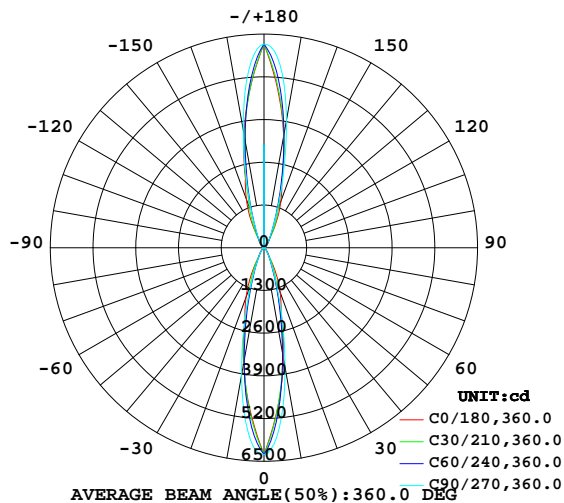


LUMINAIRE PHOTOMETRIC TEST REPORT

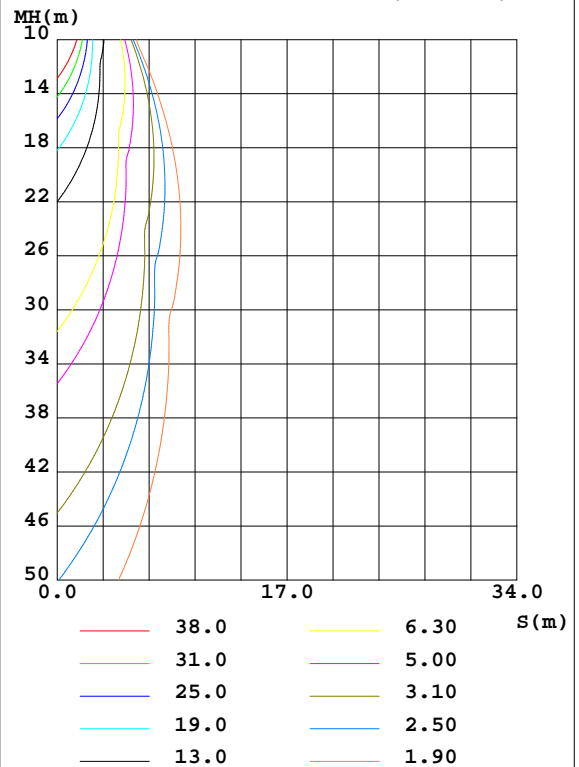
Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.60 lm/W			
MODEL	INDEPS030UNHD8SC2R6BZP	I _{max} (cd)	6289	S/MH(C0/180)	0.39
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	3334.9	η UP,DN(C0-180)	26.0,23.8
NOMINAL FLUX(lm)	3334.95	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.0,25.2
LAMPS INSIDE	1	η up(%)	50.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	49.1	CIBSE SHR MAX	1.00

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: 17 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
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	3434	3255	3702	3384	3588	3479	3934	3449	0- 10	432.7	432.7	13,13
20	1439	931.0	978.4	1080	1597	1071	1107	1099	10- 20	570.9	1004	30.1,30.1
30	305.4	318.3	290.3	356.4	315.8	365.2	337.8	383.1	20- 30	307.9	1311	39.3,39.3
40	165.9	124.3	125.1	133.3	170.5	139.7	143.5	144.8	30- 40	136.0	1447	43.4,43.4
50	78.46	72.12	70.30	75.16	79.84	78.11	75.54	78.66	40- 50	80.02	1527	45.8,45.8
60	43.00	42.61	42.67	44.67	43.96	45.06	44.28	45.14	50- 60	52.15	1580	47.4,47.4
70	24.98	23.30	24.06	25.31	26.02	25.07	24.54	24.73	60- 70	33.48	1613	48.4,48.4
80	10.69	8.798	9.491	10.82	11.39	9.875	9.496	9.850	70- 80	17.99	1631	48.9,48.9
90	0.1379	0.1697	0.2013	0.1242	0.0863	0.1465	0.0692	0.1534	80- 90	4.881	1636	49.1,49.1
100	12.33	11.50	11.50	11.42	12.74	11.37	10.08	9.804	90-100	5.422	1641	49.2,49.2
110	28.58	28.50	28.39	28.23	29.16	27.59	26.40	26.39	100-110	20.26	1662	49.8,49.8
120	48.87	50.92	49.84	50.54	49.36	50.12	47.97	48.72	110-120	37.72	1699	51,51
130	90.16	88.84	84.31	86.80	91.14	87.58	81.87	84.11	120-130	59.21	1759	52.7,52.7
140	191.1	163.2	159.7	157.5	194.8	159.5	152.7	150.9	130-140	92.19	1851	55.5,55.5
150	351.6	413.3	368.0	390.2	360.4	400.8	345.9	367.2	140-150	156.6	2007	60.2,60.2
160	1511	1143	1115	1068	1580	1103	1019	974.9	150-160	324.6	2332	69.9,69.9
170	3460	3487	3953	3463	3526	3344	3668	3253	160-170	573.7	2906	87.1,87.1
180	6199	6199	6199	6199	6199	6199	6199	6199	170-180	429.3	3335	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1492.5 lm

%lum = 44.8%

%lamp = 44.8%

Conical surface Flux(120deg): 1579.6 lm

%lum = 47.4%

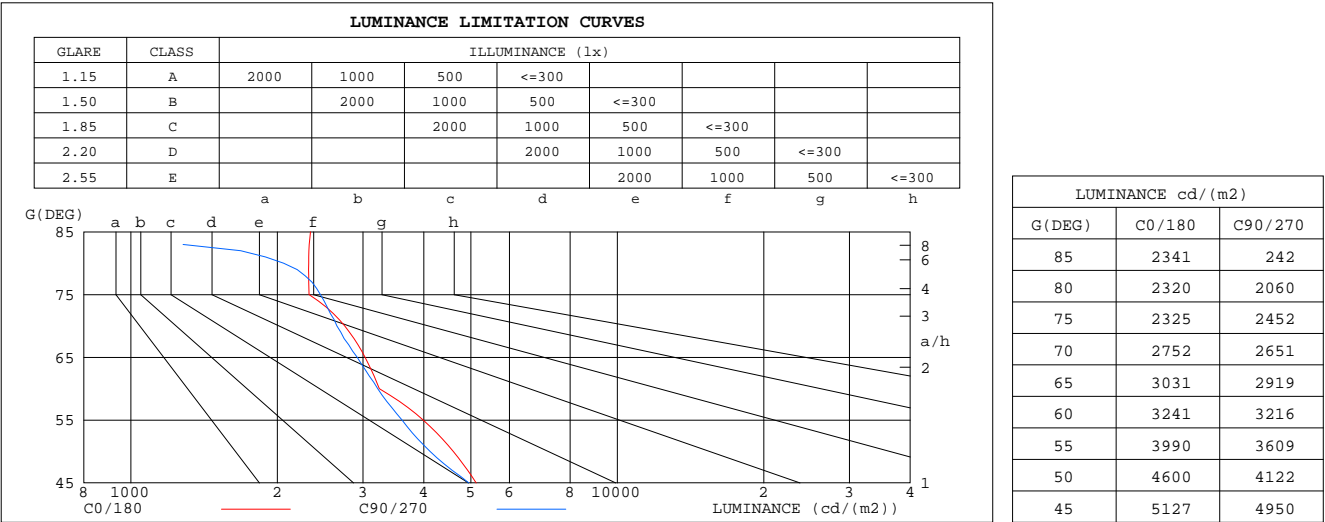
%lamp = 47.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Alan Wang
 Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



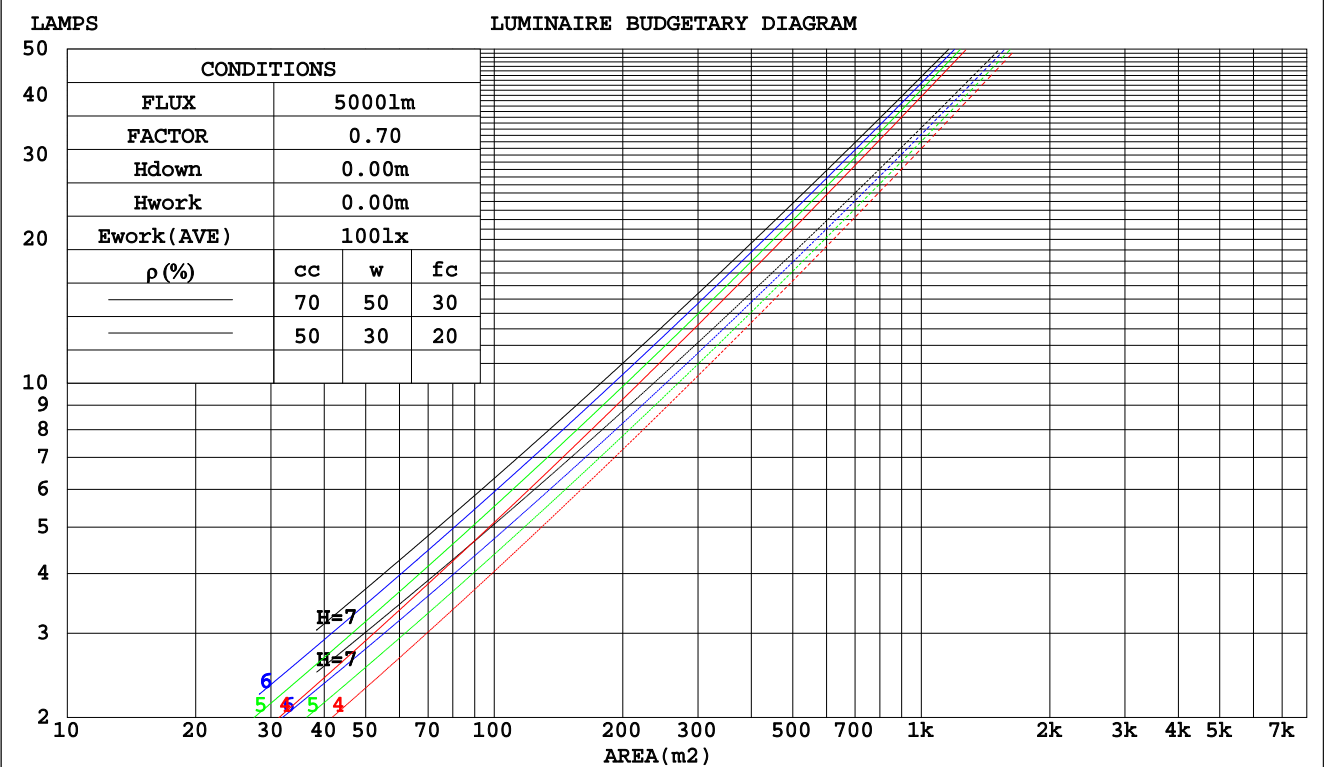
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 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: 17 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 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	.215	.122	.039	.193	.110	.035	.151	.087	.028	.113	.065	.021	.078	.045	.015	
2.0	.199	.109	.033	.179	.099	.030	.142	.079	.024	.107	.060	.019	.075	.042	.013	
3.0	.185	.098	.029	.167	.089	.027	.132	.072	.022	.101	.055	.017	.071	.039	.012	
4.0	.172	.089	.026	.155	.081	.024	.124	.066	.020	.095	.051	.015	.068	.037	.011	
5.0	.161	.082	.024	.145	.075	.022	.117	.061	.018	.090	.047	.014	.065	.035	.010	
6.0	.150	.075	.022	.136	.069	.020	.110	.056	.016	.085	.044	.013	.062	.032	.010	
7.0	.141	.070	.020	.128	.064	.018	.104	.052	.015	.081	.041	.012	.059	.031	.009	
8.0	.133	.065	.018	.121	.060	.017	.098	.049	.014	.077	.039	.011	.056	.029	.008	
9.0	.126	.061	.017	.115	.056	.016	.093	.046	.013	.073	.037	.010	.054	.027	.008	
10.0	.119	.057	.016	.109	.052	.015	.089	.043	.012	.070	.035	.010	.052	.026	.007	

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	.579	.579	.579	.495	.495	.495	.338	.338	.338	.194	.194	.194	.062	.062	.062		
1.0	.565	.548	.533	.484	.471	.459	.331	.324	.317	.190	.187	.185	.061	.060	.060		
2.0	.554	.526	.503	.474	.453	.435	.325	.313	.303	.187	.182	.178	.060	.059	.058		
3.0	.544	.510	.482	.467	.440	.418	.320	.306	.293	.185	.178	.173	.059	.058	.057		
4.0	.536	.497	.468	.460	.430	.406	.316	.299	.286	.183	.175	.169	.059	.057	.056		
5.0	.528	.487	.457	.454	.421	.397	.312	.294	.281	.181	.173	.166	.058	.056	.055		
6.0	.521	.479	.449	.448	.415	.391	.309	.290	.276	.179	.171	.164	.058	.056	.054		
7.0	.515	.472	.442	.443	.409	.386	.306	.287	.273	.178	.169	.163	.057	.055	.054		
8.0	.509	.467	.438	.439	.405	.382	.303	.284	.271	.177	.168	.161	.057	.055	.053		
9.0	.504	.462	.434	.434	.401	.378	.301	.282	.269	.175	.167	.160	.057	.055	.053		
10.0	.500	.458	.431	.431	.398	.376	.299	.280	.267	.174	.166	.159	.057	.054	.053		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 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	9.4	10.1	10.3	10.9	11.9	8.8	9.5	9.7	10.3	11.4
3H	10.1	10.8	11.0	11.6	12.7	9.6	10.2	10.5	11.1	12.2
4H	10.4	11.0	11.3	11.8	12.9	9.9	10.5	10.8	11.4	12.5
6H	10.6	11.1	11.5	12.0	13.1	10.1	10.7	11.0	11.5	12.7
8H	10.6	11.2	11.6	12.1	13.2	10.1	10.6	11.1	11.5	12.7
12H	10.7	11.2	11.6	12.1	13.2	10.1	10.5	11.0	11.5	12.6
4H 2H	9.5	10.1	10.4	10.9	12.0	9.0	9.6	9.9	10.4	11.5
3H	10.4	10.9	11.3	11.8	12.9	9.9	10.4	10.9	11.3	12.5
4H	10.7	11.2	11.7	12.1	13.3	10.3	10.8	11.3	11.7	12.9
6H	11.0	11.4	12.0	12.3	13.6	10.6	11.0	11.6	11.9	13.2
8H	11.1	11.5	12.1	12.4	13.7	10.6	11.0	11.6	11.9	13.2
12H	11.2	11.5	12.2	12.5	13.8	10.5	10.9	11.5	11.8	13.1
8H 4H	10.7	11.0	11.7	12.0	13.3	10.3	10.7	11.3	11.6	12.9
6H	11.1	11.4	12.1	12.4	13.7	10.6	10.9	11.7	11.9	13.2
8H	11.3	11.5	12.3	12.5	13.9	10.7	11.0	11.7	12.0	13.3
12H	11.5	11.7	12.5	12.7	14.0	10.6	10.9	11.7	11.9	13.2
12H 4H	10.6	10.9	11.6	11.9	13.2	10.3	10.6	11.3	11.6	12.8
6H	11.0	11.3	12.1	12.3	13.6	10.6	10.9	11.7	11.9	13.2
8H	11.3	11.5	12.3	12.5	13.9	10.7	10.9	11.7	11.9	13.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 1.1 / - 0.4					+ 0.5 / - 0.3				
2.0H	+ 0.6 / - 0.6					+ 0.7 / - 0.5				

CIE Pub.117, 3335 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.2$)
Area: 0.026533 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

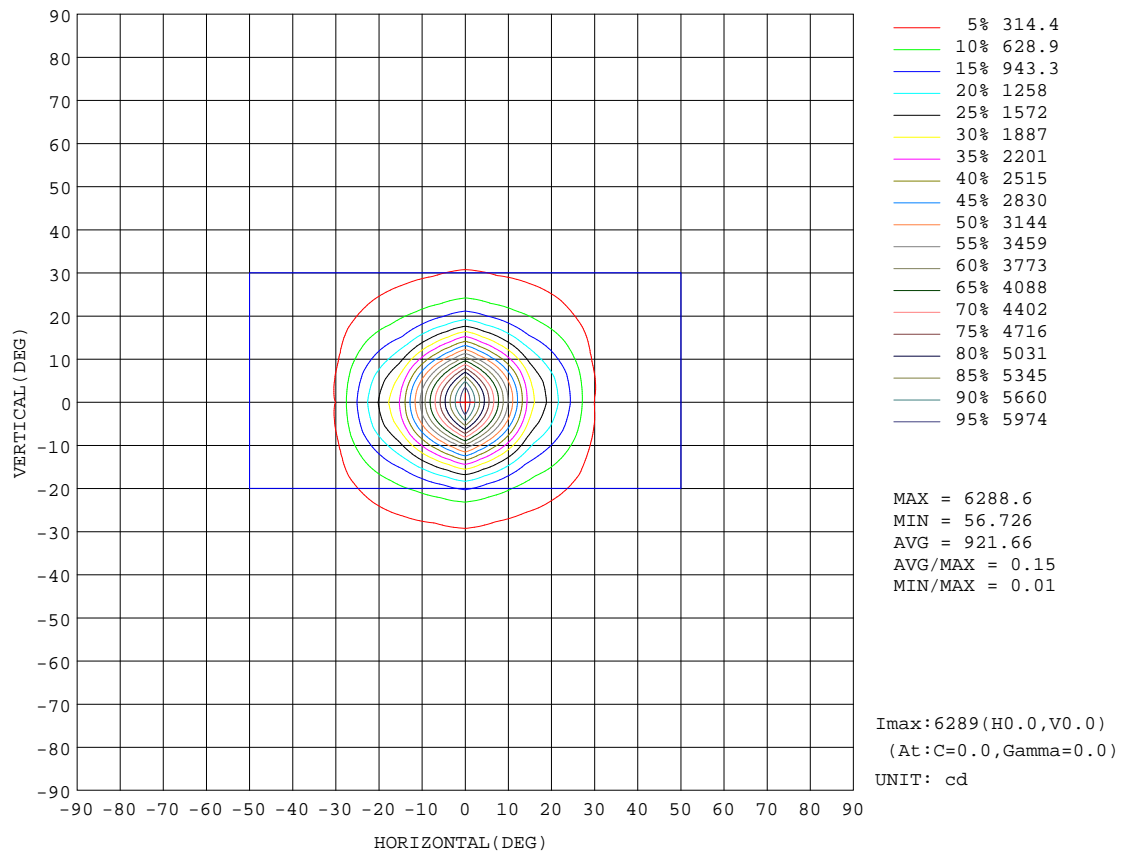
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	49	44	55	47	43	50	44	41	34
0.80	66	57	52	62	55	50	56	50	47	38
1.00	72	63	57	68	60	55	60	55	51	40
1.25	77	69	63	72	65	61	64	59	55	42
1.50	81	73	68	76	69	65	67	62	59	44
2.00	87	79	74	81	75	70	70	66	63	45
2.50	90	84	79	84	78	74	72	69	66	45
3.00	93	87	82	86	81	77	74	71	68	46
4.00	96	91	88	89	85	82	76	74	71	47
5.00	98	94	91	91	88	85	77	75	74	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: 25.1DEG
 Operators: Alan Wang
 Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

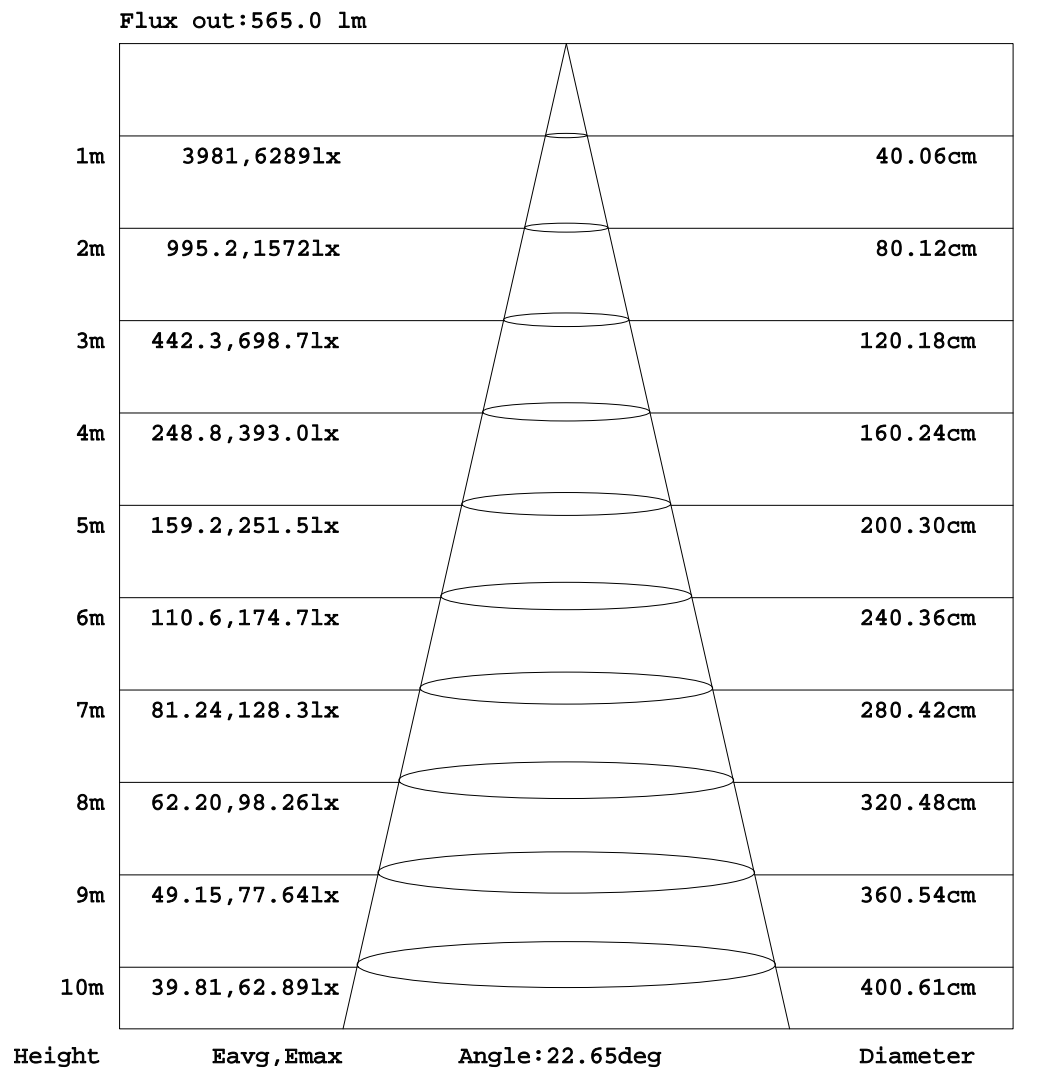


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

AAI Figure

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



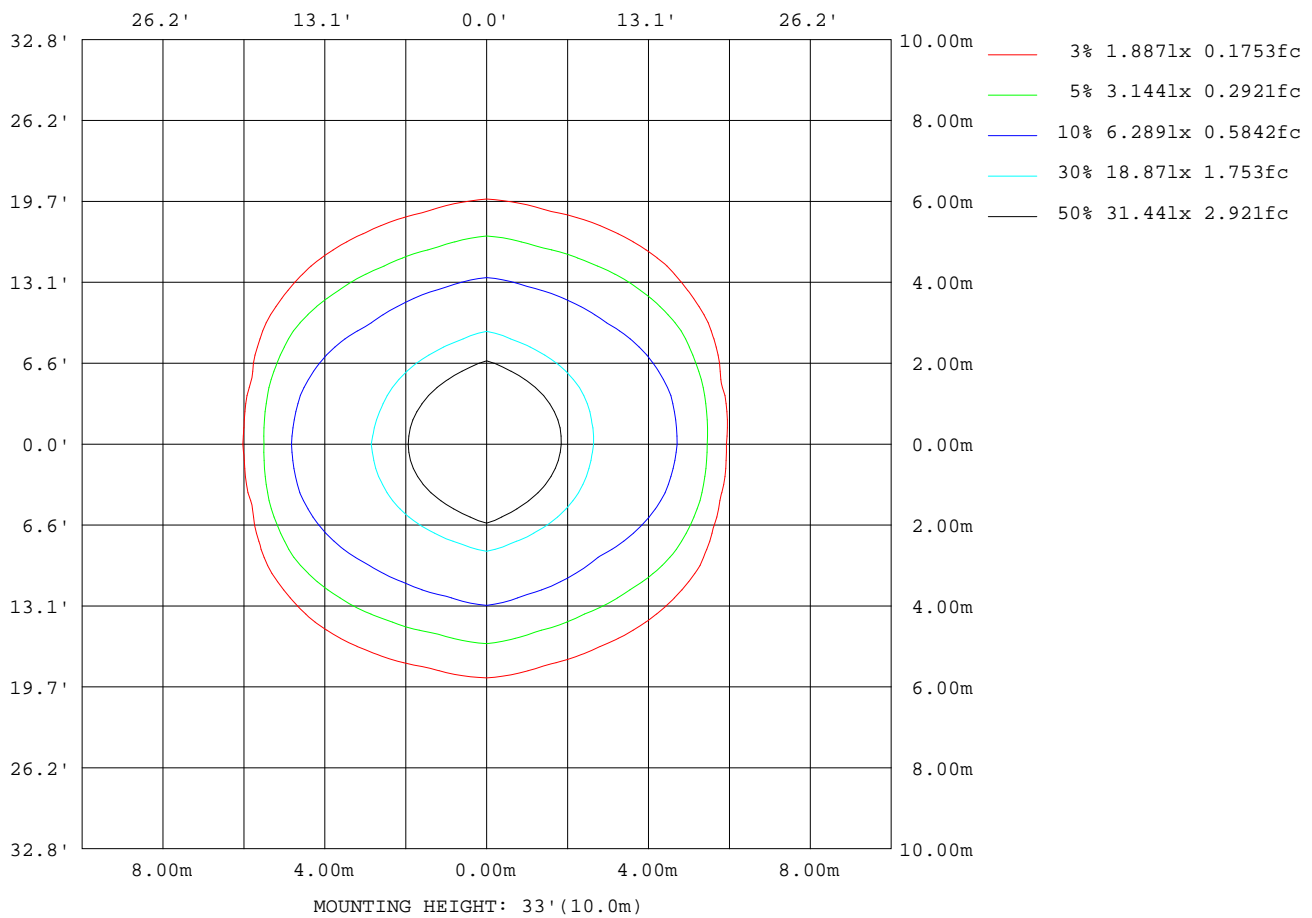
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators:Alan Wang
 Test Date:17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance:2.500m [K=1.0461]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 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: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.3%
 Test Distance: 2.500m [K=1.0461]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

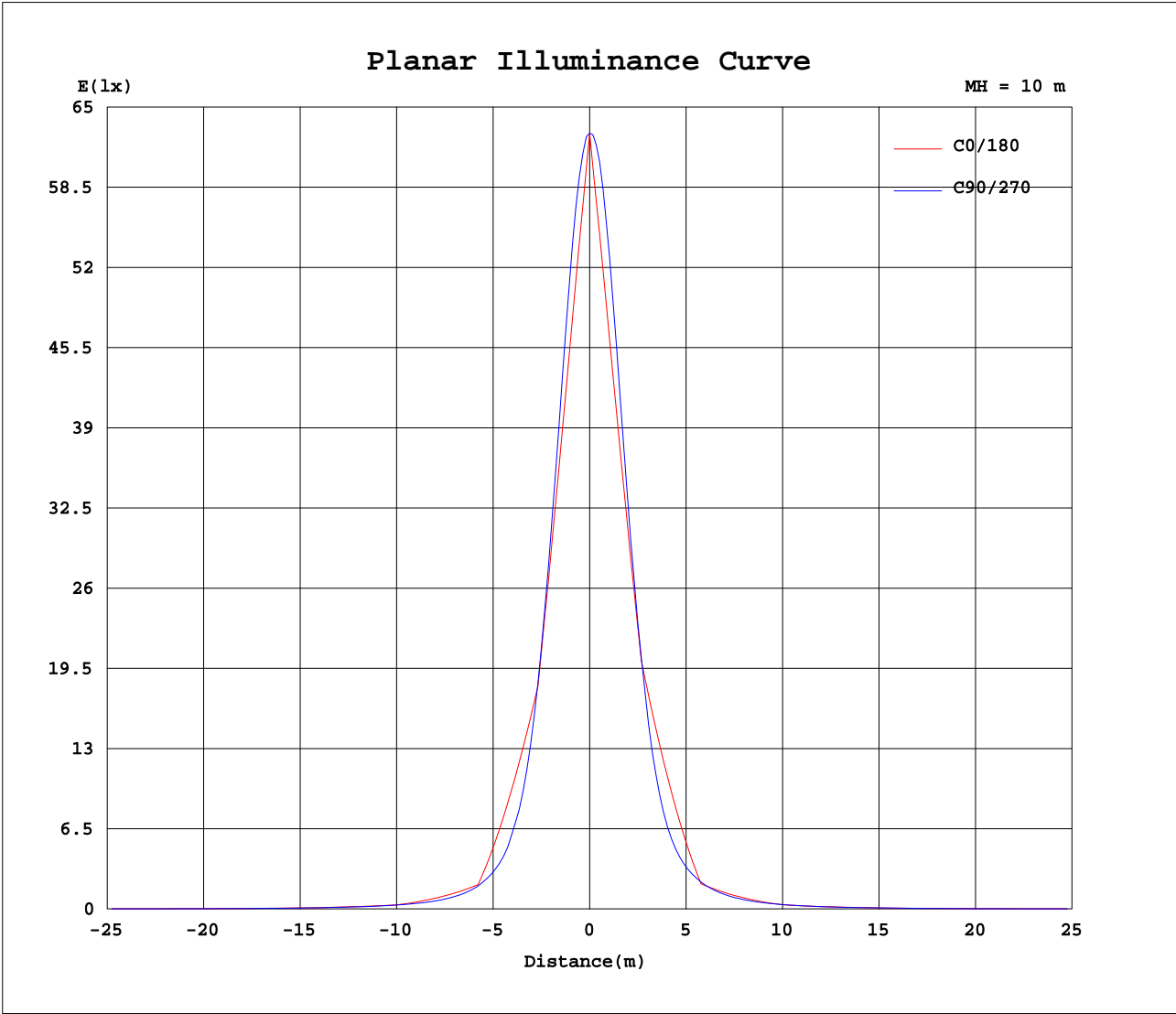
AvgL	cd/m2
L_0~180(65)av	3076
L_0~180(75)av	2403
L_0~180(85)av	2411
L_90~270(65)av	2964
L_90~270(75)av	2443
L_90~270(85)av	390
L_45(65)av	3000
L_45(75)av	2466
L_45(85)av	2132

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Alan Wang
Test Date: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
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: 17 October 2024

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.3%
Test Distance: 2.500m [K=1.0461]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 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	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289	6289
5	4861	4855	4856	4904	5009	5192	5471	5217	5056	4970	4936	4938	4938	4954	4991	5054	5161	5341	5614
10	3434	3377	3313	3255	3255	3385	3702	3426	3339	3384	3477	3555	3588	3571	3513	3479	3486	3615	3934
15	2006	1955	1913	1851	1798	1831	2033	1870	1890	2006	2147	2229	2238	2204	2154	2059	1994	2032	2270
20	1439	1311	1096	931	900	886	978	914	975	1080	1290	1515	1597	1488	1275	1071	1024	1007	1107
25	872	797	661	534	475	457	500	473	523	620	771	911	957	902	766	613	544	524	569
30	305	346	360	318	285	271	290	279	309	356	405	375	316	379	409	365	330	315	338
35	236	220	190	194	184	174	184	179	195	210	203	231	243	236	212	221	214	203	216
40	166	158	141	124	126	121	125	125	132	133	150	165	170	169	156	140	144	139	143
45	96.2	99.9	101	94.9	91.0	91.4	92.9	93.8	95.4	100	106	103	97.8	105	110	105	101	101	102
50	78.5	75.6	71.4	72.1	69.3	69.1	70.3	71.2	72.1	75.2	73.3	77.3	79.8	78.9	75.6	78.1	74.9	74.8	75.5
55	60.7	59.3	57.1	54.2	54.0	53.5	54.9	55.0	56.3	56.2	58.9	60.7	61.9	61.9	60.4	57.4	57.6	56.6	57.5
60	43.0	43.5	43.7	42.6	42.0	41.7	42.7	42.8	43.7	44.7	45.4	44.6	44.0	45.2	46.1	45.1	44.2	43.5	44.3
65	34.0	33.5	32.4	32.2	32.0	32.2	32.7	33.0	33.4	34.1	34.2	34.7	35.0	34.9	34.1	34.3	33.7	32.9	33.7
70	25.0	24.7	24.2	23.3	22.9	23.3	24.1	24.5	25.2	25.3	26.2	26.2	26.0	26.0	25.7	25.1	24.3	23.1	24.5
75	16.0	16.0	16.1	15.7	14.9	15.8	16.8	17.7	17.6	17.9	18.4	17.7	17.0	17.2	17.5	17.2	15.9	14.5	16.7
80	10.7	10.5	9.93	8.80	7.53	8.70	9.49	9.45	9.16	10.8	11.8	11.7	11.4	11.3	11.0	9.87	8.33	6.29	9.50
85	5.41	5.30	5.02	4.42	2.63	1.42	0.56	1.54	3.28	5.40	5.93	5.88	5.74	5.70	5.52	4.96	3.08	0.79	1.25
90	0.14	0.13	0.14	0.17	0.20	0.21	0.20	0.18	0.16	0.12	0.10	0.09	0.09	0.09	0.11	0.15	0.19	0.24	0.07
95	6.24	6.40	6.41	5.77	3.78	1.85	1.74	2.22	4.18	5.71	6.26	6.35	6.41	6.45	6.41	5.68	3.51	1.62	0.77
100	12.3	12.7	12.7	11.5	10.2	10.8	11.5	11.2	10.4	11.4	12.5	12.6	12.7	12.8	12.7	11.4	9.67	9.97	10.1
105	18.4	19.3	20.0	19.7	19.6	19.8	19.9	19.4	18.9	19.5	19.8	19.2	19.1	19.5	20.0	19.2	18.7	18.6	18.1
110	28.6	28.9	28.9	28.5	28.6	28.3	28.4	28.0	27.9	28.2	28.9	29.1	29.2	29.2	28.8	27.6	27.3	26.6	26.4
115	38.7	38.6	38.1	38.8	38.5	38.3	38.2	38.0	38.0	38.4	38.2	39.1	39.3	38.9	37.8	37.8	37.1	36.6	36.3
120	48.9	50.1	51.6	50.9	50.3	49.8	49.8	49.1	49.8	50.5	51.5	50.7	49.4	50.4	51.1	50.1	49.1	48.1	48.0
125	69.5	69.7	67.9	64.7	65.6	64.5	64.5	63.2	64.3	64.0	67.2	69.5	70.3	69.9	67.4	63.8	64.3	62.8	62.6
130	90.2	89.7	85.5	88.8	85.5	84.7	84.3	83.2	83.2	86.8	84.2	88.9	91.1	89.8	84.9	87.6	84.0	82.5	81.9
135	111	120	127	121	116	114	114	112	113	117	125	119	112	120	125	119	113	111	110
140	191	191	182	163	166	158	160	155	161	158	179	192	195	193	179	160	159	151	153
145	271	266	245	255	245	231	239	229	240	245	244	270	278	268	242	247	235	218	224
150	352	414	454	413	376	349	368	345	362	390	436	416	360	415	445	401	359	330	346
155	931	923	819	680	598	560	591	549	567	631	774	916	970	928	800	662	575	527	557
160	1511	1481	1322	1143	1075	1034	1115	1017	1031	1068	1260	1475	1580	1502	1300	1103	1009	954	1019
165	2090	2156	2172	2101	2023	2040	2255	2019	1981	2046	2124	2158	2190	2184	2119	2001	1884	1869	2029
170	3460	3492	3490	3487	3510	3638	3953	3625	3487	3463	3484	3507	3526	3493	3427	3344	3307	3396	3668
175	4830	4855	4911	4997	5124	5316	5593	5315	5124	4998	4919	4874	4863	4855	4862	4898	4987	5151	5405
180	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199	6199

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

Operators: Alan Wang

Test Date: 17 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 40.3%

Test Distance: 2.500m [K=1.0461]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1981A P:23.72W PF:0.9977 Freq:60.00Hz Lamp Flux:3334.95x1 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	6289	6289	6289	6289	6289													
5	5331	5139	5018	4941	4888													
10	3612	3475	3449	3452	3461													
15	2040	2004	2054	2107	2065													
20	1019	1051	1099	1261	1413													
25	532	566	646	770	872													
30	320	345	383	417	371													
35	206	221	230	216	233													
40	142	147	145	160	167													
45	103	104	107	112	105													
50	76.2	76.3	78.7	75.0	78.5													
55	57.4	58.4	57.4	59.7	61.2													
60	44.3	44.6	45.1	45.5	44.2													
65	34.4	33.8	34.0	33.6	34.0													
70	26.0	25.1	24.7	25.4	25.3													
75	19.1	17.3	17.0	17.4	16.7													
80	12.4	9.39	9.85	11.0	10.9													
85	5.11	3.78	4.93	5.53	5.54													
90	0.23	0.19	0.15	0.13	0.13													
95	1.43	2.89	4.91	5.75	6.08													
100	9.10	8.36	9.80	11.4	12.0													
105	17.3	16.7	17.7	18.4	18.4													
110	25.8	25.8	26.4	27.6	28.3													
115	36.0	36.0	36.7	37.0	38.2													
120	47.2	47.7	48.7	50.1	49.6													
125	61.3	62.2	62.1	65.6	68.1													
130	80.8	80.8	84.1	82.1	87.0													
135	109	109	113	120	116													
140	147	152	151	171	186													
145	213	225	233	232	260													
150	324	340	367	407	396													
155	515	534	583	707	849													
160	929	940	975	1142	1369													
165	1836	1806	1873	1952	2021													
170	3363	3244	3253	3321	3396													
175	5135	4958	4859	4819	4815													
180	6199	6199	6199	6199	6199													

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.1DEG

Operators: Alan Wang

Test Date: 17 October 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416

Humidity: 40.3%

Test Distance: 2.500m [K=1.0461]

Remarks: