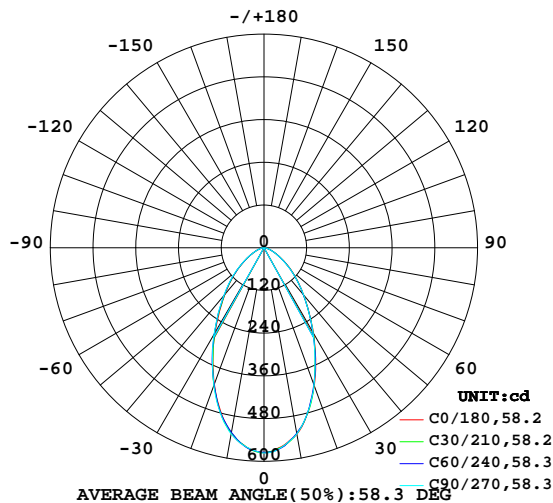


LUMINAIRE PHOTOMETRIC TEST REPORT

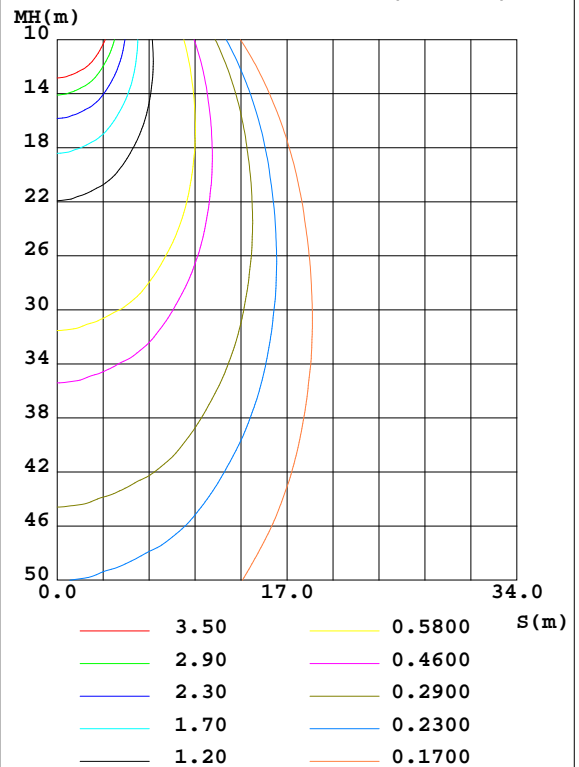
Test:U:120.0V I:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.63 lm/W			
MODEL	INDF5010UNHD8SC2R3BZP	I _{max} (cd)	577.0	S/MH(C0/180)	0.84
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	699.55	η UP,DN(C0-180)	0.0,49.7
NOMINAL FLUX(lm)	699.551	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.2
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	99.9	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: 25.1DEG
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	531.8	529.8	531.0	527.8	529.3	527.3	531.3	531.6	0- 10	52.66	52.66	7.53,7.53
20	412.9	409.8	411.2	404.1	407.9	410.1	411.5	412.0	10- 20	132.7	185.3	26.5,26.5
30	278.4	273.4	275.8	272.7	275.5	277.3	280.6	279.5	20- 30	156.5	341.8	48.9,48.9
40	173.9	171.0	173.0	172.0	171.2	173.5	176.0	175.6	30- 40	138.2	479.9	68.6,68.6
50	102.3	99.60	99.47	99.21	99.22	100.2	102.7	102.2	40- 50	103.9	583.9	83.5,83.5
60	50.20	48.89	48.21	48.25	48.38	49.24	49.95	50.86	50- 60	65.01	648.9	92.8,92.8
70	21.40	20.81	20.61	20.52	20.62	20.82	21.06	21.48	60- 70	33.07	681.9	97.5,97.5
80	6.985	6.807	6.902	6.634	6.506	6.563	6.937	7.007	70- 80	13.59	695.5	99.4,99.4
90	0.0109	0.0105	0.0101	0.0096	0.0178	0.0177	0.0190	0.0193	80- 90	3.179	698.7	99.9,99.9
100	0.0155	0.0155	0.0155	0.0161	0.0330	0.0323	0.0330	0.0320	90-100	0.0199	698.7	99.9,99.9
110	0.0282	0.0275	0.0275	0.0281	0.0501	0.0488	0.0494	0.0488	100-110	0.0333	698.8	99.9,99.9
120	0.0522	0.0525	0.0534	0.0537	0.0783	0.0776	0.0770	0.0763	110-120	0.0495	698.8	99.9,99.9
130	0.1009	0.1003	0.1021	0.1027	0.1496	0.1485	0.1465	0.1463	120-130	0.0817	698.9	99.9,99.9
140	0.1700	0.1702	0.1737	0.1733	0.2606	0.2606	0.2591	0.2570	130-140	0.1289	699.0	99.9,99.9
150	0.2522	0.2528	0.2563	0.2557	0.4196	0.4181	0.4170	0.4168	140-150	0.1721	699.2	100,100
160	0.3352	0.3364	0.3394	0.3387	0.5320	0.5305	0.5295	0.5295	150-160	0.1793	699.4	100,100
170	0.3765	0.3781	0.3816	0.3781	0.5240	0.5240	0.5223	0.5211	160-170	0.1276	699.5	100,100
180	0.4635	0.4624	0.4635	0.4616	0.4604	0.4594	0.4574	0.4565	170-180	0.0429	699.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 536.63 lm

%lum = 76.7%

%lamp = 76.7%

Conical surface Flux(120deg): 648.88 lm

%lum = 92.8%

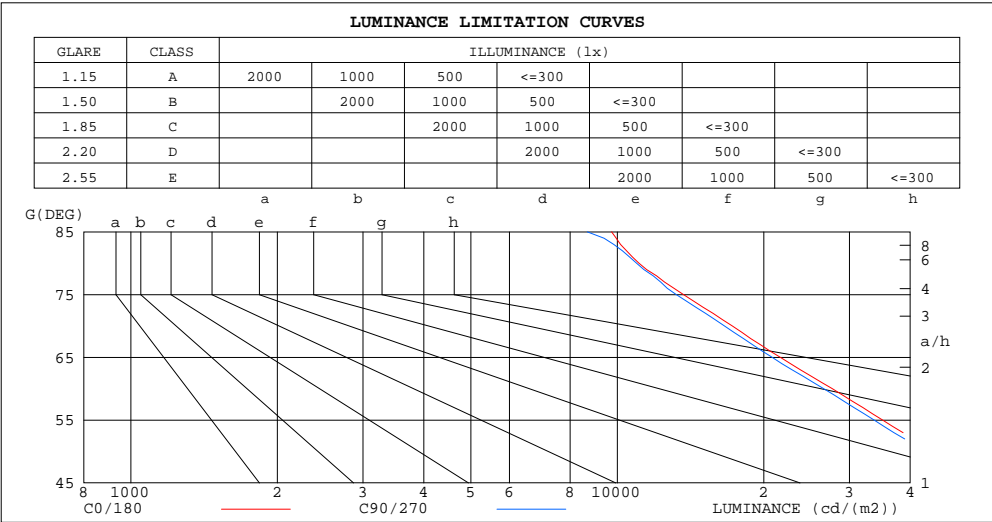
%lamp = 92.8%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 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	9730	8672
80	11081	10950
75	13678	13215
70	17236	16598
65	21635	20813
60	27658	26564
55	35090	33729
50	43826	42630
45	52727	51925

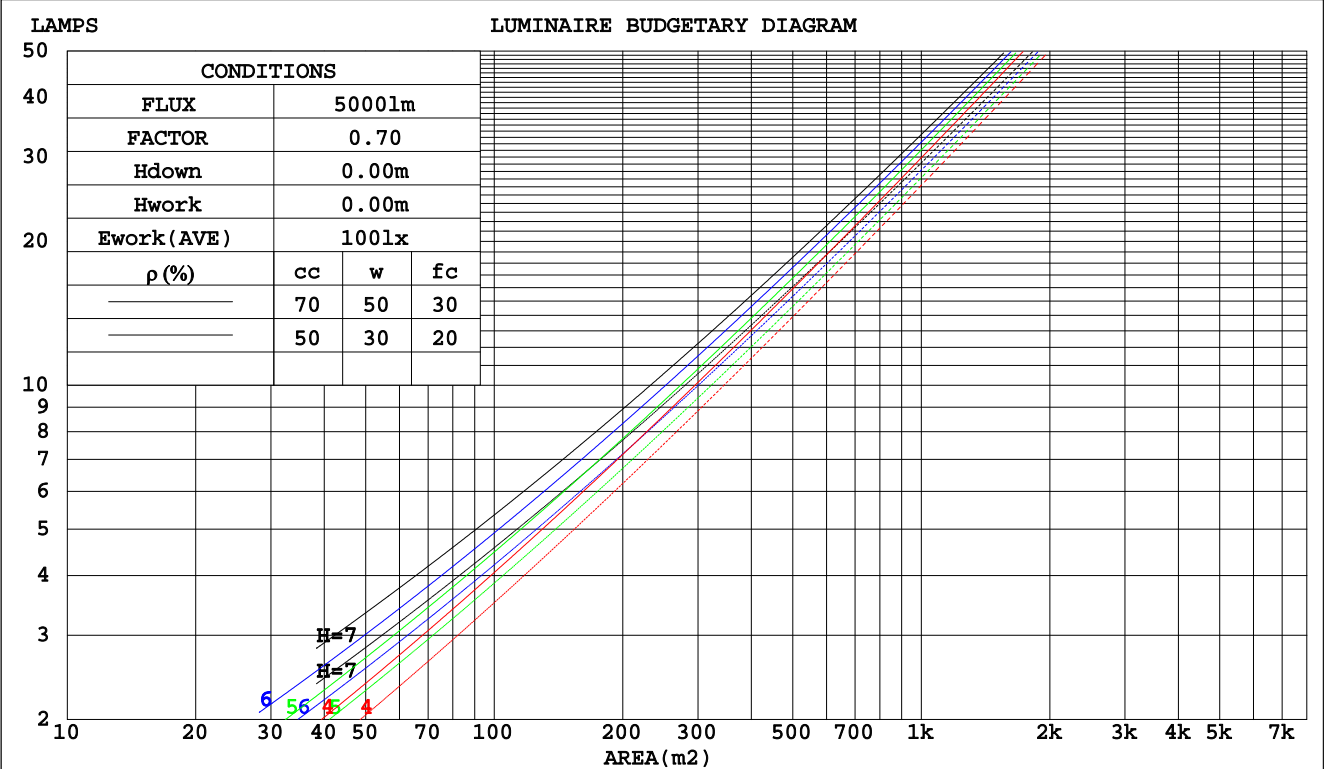
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:Alan Wang
Test Date:22 October 2024

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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 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: 25.1DEG
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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 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	.228	.130	.041	.221	.126	.040	.208	.120	.038	.197	.113	.036	.186	.108	.035		
2.0	.220	.120	.037	.214	.118	.036	.203	.113	.035	.193	.108	.034	.183	.104	.033		
3.0	.208	.111	.033	.203	.109	.033	.193	.105	.032	.184	.101	.031	.176	.098	.030		
4.0	.196	.102	.030	.192	.100	.030	.183	.097	.029	.175	.094	.028	.168	.091	.028		
5.0	.185	.094	.027	.181	.093	.027	.173	.090	.027	.166	.088	.026	.160	.085	.026		
6.0	.174	.087	.025	.171	.086	.025	.164	.084	.024	.158	.082	.024	.152	.080	.024		
7.0	.165	.081	.023	.161	.080	.023	.156	.079	.023	.150	.077	.022	.145	.075	.022		
8.0	.156	.076	.021	.153	.075	.021	.148	.074	.021	.143	.072	.021	.138	.071	.021		
9.0	.148	.071	.020	.145	.071	.020	.140	.069	.020	.136	.068	.019	.132	.067	.019		
10.0	.140	.067	.019	.138	.067	.019	.134	.065	.018	.130	.064	.018	.126	.063	.018		

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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.176	.158	.142	.150	.135	.122	.103	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.164	.133	.108	.140	.115	.093	.096	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.154	.115	.084	.132	.099	.073	.090	.069	.051	.052	.040	.030	.017	.013	.010	
4.0	.145	.101	.067	.124	.087	.058	.085	.061	.041	.049	.036	.024	.016	.012	.008	
5.0	.137	.090	.055	.118	.078	.048	.081	.054	.034	.047	.032	.020	.015	.010	.007	
6.0	.130	.081	.046	.112	.070	.040	.077	.049	.028	.045	.029	.017	.014	.009	.006	
7.0	.123	.074	.039	.106	.064	.034	.073	.045	.024	.043	.026	.014	.014	.009	.005	
8.0	.118	.068	.033	.101	.059	.029	.070	.041	.021	.041	.024	.012	.013	.008	.004	
9.0	.112	.063	.029	.097	.054	.026	.067	.038	.018	.039	.023	.011	.013	.007	.004	
10.0	.107	.058	.026	.092	.051	.023	.064	.036	.016	.037	.021	.010	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 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	23.9	25.1	24.1	25.3	25.4	23.8	25.0	24.0	25.2	25.3
3H	24.3	25.4	24.6	25.6	25.8	24.2	25.3	24.5	25.5	25.7
4H	24.4	25.5	24.7	25.7	25.9	24.3	25.3	24.6	25.6	25.8
6H	24.5	25.4	24.8	25.7	26.0	24.4	25.3	24.7	25.6	25.9
8H	24.5	25.4	24.8	25.7	26.0	24.4	25.3	24.7	25.6	25.9
12H	24.5	25.4	24.8	25.7	25.9	24.3	25.3	24.7	25.5	25.8
4H 2H	24.0	25.1	24.3	25.3	25.6	23.9	25.0	24.2	25.2	25.5
3H	24.6	25.5	24.9	25.8	26.1	24.5	25.4	24.8	25.7	26.0
4H	24.8	25.6	25.1	25.9	26.2	24.7	25.5	25.0	25.8	26.1
6H	24.9	25.6	25.3	26.0	26.3	24.8	25.5	25.2	25.9	26.2
8H	24.9	25.6	25.3	26.0	26.3	24.8	25.5	25.2	25.9	26.2
12H	24.9	25.6	25.4	25.9	26.3	24.8	25.5	25.3	25.8	26.2
8H 4H	24.8	25.5	25.2	25.8	26.2	24.7	25.4	25.1	25.7	26.1
6H	25.0	25.5	25.4	25.9	26.3	24.9	25.4	25.3	25.8	26.3
8H	25.0	25.5	25.5	25.9	26.4	24.9	25.4	25.4	25.9	26.3
12H	25.1	25.5	25.6	25.9	26.4	25.0	25.4	25.5	25.9	26.3
12H 4H	24.8	25.4	25.2	25.7	26.1	24.7	25.3	25.1	25.7	26.1
6H	25.0	25.4	25.4	25.9	26.3	24.9	25.4	25.3	25.8	26.2
8H	25.0	25.5	25.5	25.9	26.4	25.0	25.4	25.4	25.8	26.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.9					+ 0.7 / - 1.0				
1.5H	+ 0.5 / - 0.4					+ 0.5 / - 0.4				
2.0H	+ 1.5 / - 1.4					+ 1.5 / - 1.4				

CIE Pub.117, 699.6 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -1.2$)
Area: 0.00362984 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

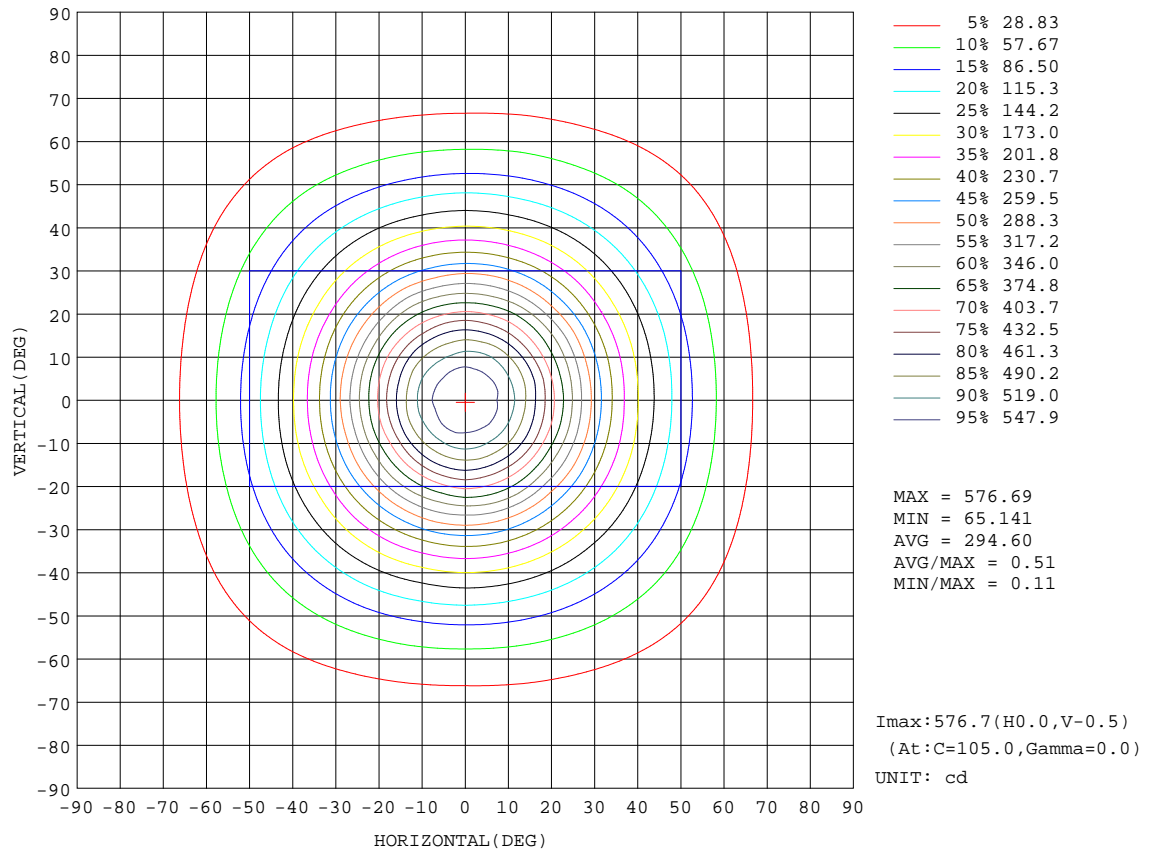
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	63	57	71	62	57	70	62	57	52
0.80	81	72	67	80	72	67	79	71	66	61
1.00	88	80	75	87	79	74	85	80	74	68
1.25	94	86	81	93	86	81	90	84	80	74
1.50	98	91	86	96	90	85	94	88	84	78
2.00	103	97	92	101	95	91	98	93	90	83
2.50	105	100	95	103	98	95	100	96	93	86
3.00	108	103	99	106	101	98	102	99	96	88
4.00	110	106	103	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	106	103	101	93
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: 25.1DEG
 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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



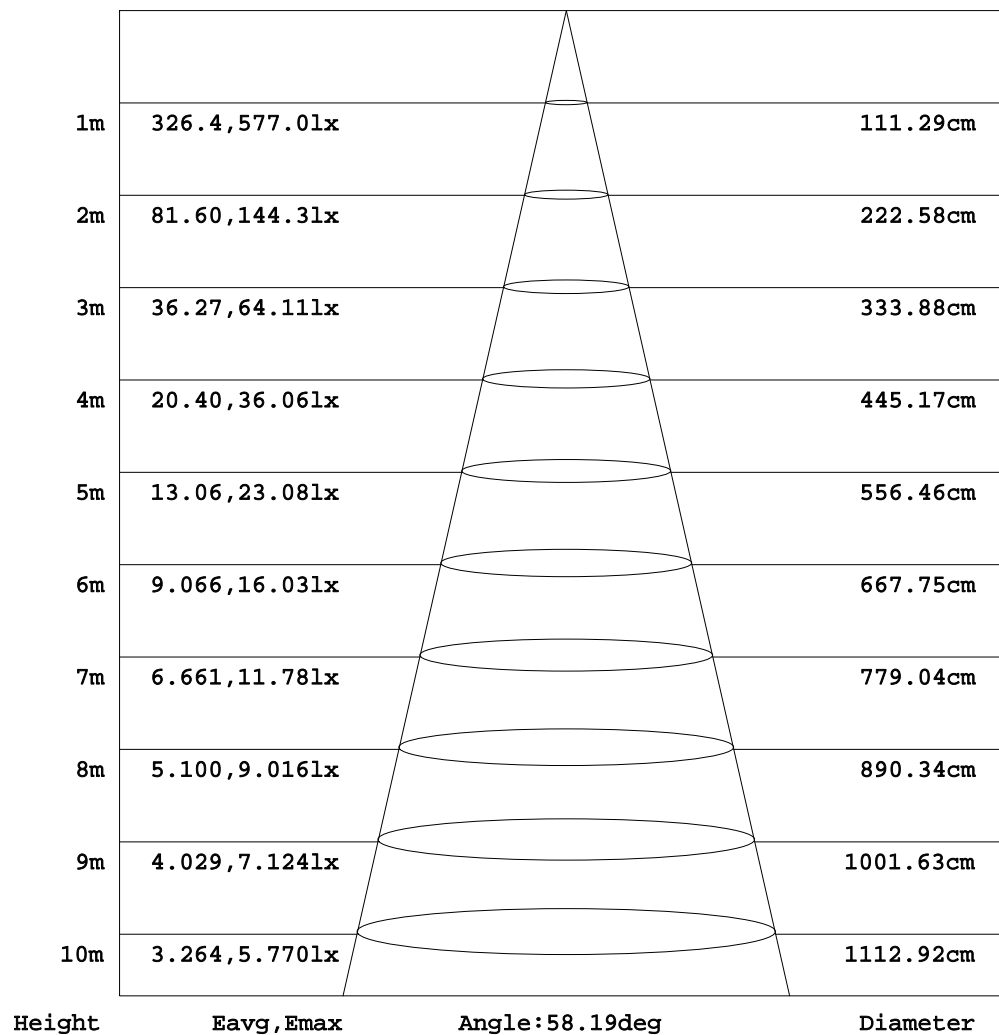
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 22 October 2024

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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:341.8 lm



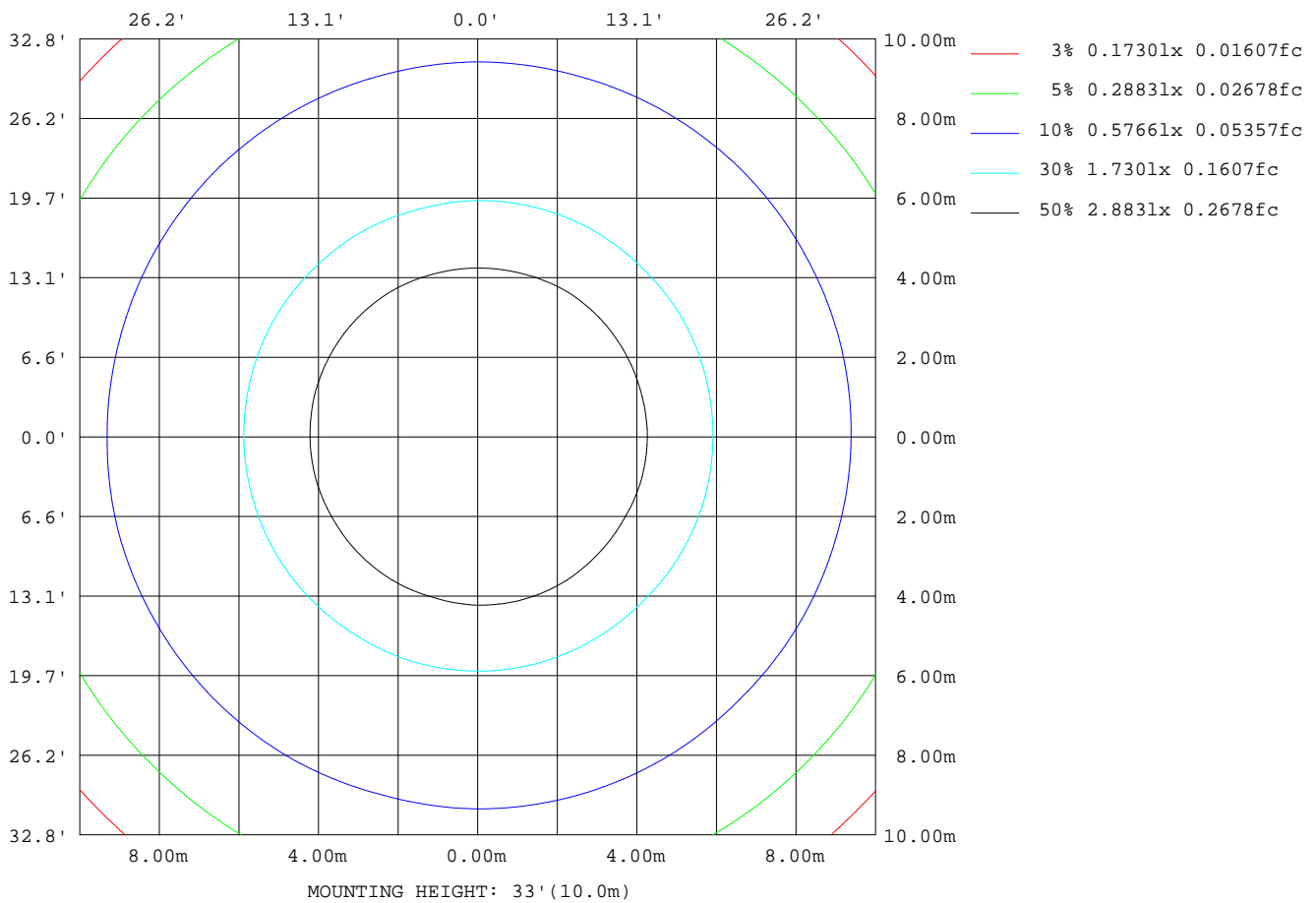
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 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: 25.1DEG
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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

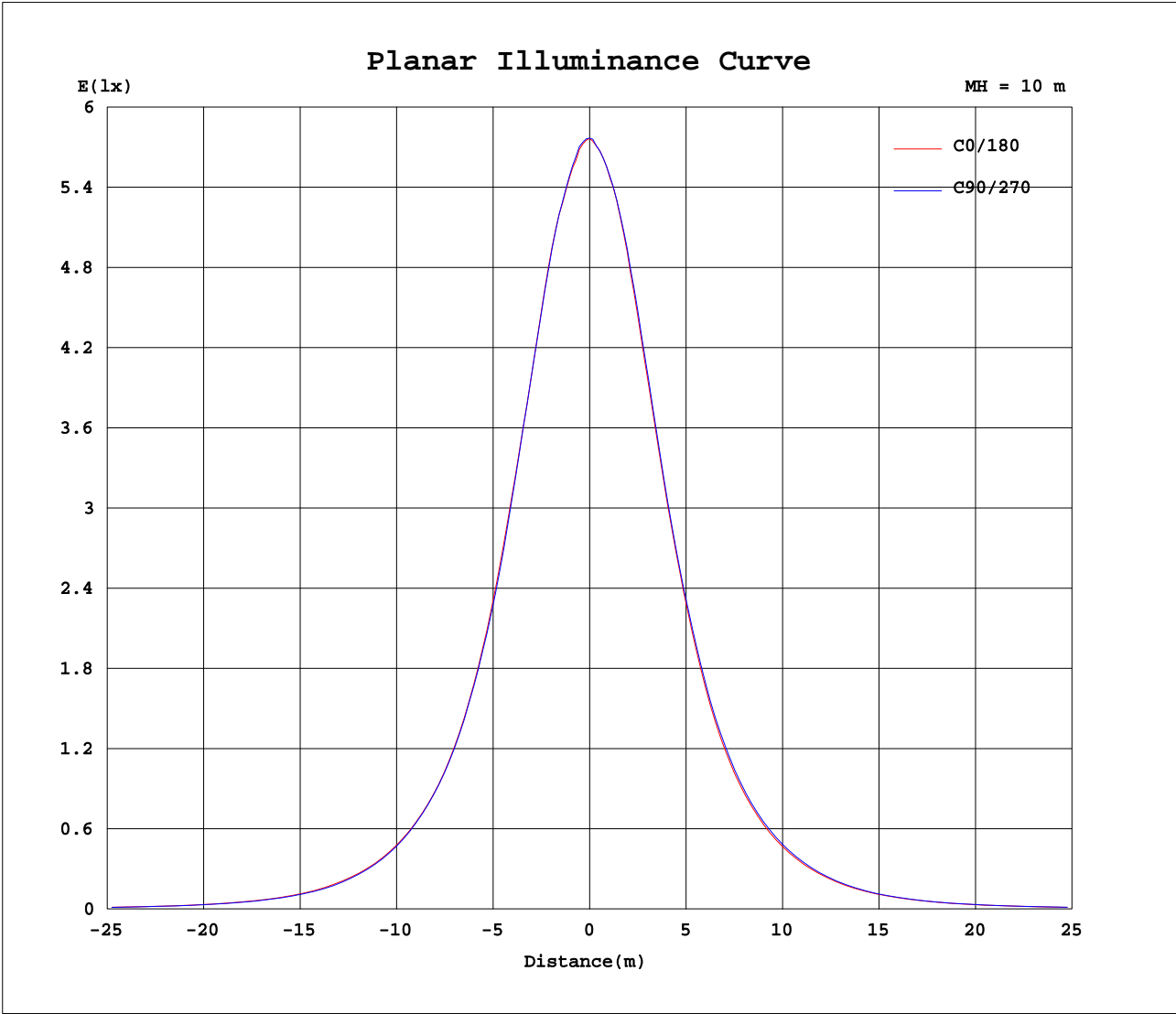
AvgL	cd/m2
L_0~180(65)av	21252
L_0~180(75)av	13271
L_0~180(85)av	9150
L_90~270(65)av	21135
L_90~270(75)av	13243
L_90~270(85)av	8923
L_45(65)av	21379
L_45(75)av	13267
L_45(85)av	8999

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
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: 25.1DEG
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:0.0429A P:5.12W PF:0.9937 Freq:60.00Hz Lamp Flux:699.55lx1 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	577	577	575	575	575	576	577	577	575	575	575	575	577	577	575	575	575	576	577
5	561	561	562	564	564	562	563	563	564	564	563	562	562	562	562	563	563	562	562
10	532	531	530	530	529	529	531	531	528	528	527	529	529	530	528	527	527	529	531
15	478	478	478	479	477	476	477	476	476	474	475	473	474	473	476	478	476	476	478
20	413	413	411	410	410	410	411	407	405	404	403	407	408	410	411	410	410	409	411
25	344	343	340	339	342	341	339	337	338	338	337	337	340	341	340	343	345	343	343
30	278	278	276	273	274	276	276	275	273	273	274	274	276	276	278	277	279	278	281
35	221	220	219	219	219	219	219	217	218	219	218	217	218	220	221	222	223	224	224
40	174	174	172	171	172	173	173	172	173	172	171	172	171	172	172	173	174	175	176
45	135	134	134	133	133	133	133	132	134	134	133	133	132	132	133	135	136	136	137
50	102	102	100	99.6	99.2	99.4	99.5	99.1	99.6	99.2	99.6	99.7	99.2	99.4	100	100	101	101	103
55	73.1	72.6	72.3	71.2	71.1	70.7	70.2	70.5	70.8	70.8	71.0	70.8	70.6	70.8	71.1	71.8	71.9	72.2	72.8
60	50.2	50.0	49.4	48.9	48.7	48.9	48.2	48.6	48.1	48.2	48.1	48.3	48.4	48.7	48.8	49.2	49.0	49.5	49.9
65	33.2	33.1	33.0	32.7	32.5	32.5	31.9	32.2	31.9	32.1	32.0	31.8	32.0	32.0	32.1	32.7	32.6	32.9	32.9
70	21.4	21.1	21.0	20.8	20.7	20.9	20.6	20.5	20.5	20.5	20.3	20.3	20.6	20.3	20.5	20.8	20.8	21.0	21.1
75	12.9	12.5	12.5	12.5	12.5	12.4	12.4	12.3	12.4	12.3	12.1	11.9	12.1	11.8	12.0	12.2	12.3	12.4	12.5
80	6.98	6.84	6.77	6.81	6.81	6.86	6.90	6.80	6.83	6.63	6.47	6.36	6.51	6.40	6.47	6.56	6.71	6.77	6.94
85	3.08	2.98	2.88	2.91	2.96	2.88	2.74	2.64	2.66	2.63	2.54	2.50	2.71	2.69	2.67	2.77	2.93	2.94	2.90
90	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02
95	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.02
100	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03
105	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04
110	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05
115	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.06	0.06	0.06	0.06	0.06	0.06	0.06
120	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.08	0.08	0.08	0.08
125	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.11	0.11	0.11	0.11	0.11	0.11	0.11
130	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15
135	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.20	0.20	0.20	0.20	0.20	0.20	0.20
140	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.26	0.26	0.26	0.26	0.26	0.26	0.26
145	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.34	0.34	0.34	0.34	0.34	0.34	0.34
150	0.25	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.25	0.25	0.42	0.42	0.42	0.42	0.42	0.42	0.42
155	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.48	0.48	0.48	0.48	0.48	0.48	0.48
160	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.53	0.53	0.53	0.53	0.53	0.53	0.53
165	0.36	0.36	0.36	0.36	0.37	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.55	0.55	0.55	0.55	0.55	0.55	0.54
170	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.52	0.53	0.53	0.52	0.52	0.52	0.52
175	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.49	0.50	0.49	0.50	0.49	0.49	0.49
180	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.46	0.46	0.46	0.46	0.46	0.46	0.46

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

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:

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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	577	575	575	575	575														
5	562	562	564	567	562														
10	532	533	532	531	531														
15	478	480	482	483	482														
20	411	413	412	412	413														
25	344	346	346	347	345														
30	281	281	279	281	279														
35	224	224	225	223	223														
40	176	177	176	174	175														
45	136	137	137	137	137														
50	103	103	102	102	103														
55	73.7	73.3	73.7	74.0	74.3														
60	51.0	50.6	50.9	50.5	50.6														
65	33.8	33.4	33.7	33.8	33.8														
70	21.5	21.3	21.5	21.6	21.6														
75	12.4	12.7	12.9	13.0	12.8														
80	6.84	7.02	7.01	6.99	6.90														
85	2.90	3.03	3.08	3.04	3.04														
90	0.02	0.02	0.02	0.02	0.02														
95	0.02	0.02	0.02	0.02	0.02														
100	0.03	0.03	0.03	0.03	0.03														
105	0.04	0.04	0.04	0.04	0.04														
110	0.05	0.05	0.05	0.05	0.05														
115	0.06	0.06	0.06	0.06	0.06														
120	0.08	0.08	0.08	0.08	0.08														
125	0.11	0.11	0.11	0.11	0.11														
130	0.15	0.15	0.15	0.15	0.15														
135	0.19	0.20	0.20	0.19	0.20														
140	0.26	0.26	0.26	0.26	0.26														
145	0.34	0.34	0.34	0.34	0.34														
150	0.42	0.42	0.42	0.42	0.42														
155	0.48	0.48	0.48	0.48	0.48														
160	0.53	0.53	0.53	0.53	0.53														
165	0.54	0.54	0.55	0.55	0.55														
170	0.52	0.52	0.52	0.52	0.52														
175	0.49	0.49	0.49	0.50	0.50														
180	0.46	0.46	0.46	0.46	0.46														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

Operators: Alan Wang

Test Date: 22 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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Humidity: 40.9%

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