2.0	.85	.80	.75	.79	.75	.71	.68	.64	.62	.57	.55	.53	.48	.46	.45	.40
3.0	.76	.70	.65	.71	.66	.61	.61	.57	.54	.52	.49	.47	.44	.42	.40	.36
4.0	.69	.62	.56	.64	.58	.53	.56	.51	.47	.48	.44	.42	.40	.38	.36	.32
5.0	.62	.55	.50	.58	.52	.47	.51	.46	.42	.44	.40	.37	.37	.35	.33	.29
6.0	.57	.49	.44	.53	.47	.42	.46	.41	.38	.40	.36	.34	.34	.32	.30	.27
7.0	.52	.45	.39	.49	.42	.38	.43	.38	.34	.37	.33	.31	.32	.29	.27	.25
8.0	.48	.41	.36	.45	.38	.34	.40	.35	.31	.35	.31	.28	.30	.27	.25	.23
9.0	.44	.37	.32	.41	.35	.31	.37	.32	.28	.32	.28	.26	.28	.25	.23	.21
10.0	.41	.34	.30	.38	.32	.28	.34	.29	.26	.30	.26	.24	.26	.24	.21	.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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 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	.137	.043	.218	.125	.040	.177	.102	.032	.139	.080	.026	.104	.060	.020		
2.0	.226	.124	.038	.206	.114	.035	.169	.094	.029	.134	.075	.024	.102	.058	.018		
3.0	.212	.113	.034	.193	.104	.031	.159	.086	.026	.128	.070	.021	.098	.054	.017		
4.0	.198	.103	.030	.181	.095	.028	.150	.079	.024	.121	.065	.020	.094	.051	.016		
5.0	.185	.094	.027	.170	.087	.025	.141	.073	.022	.114	.060	.018	.089	.048	.014		
6.0	.174	.087	.025	.160	.081	.023	.133	.068	.020	.108	.056	.017	.085	.045	.013		
7.0	.163	.081	.023	.150	.075	.021	.125	.063	.018	.102	.052	.015	.081	.042	.012		
8.0	.154	.075	.021	.142	.070	.020	.119	.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	.572	.572	.572	.488	.488	.488	.333	.333	.333	.192	.192	.192	.061	.061	.061	
1.0	.560	.541	.524	.479	.464	.451	.328	.319	.312	.189	.185	.181	.060	.060	.059	
2.0	.550	.519	.493	.471	.447	.426	.323	.309	.297	.186	.180	.174	.060	.058	.057	
3.0	.542	.503	.471	.465	.434	.409	.319	.301	.287	.184	.176	.169	.059	.057	.055	
4.0	.535	.490	.457	.459	.424	.397	.316	.295	.279	.183	.173	.165	.059	.056	.054	
5.0	.528	.481	.446	.454	.416	.388	.312	.291	.274	.181	.171	.162	.058	.056	.054	
6.0	.522	.473	.438	.449	.410	.381	.309	.287	.270	.180	.169	.160	.058	.055	.053	
7.0	.516	.467	.432	.444	.405	.377	.307	.284	.267	.178	.167	.159	.058	.055	.053	
8.0	.511	.461	.428	.440	.400	.373	.304	.281	.265	.177	.166	.158	.057	.054	.052	
9.0	.506	.457	.424	.436	.397	.370	.302	.279	.263	.176	.165	.157	.057	.054	.052	
10.0	.501	.453	.421	.432	.394	.368	.300	.277	.261	.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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 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	17.7	18.5	18.5	19.3	20.4	17.6	18.4	18.4	19.2	20.3	
	3H	17.9	18.6	18.8	19.5	20.6	17.7	18.5	18.6	19.3	20.4
	4H	17.9	18.6	18.8	19.4	20.5	17.7	18.3	18.6	19.2	20.3
	6H	17.8	18.4	18.7	19.3	20.5	17.5	18.2	18.5	19.1	20.2
	8H	17.7	18.3	18.7	19.2	20.4	17.5	18.1	18.4	19.0	20.1
	12H	17.7	18.3	18.6	19.2	20.3	17.4	18.0	18.3	18.9	20.1
4H	2H	17.6	18.2	18.4	19.1	20.2	17.5	18.2	18.4	19.1	20.2
	3H	17.9	18.5	18.8	19.4	20.5	17.7	18.3	18.6	19.2	20.4
	4H	17.9	18.4	18.8	19.3	20.5	17.7	18.2	18.6	19.1	20.3
	6H	17.8	18.3	18.8	19.2	20.5	17.6	18.0	18.5	19.0	20.2
	8H	17.8	18.2	18.8	19.2	20.4	17.5	17.9	18.5	18.9	20.1
	12H	17.7	18.1	18.7	19.1	20.4	17.4	17.8	18.4	18.8	20.0
8H	4H	17.7	18.1	18.7	19.1	20.3	17.5	17.9	18.5	18.9	20.1
	6H	17.7	18.0	18.7	19.0	20.3	17.4	17.7	18.4	18.7	20.0
	8H	17.7	17.9	18.7	18.9	20.3	17.3	17.6	18.4	18.6	19.9
	12H	17.6	17.9	18.7	18.9	20.2	17.3	17.5	18.3	18.5	19.9
12H	4H	17.6	18.0	18.6	19.0	20.2	17.4	17.8	18.4	18.8	20.0
	6H	17.6	17.9	18.6	18.9	20.2	17.3	17.6	18.4	18.6	19.9
	8H	17.6	17.8	18.6	18.8	20.2	17.3	17.5	18.3	18.5	19.9
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 / - 2.3					+ 2.1 / - 2.2					

CIE Pub.117, 2537 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.2$)
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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

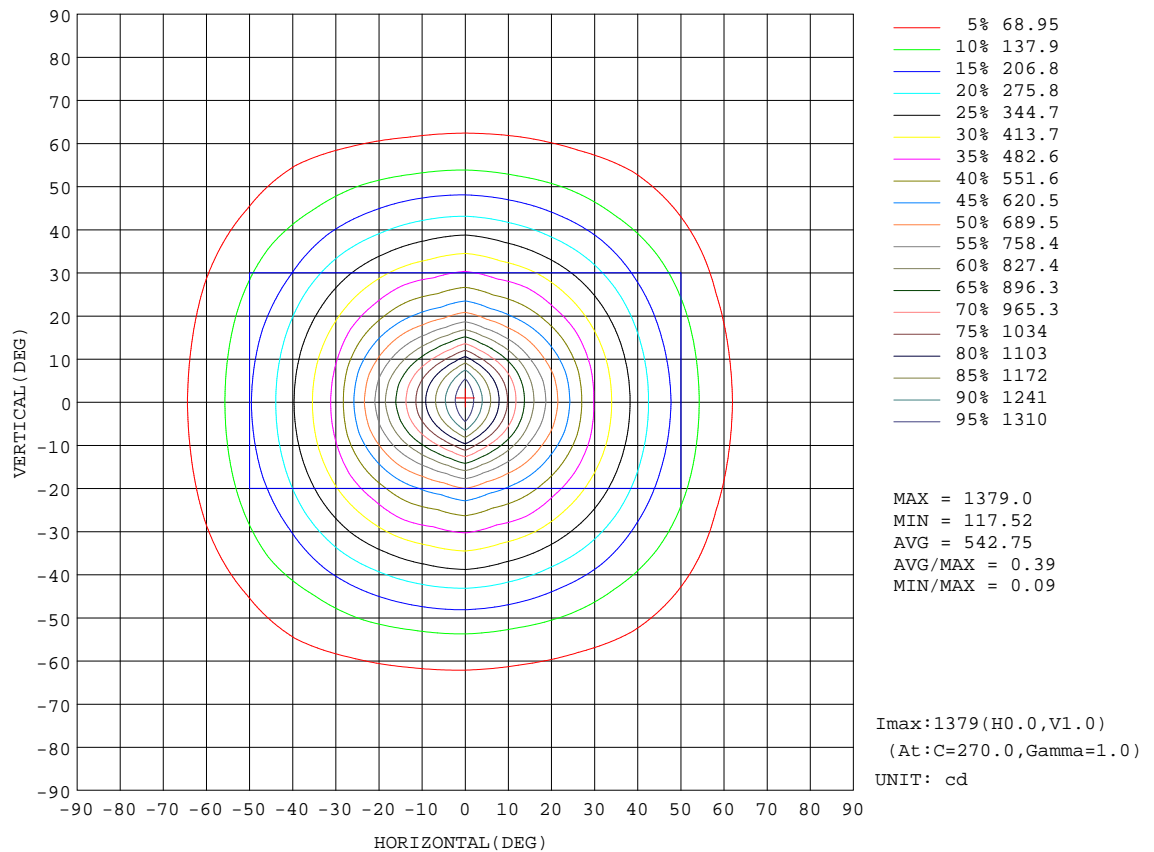
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	42	37	49	41	36	44	38	33	26
0.80	61	51	45	57	49	43	51	45	40	31
1.00	68	58	52	64	55	50	56	51	46	34
1.25	74	65	59	69	61	56	61	55	51	37
1.50	79	70	64	74	66	61	64	59	55	39
2.00	85	77	71	79	72	67	68	64	60	42
2.50	88	81	76	82	76	72	71	67	63	43
3.00	91	85	80	85	80	75	73	69	66	44
4.00	95	90	86	88	84	80	75	72	70	46
5.00	97	93	89	90	86	83	77	74	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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

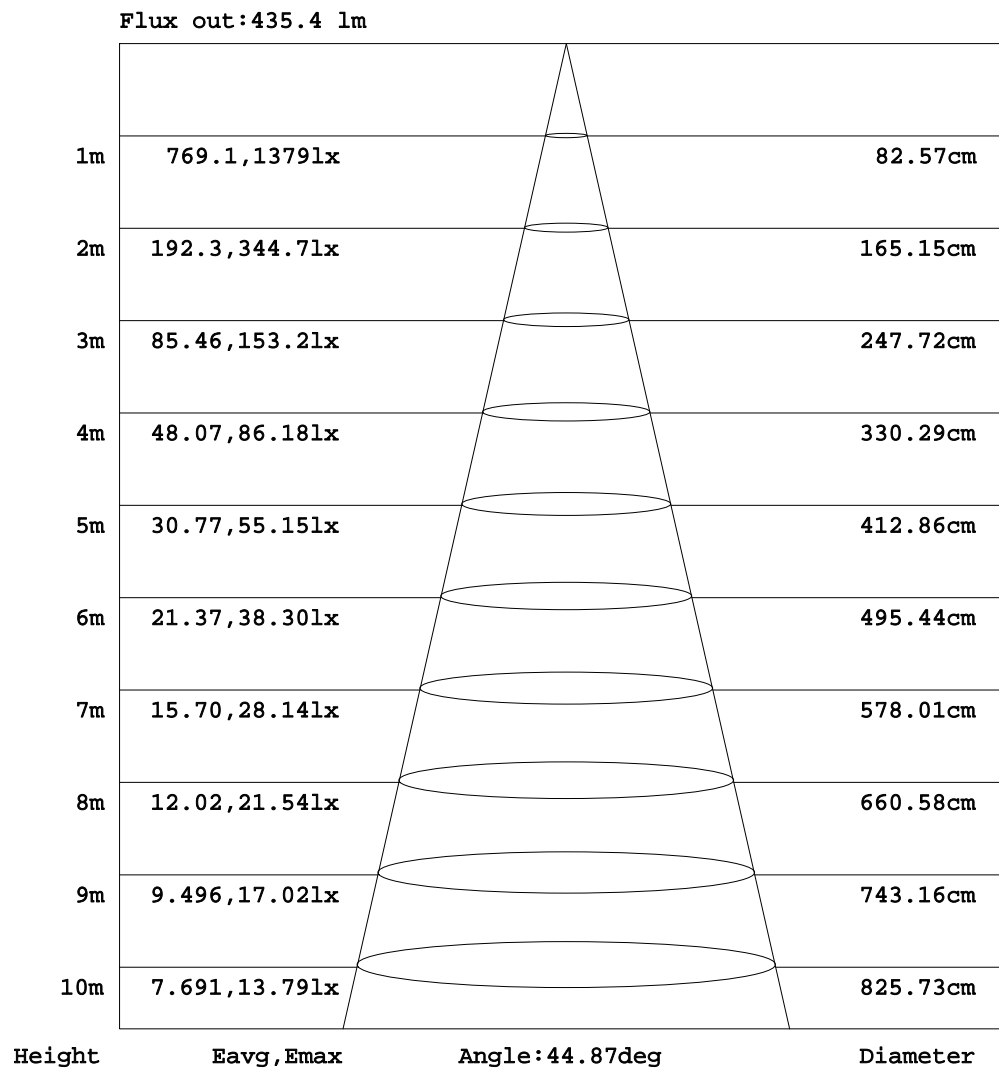


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



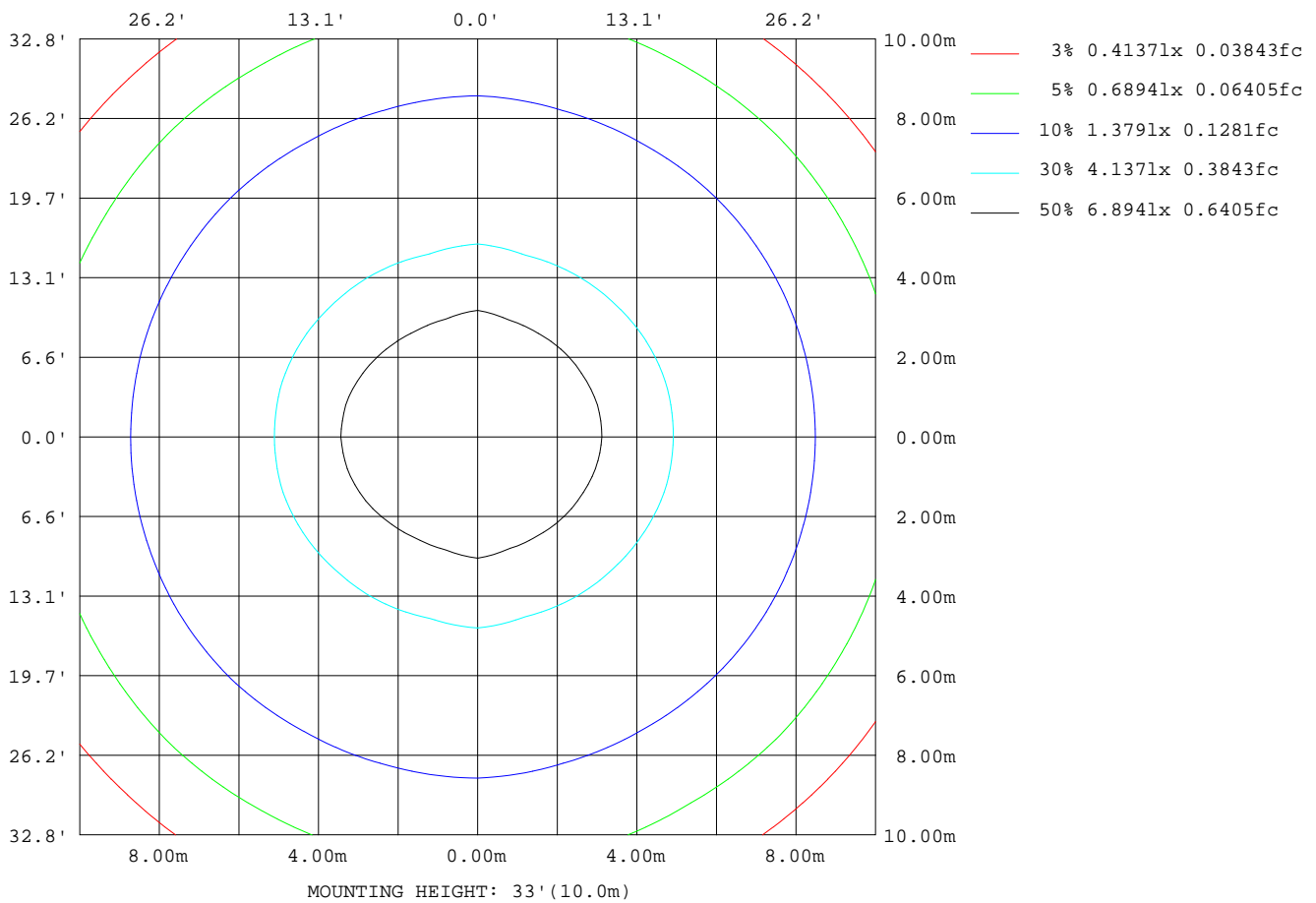
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 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:0.1568A P:18.52W PF:0.9843 Freq:60.00Hz Lamp Flux:2536.67x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

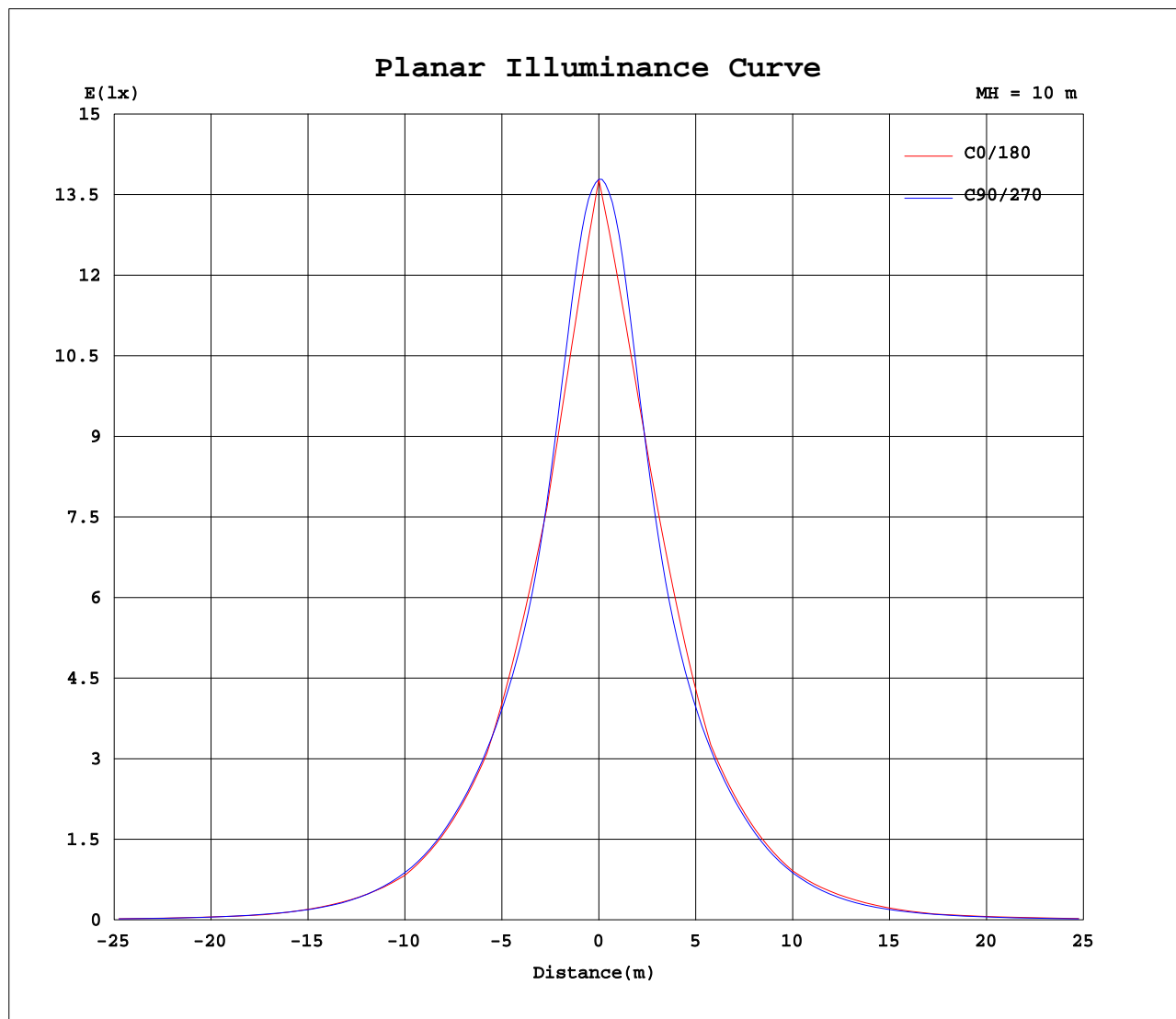
AvgL	cd/m2
L_0~180(65)av	10223
L_0~180(75)av	4577
L_0~180(85)av	4578
L_90~270(65)av	8894
L_90~270(75)av	4361
L_90~270(85)av	915
L_45(65)av	9357
L_45(75)av	5321
L_45(85)av	3274

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



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C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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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	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379	1379
5	1203	1202	1207	1217	1233	1259	1296	1265	1245	1234	1228	1226	1229	1232	1238	1248	1265	1289	1322
10	1027	1023	1019	1016	1020	1041	1087	1050	1038	1046	1059	1071	1078	1079	1076	1072	1071	1088	1130
15	851	846	838	826	819	826	863	834	836	859	890	915	928	925	906	881	865	868	903
20	726	716	695	682	667	664	690	671	682	712	741	771	786	779	753	727	701	691	714
25	602	596	581	569	562	557	577	563	576	591	613	636	644	640	620	599	582	570	586
30	477	483	480	474	478	471	488	478	492	493	506	509	502	509	507	494	491	477	488
35	397	396	393	391	393	392	406	400	407	411	418	421	421	419	413	408	403	398	406
40	316	316	316	314	312	315	325	323	326	335	338	339	340	339	334	330	323	320	325
45	235	237	240	241	238	244	250	251	253	259	261	260	258	258	258	256	250	250	248
50	183	180	173	176	175	176	182	183	187	191	192	200	202	199	190	190	186	182	182
55	130	130	127	119	122	121	125	126	132	132	143	145	146	146	141	132	132	126	126
60	77.1	79.8	84.4	82.9	80.1	79.8	83.8	83.9	88.0	93.5	96.5	92.1	89.7	92.3	95.9	93.5	88.3	83.8	84.7
65	56.3	54.7	50.7	51.6	50.2	50.6	52.3	53.6	56.4	59.6	59.9	64.3	66.2	64.5	60.1	59.9	56.6	53.0	54.2
70	35.4	35.0	33.4	29.9	30.0	29.3	30.2	31.4	34.1	35.6	40.0	41.9	42.6	42.1	40.5	36.3	34.5	30.1	32.0
75	14.5	15.4	16.9	17.2	15.2	14.9	15.4	16.3	17.8	20.9	21.1	19.7	19.1	20.1	21.8	21.8	18.3	14.5	16.6
80	9.71	9.30	8.16	6.67	6.94	6.44	6.55	7.36	8.61	8.75	10.7	12.1	12.7	12.4	11.2	9.61	8.90	5.64	7.58
85	4.90	4.69	4.12	3.36	2.22	1.03	0.61	1.29	3.08	4.39	5.38	6.10	6.40	6.22	5.64	4.79	3.19	0.82	1.65
90	0.09	0.09	0.12	0.16	0.20	0.22	0.22	0.20	0.17	0.14	0.10	0.08	0.08	0.08	0.08	0.10	0.13	0.18	0.09
95	6.11	5.91	5.32	4.45	3.24	1.60	1.42	1.62	3.05	4.11	4.81	5.27	5.35	5.06	4.49	3.74	2.69	1.29	0.92
100	12.1	11.7	10.6	8.87	9.13	8.05	7.84	8.08	8.68	8.19	9.55	10.5	10.6	10.0	8.94	7.49	7.85	7.27	6.94
105	18.1	19.3	21.3	21.7	19.0	17.9	18.0	17.7	18.1	19.9	19.2	17.2	15.9	16.5	18.2	18.6	16.6	16.1	15.8
110	42.0	42.3	40.9	37.1	36.3	34.3	34.1	33.8	34.5	33.8	36.9	37.7	37.2	36.5	35.3	31.9	31.8	30.6	30.8
115	65.9	65.4	61.5	62.3	59.9	58.1	58.2	57.0	56.6	57.0	55.3	58.3	58.5	56.7	53.1	53.8	52.3	51.8	52.3
120	89.8	94.1	99.1	97.9	93.4	90.0	90.8	88.0	88.1	89.7	89.6	84.1	79.7	81.9	86.5	84.9	81.7	80.4	82.9
125	147	148	146	138	139	134	135	131	131	127	133	134	132	131	129	120	122	120	123
130	204	203	197	199	198	194	194	189	186	184	179	184	184	181	174	175	174	174	177
135	261	264	267	268	264	264	262	257	251	251	247	241	236	237	241	239	236	239	243
140	340	343	344	345	338	336	338	328	323	324	323	320	317	317	317	312	308	309	319
145	420	423	424	422	420	413	419	405	403	401	401	400	398	397	395	390	389	387	400
150	500	509	512	505	506	492	501	483	489	485	490	487	479	485	485	476	477	468	482
155	626	627	614	602	592	580	594	571	576	583	594	605	608	606	592	576	565	556	575
160	751	751	734	717	698	692	714	685	685	700	713	731	737	733	716	697	673	668	692
165	877	880	872	855	843	849	882	844	834	841	852	864	866	865	855	836	823	826	858
170	1023	1026	1026	1025	1029	1046	1086	1042	1021	1014	1015	1016	1016	1015	1012	1007	1008	1024	1063
175	1168	1171	1177	1188	1205	1227	1259	1226	1202	1185	1173	1167	1165	1166	1170	1179	1193	1215	1246
180	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314	1314

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Humidity: 41.6%

Test Distance: 2.500m [K=1.0461]

Remarks:

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MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	1379	1379	1379	1379	1379													
5	1283	1254	1231	1216	1208													
10	1079	1053	1043	1037	1031													
15	860	847	849	856	856													
20	684	684	698	709	725													
25	564	569	577	591	601													
30	473	481	478	485	484													
35	392	393	392	394	397													
40	314	312	316	316	316													
45	244	240	241	241	237													
50	177	176	176	173	180													
55	123	123	120	127	130													
60	82.9	82.3	84.2	84.8	79.9													
65	54.8	52.5	53.0	51.5	54.9													
70	34.3	32.2	31.1	34.1	35.1													
75	19.9	17.1	18.1	17.4	15.5													
80	10.6	8.55	7.23	8.47	9.36													
85	4.26	3.20	3.62	4.26	4.72													
90	0.17	0.13	0.10	0.09	0.09													
95	1.19	2.82	4.13	5.09	5.83													
100	7.15	8.19	8.27	10.1	11.6													
105	16.1	17.2	20.1	20.2	19.0													
110	30.9	33.1	34.2	38.7	41.2													
115	52.6	54.7	57.6	58.1	63.6													
120	81.8	85.4	91.0	93.9	91.4													
125	123	128	129	139	145													
130	178	183	186	188	198													
135	245	246	253	257	258													
140	317	319	327	333	337													
145	393	400	404	411	417													
150	473	486	486	498	503													
155	560	571	584	600	618													
160	670	676	698	716	739													
165	826	823	834	853	867													
170	1023	1007	1006	1012	1018													
175	1215	1193	1180	1172	1168													
180	1314	1314	1314	1314	1314													

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