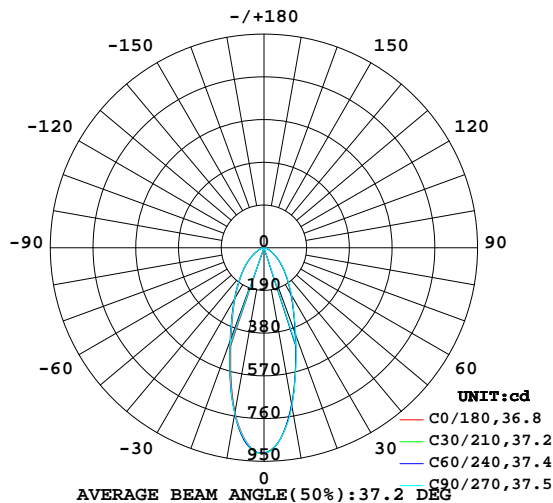


LUMINAIRE PHOTOMETRIC TEST REPORT

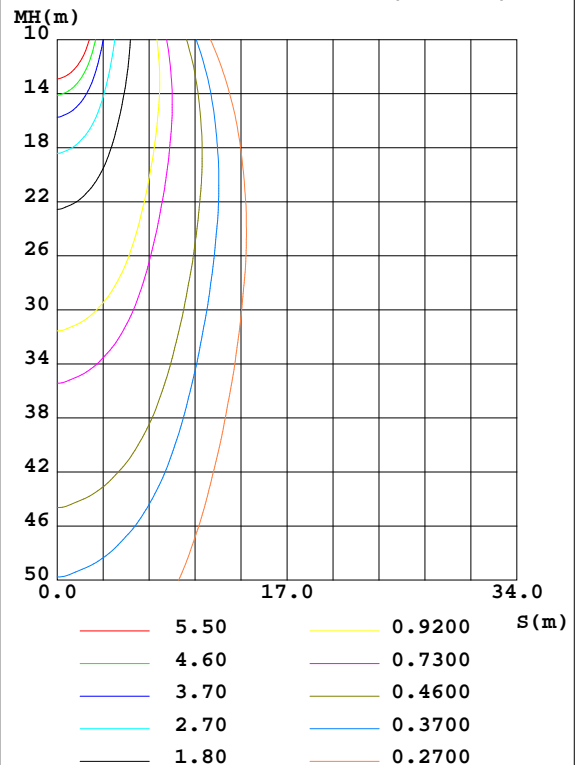
Test:U:120.0V I:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 136.91 lm/W			
MODEL	INDFPS010UNHD8SC2R3BZP	I _{max} (cd)	916.9	S/MH(C0/180)	0.60
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	698.23	η UP,DN(C0-180)	0.0,48.8
NOMINAL FLUX(lm)	698.23	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,51.1
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	0.70

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	713.8	707.5	714.9	724.1	742.3	750.3	748.1	729.9	0- 10	78.02	78.02	11.2,11.2
20	409.1	405.4	414.2	415.6	429.5	441.2	438.7	419.3	10- 20	156.1	234.1	33.5,33.5
30	244.2	239.3	245.1	249.4	257.9	261.7	261.0	250.9	20- 30	149.1	383.2	54.9,54.9
40	148.1	144.3	148.5	151.7	155.5	158.5	157.7	152.7	30- 40	123.0	506.2	72.5,72.5
50	85.46	82.31	84.20	87.14	89.76	91.41	91.48	87.77	40- 50	90.70	596.9	85.5,85.5
60	41.62	40.19	40.63	42.68	44.40	45.48	45.00	43.79	50- 60	56.52	653.4	93.6,93.6
70	17.72	17.08	17.40	18.30	19.21	19.71	19.31	18.63	60- 70	28.95	682.4	97.7,97.7
80	5.803	5.612	5.891	6.082	6.356	6.537	6.634	6.166	70- 80	12.06	694.5	99.5,99.5
90	0.0103	0.0101	0.0105	0.0097	0.0177	0.0377	0.0256	0.0168	80- 90	2.896	697.4	99.9,99.9
100	0.0152	0.0152	0.0161	0.0146	0.0288	0.0285	0.0289	0.0295	90-100	0.0190	697.4	99.9,99.9
110	0.0253	0.0269	0.0269	0.0253	0.0437	0.0428	0.0425	0.0441	100-110	0.0304	697.4	99.9,99.9
120	0.0484	0.0490	0.0494	0.0478	0.0684	0.0669	0.0672	0.0700	110-120	0.0444	697.4	99.9,99.9
130	0.0940	0.0959	0.0954	0.0918	0.1348	0.1324	0.1330	0.1366	120-130	0.0739	697.5	99.9,99.9
140	0.1732	0.1755	0.1757	0.1718	0.2622	0.2597	0.2627	0.2666	130-140	0.1240	697.6	99.9,99.9
150	0.2800	0.2819	0.2836	0.2783	0.4814	0.4776	0.4812	0.4875	140-150	0.1864	697.8	99.9,99.9
160	0.3675	0.3689	0.3729	0.3711	0.6346	0.6316	0.6325	0.6375	150-160	0.2073	698.0	100,100
170	0.3953	0.3987	0.4041	0.4012	0.6047	0.6036	0.6018	0.6014	160-170	0.1456	698.2	100,100
180	0.4864	0.4848	0.4853	0.4837	0.4829	0.4845	0.4834	0.4822	170-180	0.0466	698.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 555.8 lm

%lum = 79.6%

%lamp = 79.6%

Conical surface Flux(120deg): 653.44 lm

%lum = 93.6%

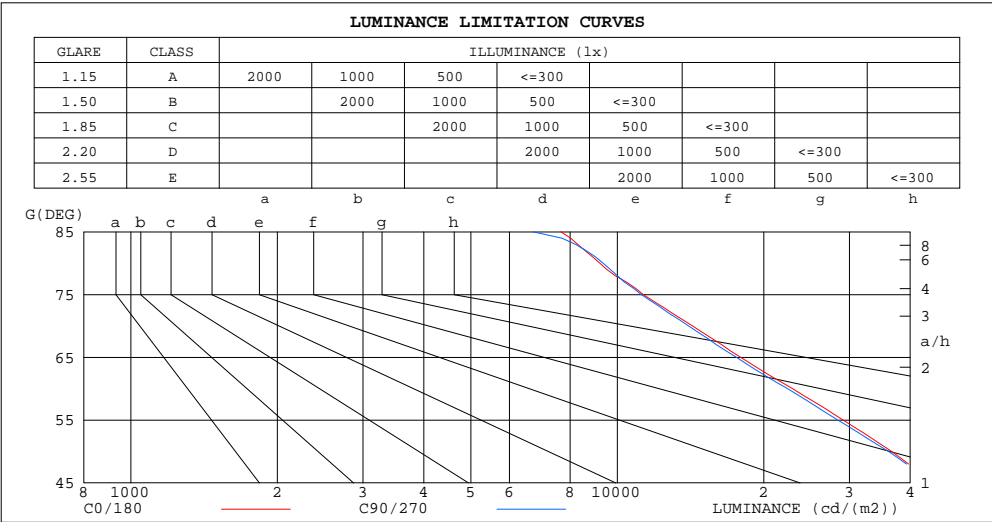
%lamp = 93.6%

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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 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	7655	6715
80	9207	9346
75	11306	11196
70	14275	14012
65	17919	17580
60	22929	22389
55	29114	28382
50	36629	36086
45	44344	44117

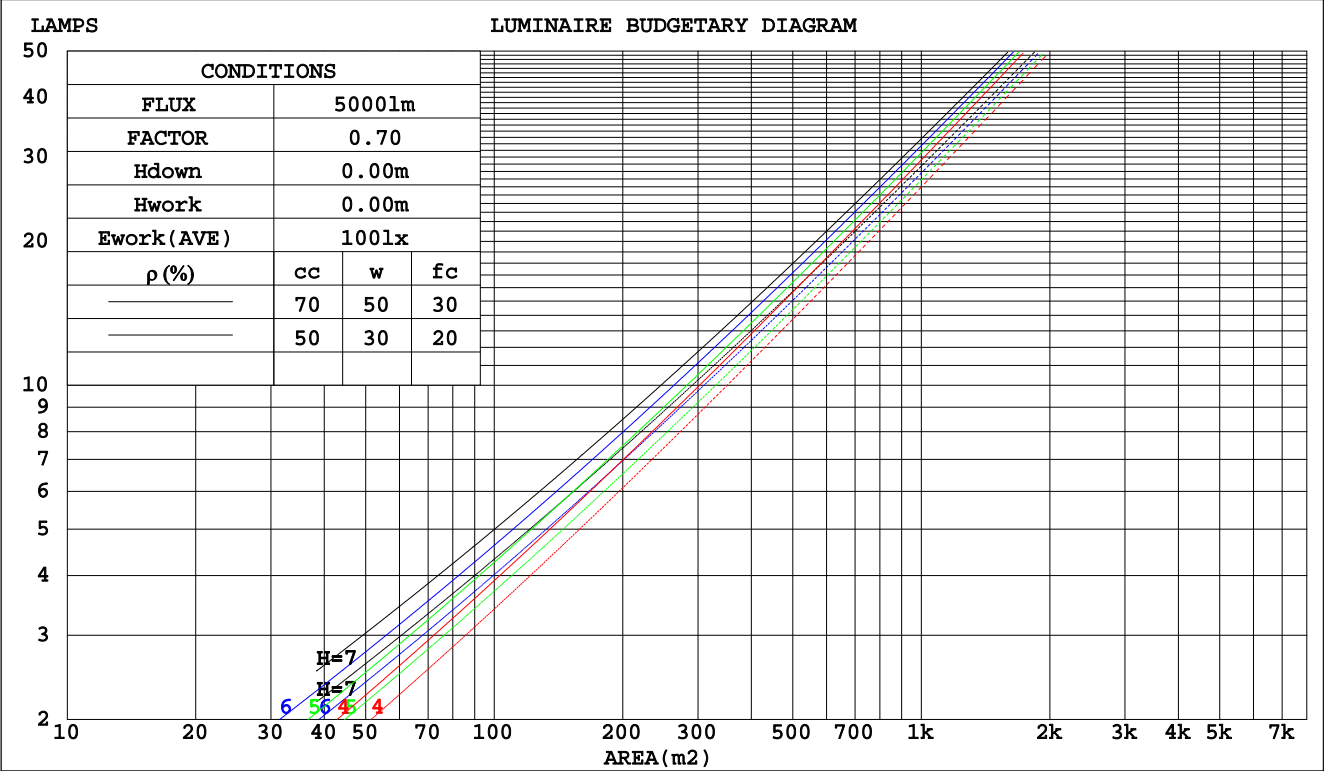
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:22 October 2024

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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 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	.217	.123	.039	.210	.120	.038	.197	.113	.036	.185	.107	.034	.174	.101	.033		
2.0	.208	.114	.035	.202	.111	.034	.191	.106	.033	.181	.101	.032	.171	.097	.031		
3.0	.197	.105	.031	.191	.103	.031	.182	.099	.030	.173	.095	.029	.165	.091	.028		
4.0	.185	.096	.028	.181	.095	.028	.172	.091	.027	.165	.088	.027	.158	.086	.026		
5.0	.174	.089	.026	.170	.088	.025	.163	.085	.025	.156	.083	.025	.150	.080	.024		
6.0	.164	.082	.024	.161	.081	.023	.155	.079	.023	.149	.077	.023	.143	.075	.022		
7.0	.155	.077	.022	.152	.076	.022	.147	.074	.021	.141	.072	.021	.136	.071	.021		
8.0	.147	.072	.020	.144	.071	.020	.139	.070	.020	.134	.068	.020	.130	.067	.019		
9.0	.139	.067	.019	.137	.067	.019	.132	.065	.019	.128	.064	.018	.124	.063	.018		
10.0	.133	.064	.018	.130	.063	.018	.126	.062	.017	.122	.061	.017	.119	.060	.017		

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	.175	.158	.143	.150	.136	.123	.102	.093	.085	.059	.054	.049	.019	.017	.016	
2.0	.162	.133	.109	.139	.115	.094	.095	.079	.066	.055	.046	.039	.018	.015	.013	
3.0	.151	.115	.086	.130	.099	.074	.089	.069	.052	.051	.040	.031	.017	.013	.010	
4.0	.142	.101	.069	.122	.087	.060	.084	.061	.042	.048	.035	.025	.016	.012	.008	
5.0	.134	.089	.056	.115	.077	.049	.079	.054	.035	.046	.032	.021	.015	.010	.007	
6.0	.127	.080	.047	.109	.070	.041	.075	.049	.029	.044	.029	.017	.014	.009	.006	
7.0	.120	.073	.040	.103	.063	.035	.071	.044	.025	.041	.026	.015	.013	.009	.005	
8.0	.114	.067	.035	.098	.058	.030	.068	.041	.021	.040	.024	.013	.013	.008	.004	
9.0	.109	.062	.030	.093	.054	.026	.065	.038	.019	.038	.022	.011	.012	.007	.004	
10.0	.104	.057	.027	.089	.050	.023	.062	.035	.017	.036	.021	.010	.012	.007	.003	

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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 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	22.6	23.8	22.9	23.9	24.1	22.6	23.7	22.8	23.9	24.1
3H	23.1	24.1	23.3	24.3	24.5	23.0	24.0	23.3	24.3	24.5
4H	23.2	24.2	23.5	24.4	24.6	23.1	24.1	23.4	24.3	24.6
6H	23.2	24.1	23.5	24.4	24.7	23.2	24.1	23.5	24.4	24.6
8H	23.2	24.1	23.5	24.4	24.7	23.2	24.1	23.5	24.3	24.6
12H	23.2	24.1	23.5	24.3	24.6	23.2	24.0	23.5	24.3	24.6
4H 2H	22.8	23.8	23.1	24.0	24.2	22.7	23.7	23.0	24.0	24.2
3H	23.3	24.2	23.7	24.5	24.8	23.3	24.1	23.6	24.4	24.7
4H	23.5	24.3	23.9	24.6	24.9	23.5	24.2	23.8	24.6	24.9
6H	23.6	24.3	24.0	24.7	25.0	23.6	24.3	24.0	24.6	25.0
8H	23.7	24.3	24.1	24.7	25.0	23.6	24.3	24.0	24.6	25.0
12H	23.7	24.2	24.1	24.6	25.0	23.6	24.2	24.1	24.6	25.0
8H 4H	23.5	24.2	23.9	24.5	24.9	23.5	24.1	23.9	24.5	24.8
6H	23.7	24.2	24.1	24.6	25.0	23.7	24.2	24.1	24.6	25.0
8H	23.8	24.2	24.2	24.6	25.1	23.7	24.2	24.2	24.6	25.1
12H	23.8	24.2	24.3	24.6	25.1	23.8	24.2	24.2	24.6	25.1
12H 4H	23.5	24.1	23.9	24.4	24.8	23.4	24.0	23.9	24.4	24.8
6H	23.7	24.1	24.1	24.6	25.0	23.7	24.1	24.1	24.5	25.0
8H	23.8	24.2	24.2	24.6	25.1	23.7	24.1	24.2	24.6	25.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.9					+ 0.7 / - 1.0				
1.5H	+ 0.5 / - 0.5					+ 0.6 / - 0.5				
2.0H	+ 1.5 / - 1.4					+ 1.6 / - 1.4				

CIE Pub.117, 698.2 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: 25.0DEG
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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

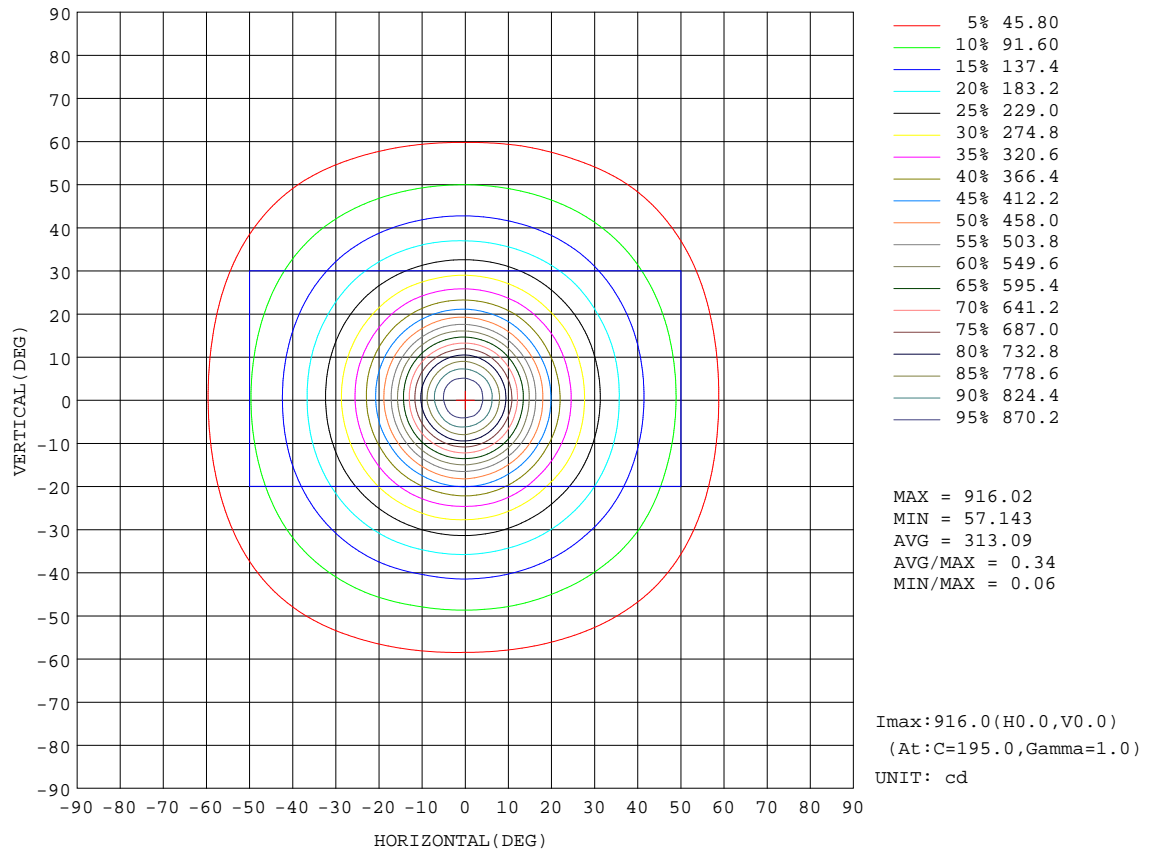
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	74	66	60	74	65	60	73	65	60	55
0.80	83	75	70	82	75	70	81	74	69	64
1.00	90	82	77	89	82	77	87	82	76	71
1.25	95	88	83	94	87	83	92	86	82	77
1.50	99	92	88	98	92	87	95	90	86	80
2.00	104	98	93	102	97	93	99	95	91	85
2.50	106	101	97	104	99	96	101	97	94	87
3.00	108	104	100	106	102	99	103	99	97	89
4.00	111	107	104	109	105	103	105	102	100	92
5.00	113	109	107	110	107	105	106	104	102	94
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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



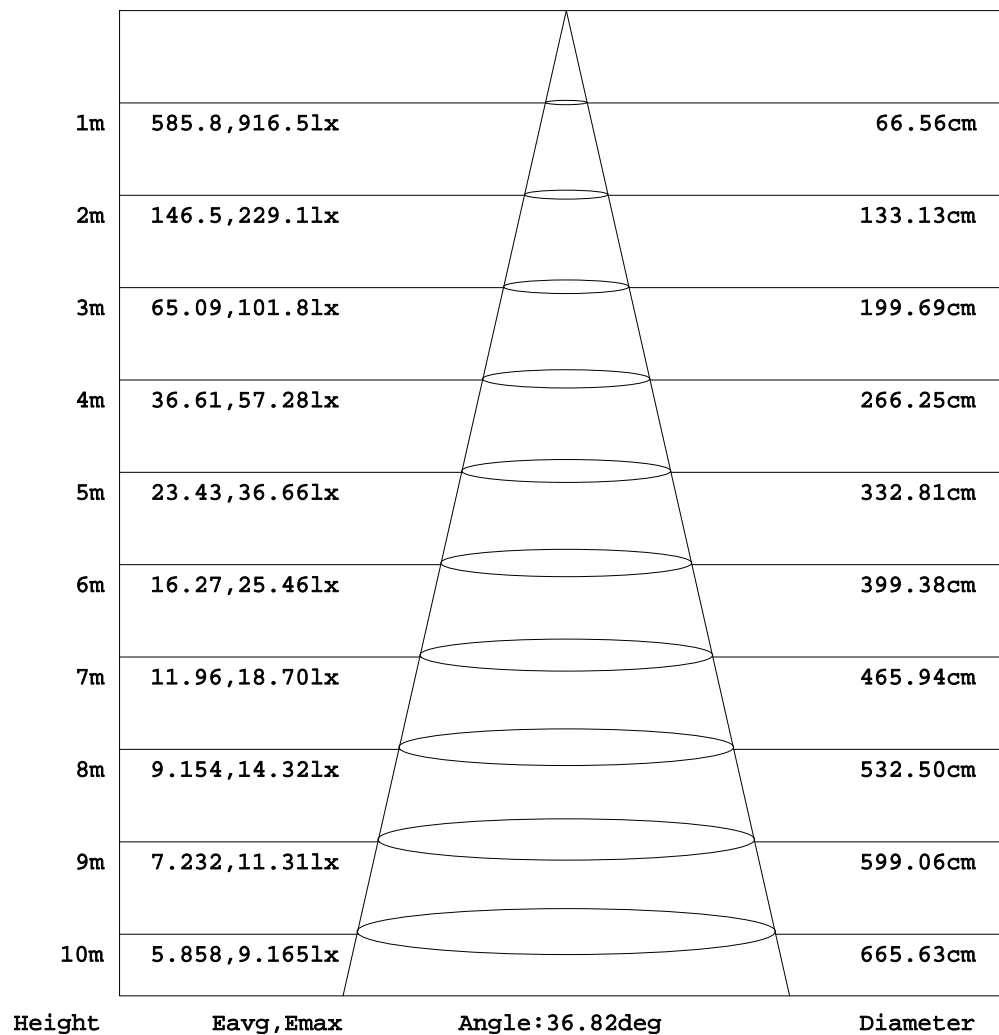
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 22 October 2024

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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:218.2 lm



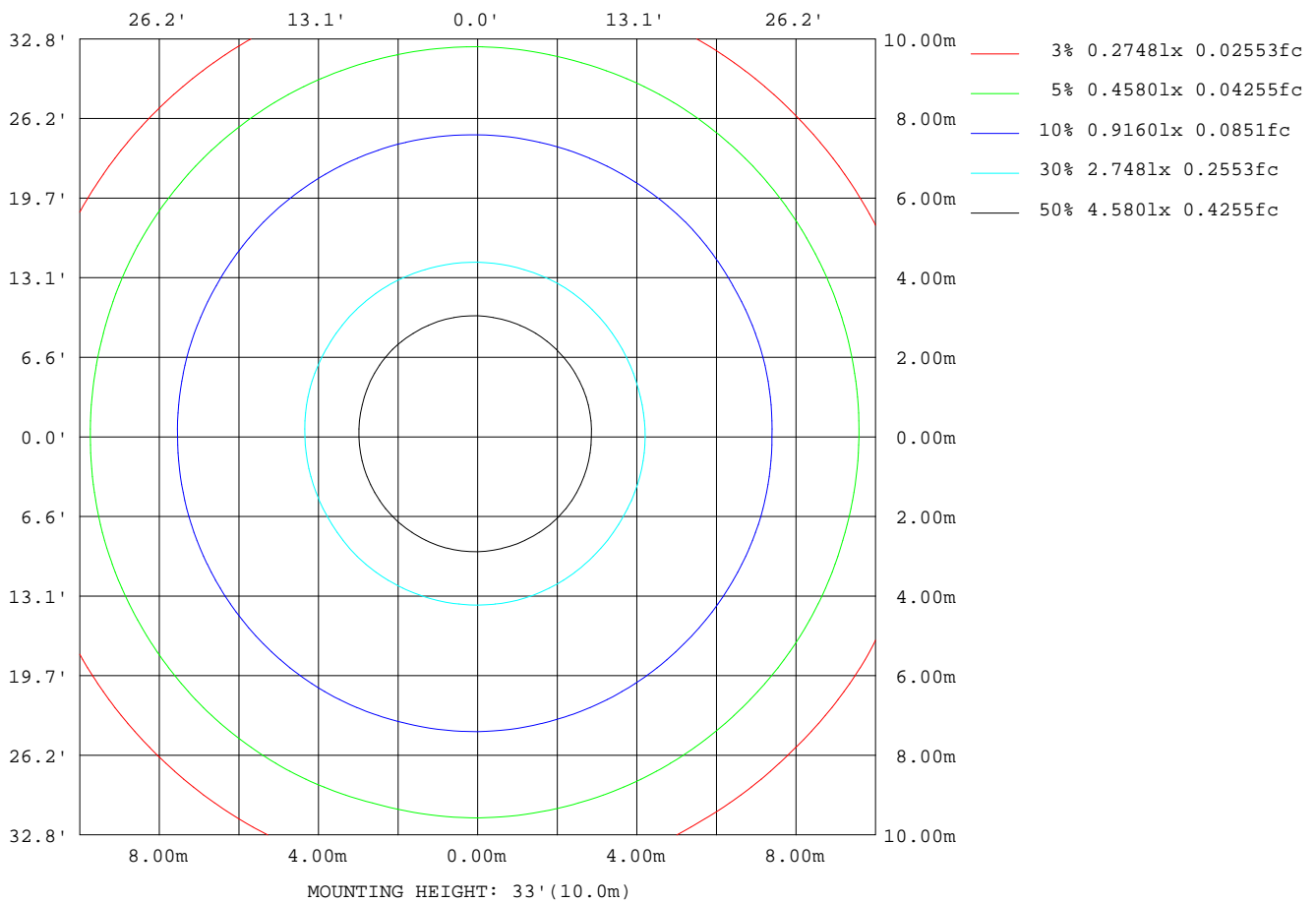
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date: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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

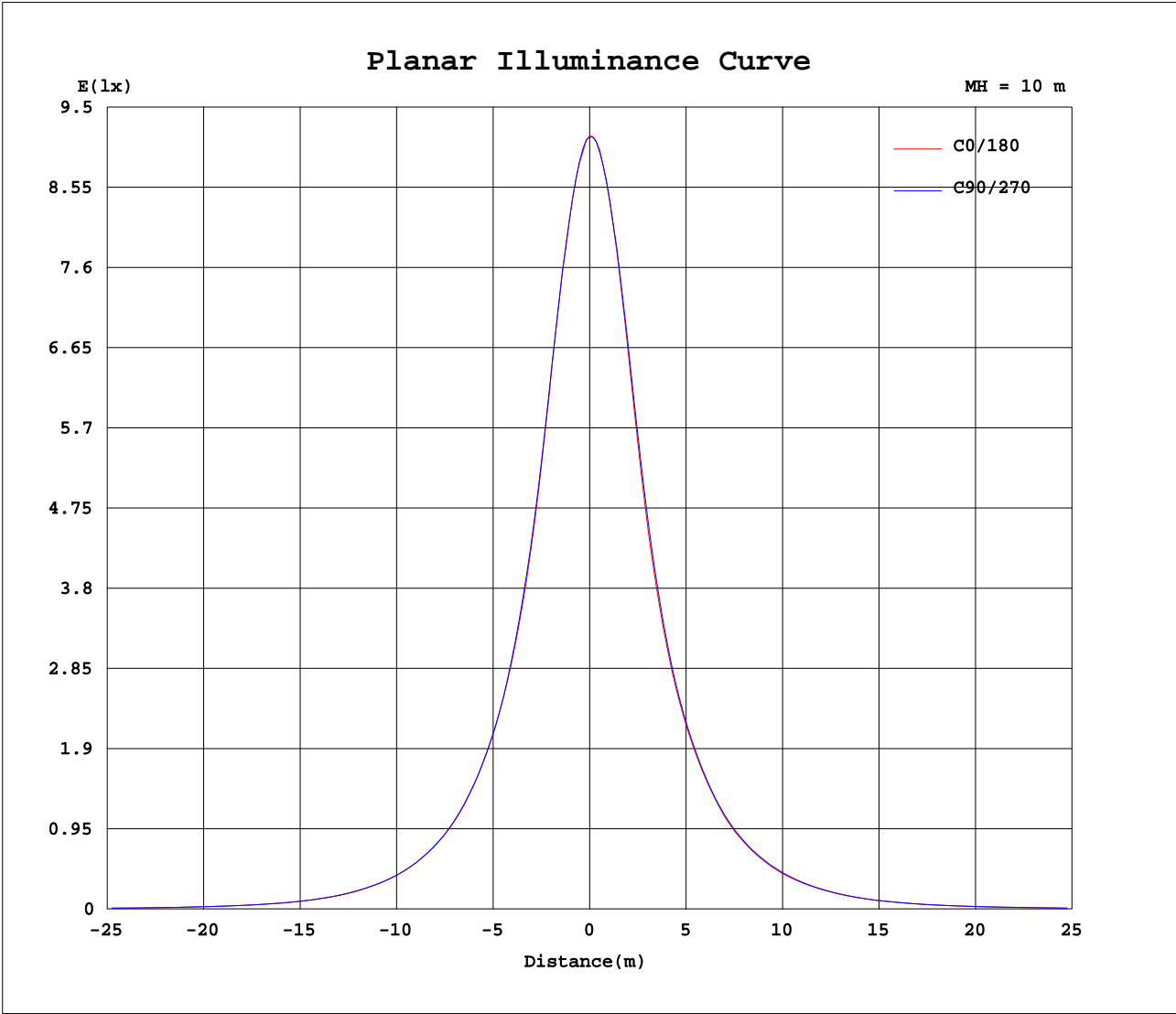
AvgL	cd/m2
L_0~180(65)av	18595
L_0~180(75)av	11787
L_0~180(85)av	8433
L_90~270(65)av	18538
L_90~270(75)av	11771
L_90~270(85)av	7986
L_45(65)av	18750
L_45(75)av	11807
L_45(85)av	8258

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:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 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	916	915	912	913	912	915	915	915	912	912	912	914	916	915	912	913	912	915	915
5	852	850	851	852	852	851	852	855	860	863	866	866	871	874	878	878	878	874	872
10	714	710	707	708	708	712	715	719	720	724	729	736	742	746	748	750	749	751	748
15	543	541	544	545	545	546	549	552	555	560	564	567	572	577	585	588	588	586	584
20	409	407	404	405	407	411	414	414	414	416	418	425	430	435	439	441	441	442	439
25	313	312	310	308	312	314	314	317	319	320	321	324	329	333	335	338	339	336	334
30	244	243	241	239	240	244	245	248	247	249	252	255	258	260	261	262	263	261	261
35	190	189	188	187	188	189	191	191	194	195	198	198	199	202	204	206	206	203	202
40	148	147	145	144	145	147	149	149	151	152	153	155	156	157	157	158	159	159	158
45	114	112	112	111	112	112	113	113	116	117	118	119	119	120	122	123	123	122	122
50	85.5	84.1	83.1	82.3	82.1	83.2	84.2	84.5	86.2	87.1	88.6	89.1	89.8	90.4	91.1	91.4	91.4	91.5	91.5
55	60.6	60.1	59.5	58.8	59.0	58.9	59.1	60.1	61.4	62.4	63.4	63.9	64.4	65.0	65.5	65.9	65.7	65.2	65.2
60	41.6	41.2	40.6	40.2	40.3	40.7	40.6	41.5	41.7	42.7	43.1	43.8	44.4	45.0	45.0	45.5	45.2	45.3	45.0
65	27.5	27.3	27.0	26.9	26.9	27.0	27.0	27.6	27.9	28.5	28.9	29.0	29.6	29.9	30.1	30.6	30.4	30.1	29.9
70	17.7	17.3	17.2	17.1	17.1	17.4	17.4	17.6	18.0	18.3	18.5	18.7	19.2	19.2	19.4	19.7	19.6	19.4	19.3
75	10.6	10.3	10.2	10.2	10.3	10.4	10.5	10.6	11.0	11.1	11.2	11.2	11.5	11.5	11.7	11.8	11.8	11.7	11.6
80	5.80	5.61	5.56	5.61	5.68	5.78	5.89	5.89	6.10	6.08	6.08	6.11	6.36	6.37	6.44	6.54	6.65	6.63	6.63
85	2.42	2.28	2.13	2.12	2.17	2.17	2.12	2.17	2.41	2.58	2.61	2.67	2.91	2.94	2.93	3.04	3.14	3.07	2.93
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	0.03	0.04	0.04	0.04	0.03
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	0.02	0.02
100	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	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	0.02	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	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04
115	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05
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	0.07	0.07	0.07	0.07	0.07	0.07	0.07
125	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.09	0.09	0.09	0.09	0.09	0.09	0.09
130	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.13	0.13	0.13	0.13	0.13	0.13	0.13
135	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.19	0.18	0.18	0.18	0.18	0.18	0.18
140	0.17	0.17	0.18	0.18	0.18	0.18	0.18	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	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.37	0.37	0.37	0.37	0.37	0.37
150	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.48	0.48	0.48	0.48	0.48	0.48	0.48
155	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.57	0.57	0.57	0.57	0.57	0.57	0.57
160	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.63	0.64	0.63	0.63	0.63	0.63	0.63
165	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.65	0.65	0.65	0.65	0.65	0.65	0.64
170	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.60	0.61	0.60	0.60	0.60	0.60	0.60
175	0.42	0.42	0.42	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.42	0.42	0.54	0.55	0.55	0.55	0.55	0.54	0.54
180	0.49	0.49	0.49	0.48	0.49	0.49	0.49	0.49	0.48	0.48	0.48	0.48	0.48	0.49	0.48	0.48	0.48	0.48	0.48

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:

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Test:U:120.0V I:0.0428A P:5.10W PF:0.9932 Freq:60.00Hz Lamp Flux:698.23x1 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	915	912	912	912	914														
5	868	867	864	861	855														
10	744	737	730	723	719														
15	577	573	565	558	551														
20	433	427	419	414	412														
25	331	329	323	320	315														
30	259	255	251	249	247														
35	200	199	197	194	192														
40	156	155	153	150	150														
45	120	120	118	117	115														
50	90.5	89.1	87.8	86.8	86.5														
55	65.0	64.1	63.2	62.5	61.7														
60	45.3	44.0	43.8	42.7	42.4														
65	30.1	29.4	29.1	28.6	28.2														
70	19.3	18.8	18.6	18.4	18.1														
75	11.4	11.3	11.2	11.0	10.7														
80	6.40	6.36	6.17	5.96	5.78														
85	2.78	2.80	2.71	2.52	2.40														
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	0.04	0.04	0.04	0.04	0.05														
115	0.05	0.05	0.05	0.05	0.06														
120	0.07	0.07	0.07	0.07	0.07														
125	0.09	0.10	0.10	0.10	0.10														
130	0.13	0.14	0.14	0.14	0.14														
135	0.19	0.19	0.19	0.19	0.19														
140	0.26	0.27	0.27	0.27	0.27														
145	0.37	0.38	0.38	0.38	0.38														
150	0.48	0.48	0.49	0.49	0.49														
155	0.57	0.57	0.58	0.58	0.58														
160	0.63	0.64	0.64	0.64	0.64														
165	0.64	0.65	0.65	0.65	0.65														
170	0.60	0.60	0.60	0.60	0.60														
175	0.54	0.54	0.55	0.55	0.55														
180	0.48	0.48	0.48	0.48	0.48														

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: