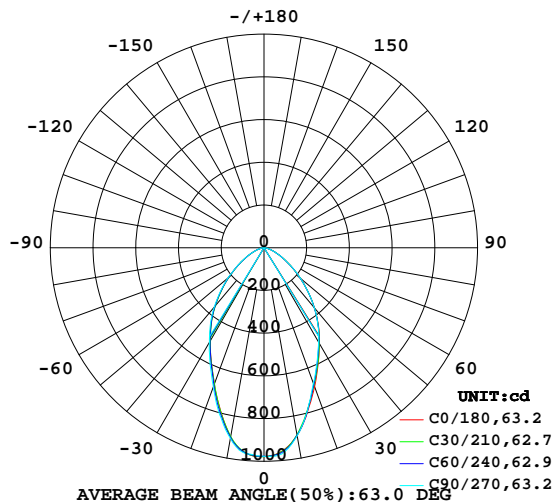


LUMINAIRE PHOTOMETRIC TEST REPORT

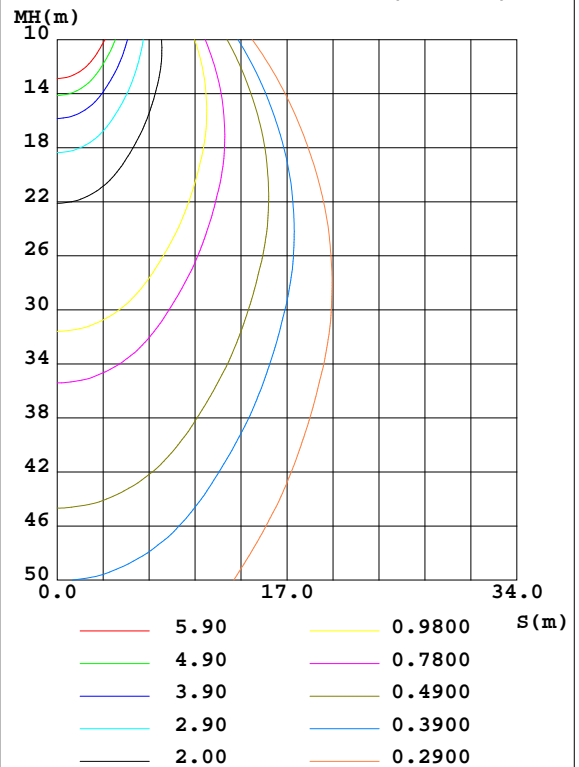
Test:U:120.0V I:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.89 lm/W			
MODEL	INDEPS020UNHD8SC2R4BZP	I _{max} (cd)	980.2	S/MH(C0/180)	0.84
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.86
RATED VOLTAGE(V)	120-347	TOTAL FLUX(lm)	1334.1	η UP,DN(C0-180)	0.0,49.9
NOMINAL FLUX(lm)	1334.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,50.0
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	η down(%)	99.9	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: 25.0DEG
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	893.5	891.5	894.2	895.9	900.3	899.3	906.2	907.0	0- 10	89.94	89.94	6.74,6.74
20	693.3	683.8	675.7	678.6	680.8	682.2	693.5	698.3	10- 20	221.5	311.4	23.3,23.3
30	519.8	517.1	511.4	508.8	507.6	505.4	512.2	521.4	20- 30	273.0	584.4	43.8,43.8
40	368.1	367.0	366.4	361.2	357.6	354.7	363.1	368.1	30- 40	273.5	858.0	64.3,64.3
50	222.1	222.3	223.1	218.5	216.1	215.3	220.1	223.4	40- 50	222.5	1080	81,81
60	111.3	111.1	111.6	109.6	107.9	107.6	110.0	111.1	50- 60	143.2	1224	91.7,91.7
70	46.31	45.66	46.03	45.52	45.33	45.13	46.35	46.89	60- 70	73.87	1298	97.3,97.3
80	13.51	13.17	12.63	13.00	13.51	13.56	13.42	13.59	70- 80	28.89	1326	99.4,99.4
90	0.0347	0.0263	0.0207	0.0245	0.0392	0.0393	0.0421	0.0443	80- 90	6.143	1333	99.9,99.9
100	0.0332	0.0335	0.0338	0.0348	0.0713	0.0716	0.0723	0.0715	90-100	0.0433	1333	99.9,99.9
110	0.0588	0.0584	0.0606	0.0604	0.1102	0.1102	0.1099	0.1084	100-110	0.0726	1333	99.9,99.9
120	0.1104	0.1107	0.1129	0.1137	0.1663	0.1665	0.1665	0.1631	110-120	0.1071	1333	99.9,99.9
130	0.2011	0.2011	0.2043	0.2057	0.2889	0.2905	0.2871	0.2855	120-130	0.1668	1333	99.9,99.9
140	0.3197	0.3217	0.3256	0.3284	0.4774	0.4767	0.4734	0.4722	130-140	0.2454	1333	99.9,99.9
150	0.4574	0.4597	0.4641	0.4660	0.7408	0.7400	0.7386	0.7384	140-150	0.3121	1333	100,100
160	0.5948	0.5960	0.6007	0.6017	0.9285	0.9298	0.9263	0.9289	150-160	0.3181	1334	100,100
170	0.6633	0.6649	0.6683	0.6658	0.9055	0.9054	0.9021	0.9049	160-170	0.2233	1334	100,100
180	0.8028	0.8002	0.7962	0.8003	0.7996	0.7985	0.7910	0.7948	170-180	0.0748	1334	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 978.15 lm

%lum = 73.3%

%lamp = 73.3%

Conical surface Flux(120deg): 1223.6 lm

%lum = 91.7%

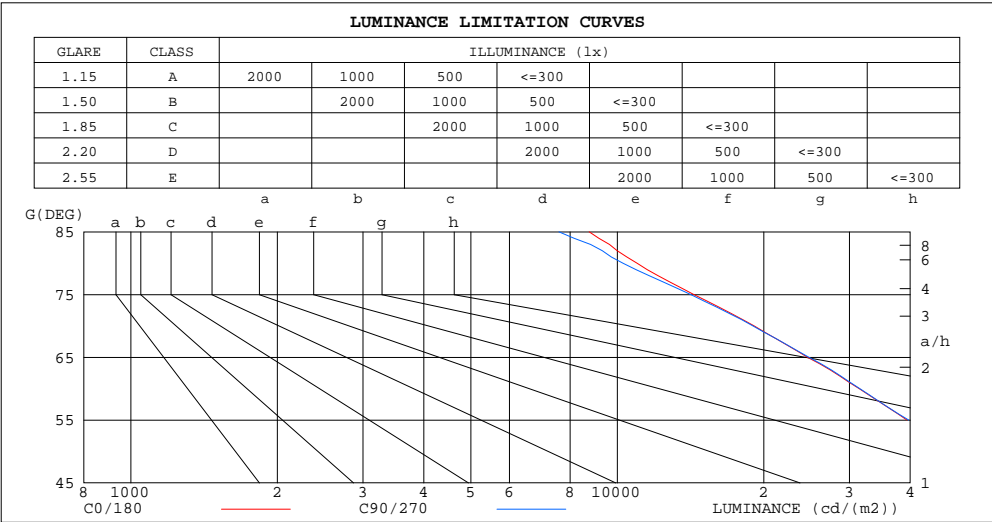
%lamp = 91.7%

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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



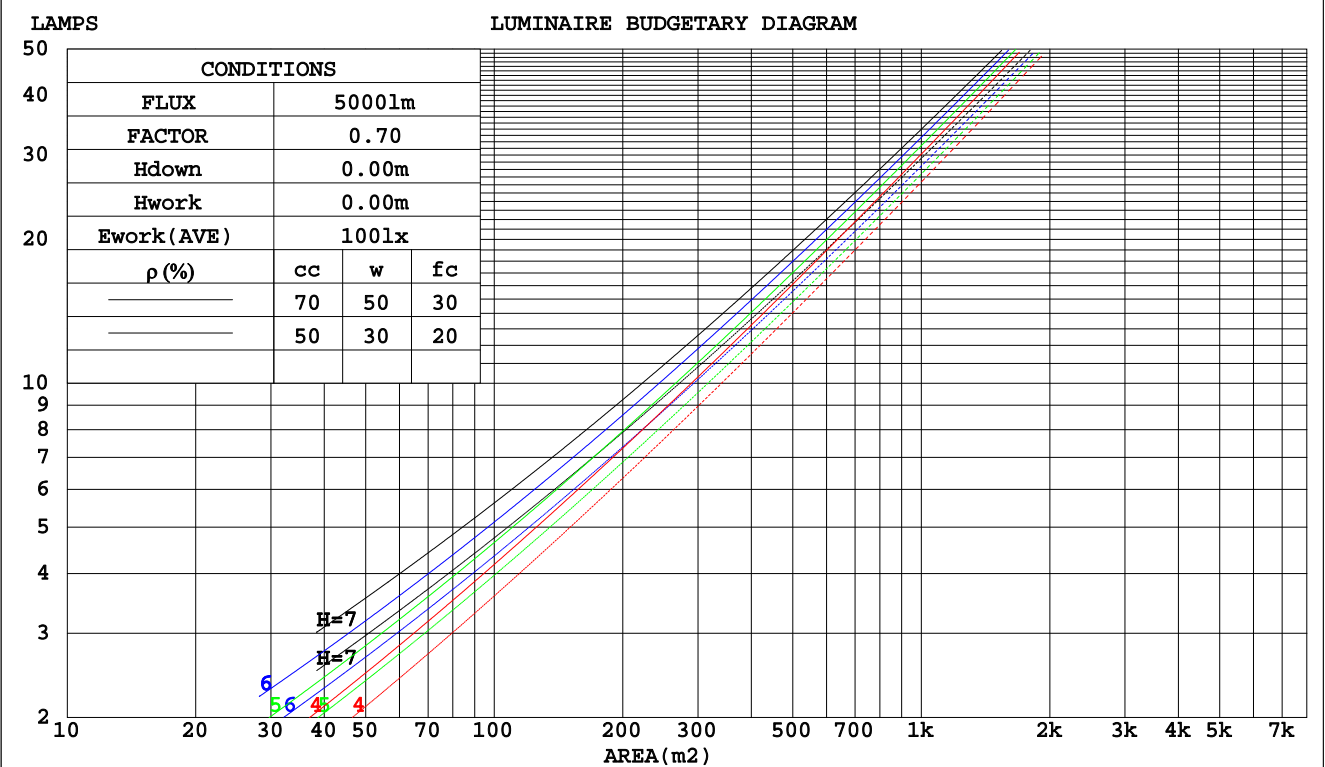
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:Alan Wang
Test Date:15 October 2024

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 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	.237	.135	.043	.230	.131	.042	.217	.125	.040	.205	.118	.038	.194	.113	.036		
2.0	.229	.125	.038	.223	.123	.038	.212	.118	.037	.201	.113	.035	.192	.109	.034		
3.0	.217	.115	.035	.212	.113	.034	.202	.109	.033	.193	.106	.032	.184	.102	.032		
4.0	.204	.106	.031	.200	.105	.031	.191	.101	.030	.183	.098	.030	.176	.096	.029		
5.0	.192	.098	.028	.188	.097	.028	.181	.094	.028	.174	.092	.027	.167	.089	.027		
6.0	.181	.091	.026	.177	.090	.026	.171	.087	.025	.164	.085	.025	.158	.083	.025		
7.0	.171	.084	.024	.167	.083	.024	.161	.082	.024	.156	.080	.023	.151	.078	.023		
8.0	.161	.079	.022	.158	.078	.022	.153	.076	.022	.148	.075	.022	.143	.073	.021		
9.0	.153	.074	.021	.150	.073	.021	.145	.072	.020	.141	.070	.020	.136	.069	.020		
10.0	.145	.069	.019	.142	.069	.019	.138	.068	.019	.134	.066	.019	.130	.065	.019		

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	.141	.151	.135	.121	.103	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.165	.133	.107	.141	.115	.092	.097	.079	.064	.056	.046	.038	.018	.015	.012	
3.0	.155	.115	.083	.133	.099	.072	.091	.069	.050	.053	.040	.030	.017	.013	.010	
4.0	.147	.101	.066	.126	.087	.057	.087	.061	.040	.050	.036	.024	.016	.012	.008	
5.0	.139	.090	.054	.119	.078	.047	.082	.054	.033	.048	.032	.020	.015	.010	.006	
6.0	.132	.081	.045	.114	.070	.039	.078	.049	.028	.045	.029	.016	.015	.009	.005	
7.0	.126	.074	.038	.108	.064	.033	.075	.045	.023	.043	.027	.014	.014	.009	.005	
8.0	.120	.068	.033	.103	.059	.029	.071	.042	.020	.042	.024	.012	.013	.008	.004	
9.0	.114	.063	.029	.098	.055	.025	.068	.039	.018	.040	.023	.011	.013	.007	.004	
10.0	.109	.059	.025	.094	.051	.022	.065	.036	.016	.038	.021	.009	.012	.007	.003	

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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 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	24.7	26.0	24.9	26.1	26.3	24.7	26.0	25.0	26.1	26.3
3H	25.1	26.3	25.4	26.5	26.7	25.1	26.3	25.4	26.5	26.7
4H	25.2	26.3	25.5	26.6	26.8	25.2	26.3	25.5	26.6	26.8
6H	25.3	26.3	25.6	26.5	26.8	25.2	26.3	25.6	26.5	26.8
8H	25.2	26.2	25.6	26.5	26.8	25.2	26.2	25.6	26.5	26.8
12H	25.2	26.2	25.6	26.5	26.7	25.2	26.2	25.5	26.4	26.7
4H 2H	24.9	26.0	25.2	26.2	26.5	24.9	26.0	25.2	26.2	26.5
3H	25.4	26.4	25.8	26.7	27.0	25.4	26.4	25.8	26.7	27.0
4H	25.6	26.5	26.0	26.8	27.1	25.6	26.5	26.0	26.8	27.1
6H	25.7	26.4	26.1	26.8	27.1	25.7	26.4	26.1	26.8	27.1
8H	25.7	26.4	26.1	26.8	27.1	25.7	26.4	26.1	26.7	27.1
12H	25.7	26.3	26.1	26.7	27.1	25.7	26.3	26.1	26.7	27.1
8H 4H	25.6	26.3	26.0	26.7	27.0	25.6	26.3	26.0	26.7	27.0
6H	25.7	26.3	26.2	26.7	27.1	25.7	26.3	26.2	26.7	27.1
8H	25.8	26.3	26.2	26.7	27.2	25.8	26.3	26.2	26.7	27.1
12H	25.8	26.2	26.3	26.7	27.2	25.8	26.2	26.2	26.7	27.1
12H 4H	25.6	26.2	26.0	26.6	27.0	25.6	26.2	26.0	26.6	27.0
6H	25.7	26.2	26.2	26.6	27.1	25.7	26.2	26.2	26.6	27.1
8H	25.8	26.2	26.2	26.7	27.1	25.8	26.2	26.2	26.6	27.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.9					+ 0.7 / - 0.9				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
2.0H	+ 1.4 / - 1.3					+ 1.4 / - 1.4				

CIE Pub.117, 1334 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.0$)
Area: 0.00708462 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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

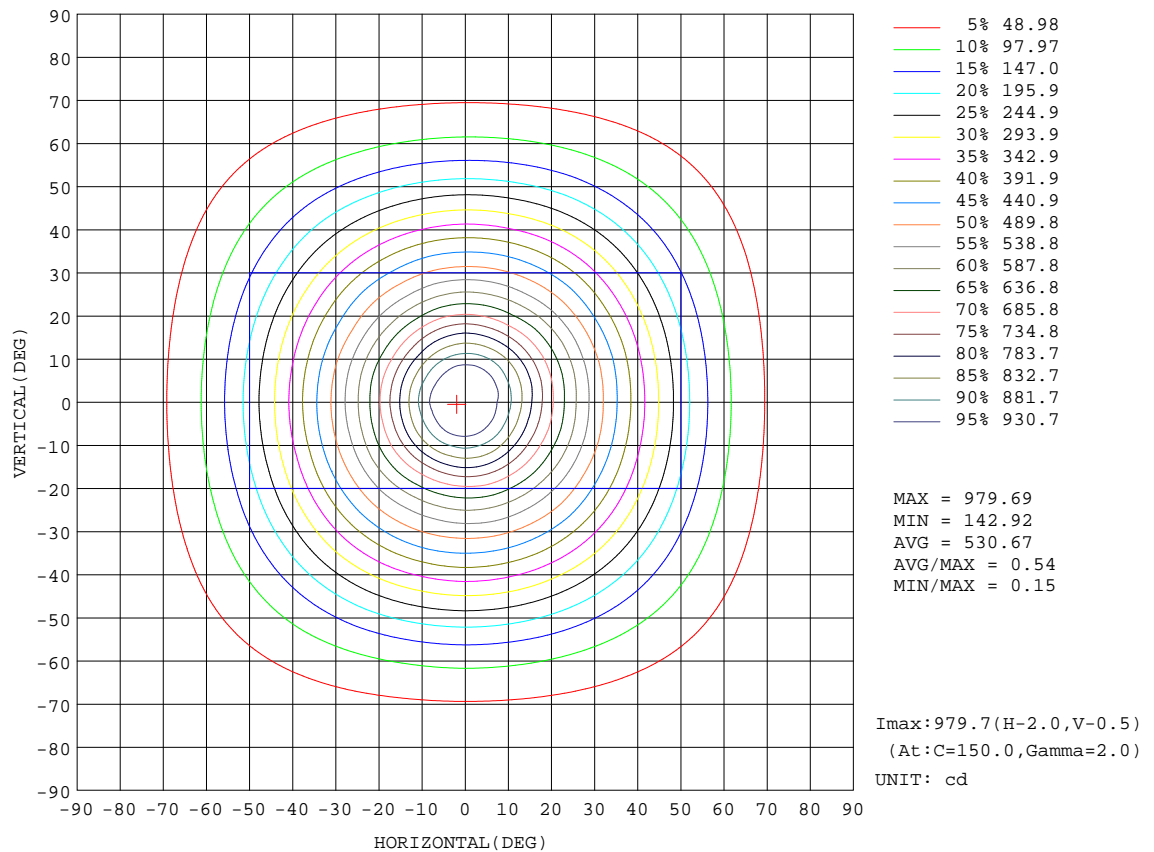
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	59	54	68	59	54	67	59	53	48
0.80	79	69	64	78	69	63	76	68	63	57
1.00	86	78	72	85	77	72	83	78	71	65
1.25	92	84	79	91	84	78	89	82	78	72
1.50	96	89	84	95	88	83	92	87	82	76
2.00	102	95	90	100	94	90	97	92	88	82
2.50	104	99	94	103	97	93	99	95	91	84
3.00	107	102	98	105	100	97	101	98	94	87
4.00	110	106	102	108	104	101	104	101	98	90
5.00	112	108	105	109	106	103	105	103	100	92
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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:



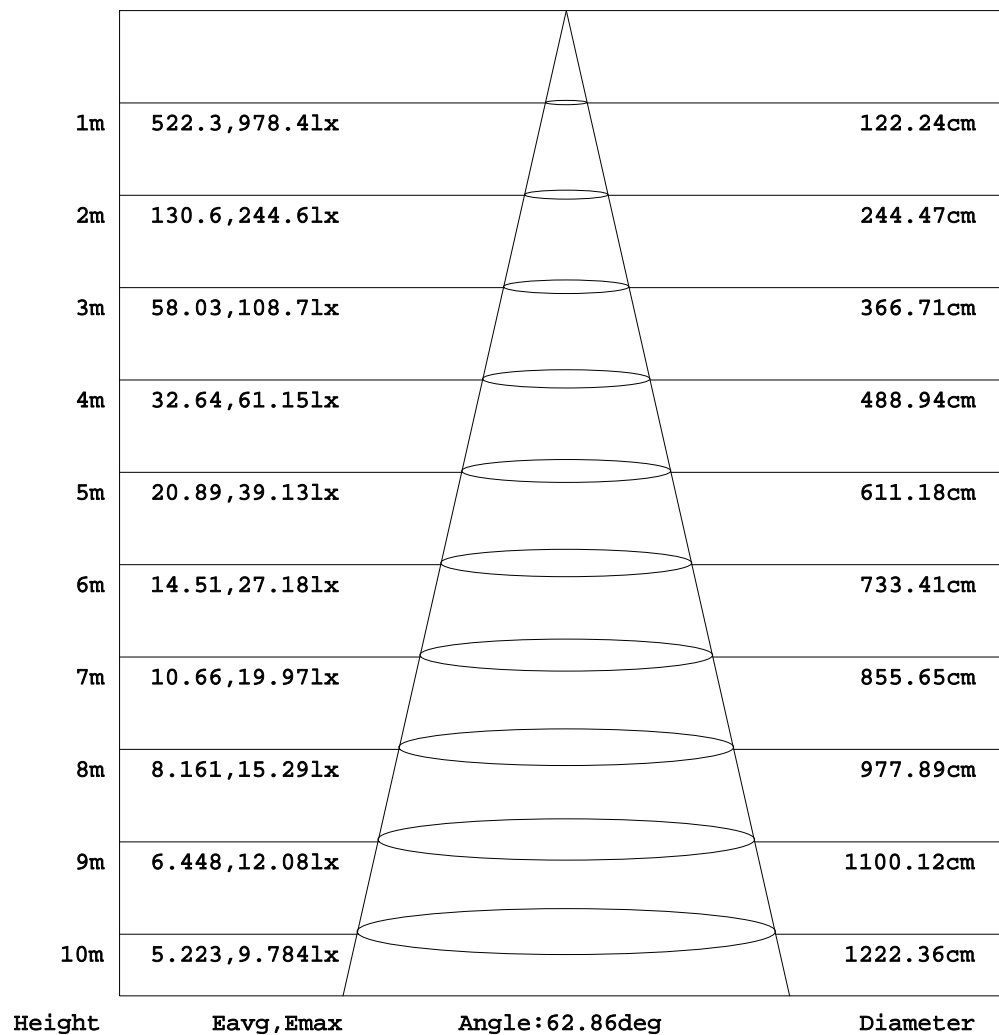
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 15 October 2024

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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

Flux out:640.7 lm



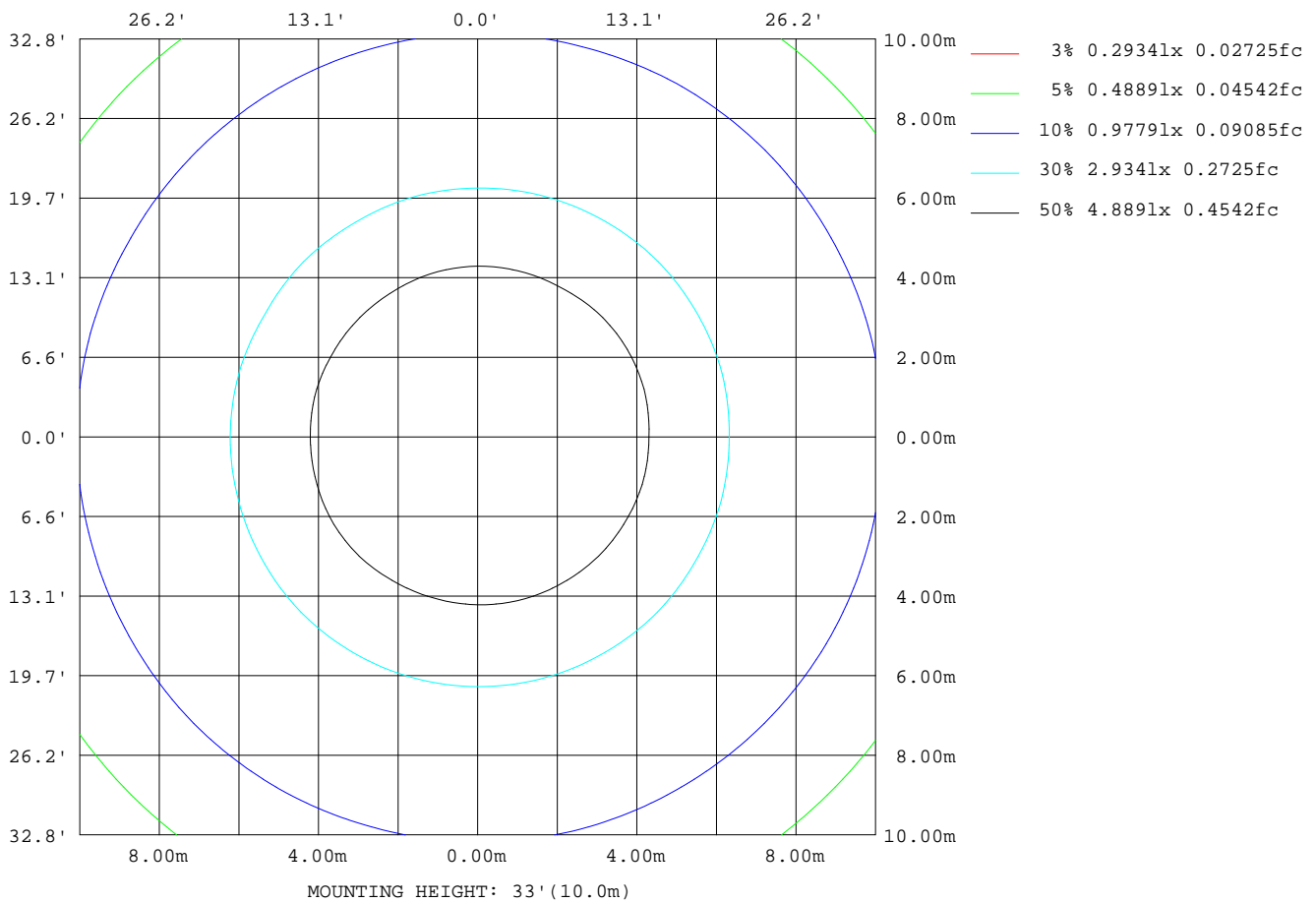
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 lm		
NAME: Optic/CCT/Wattage/Up & Down Light	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LEDVANCE LLC	SUR.:	Shielding Angle:

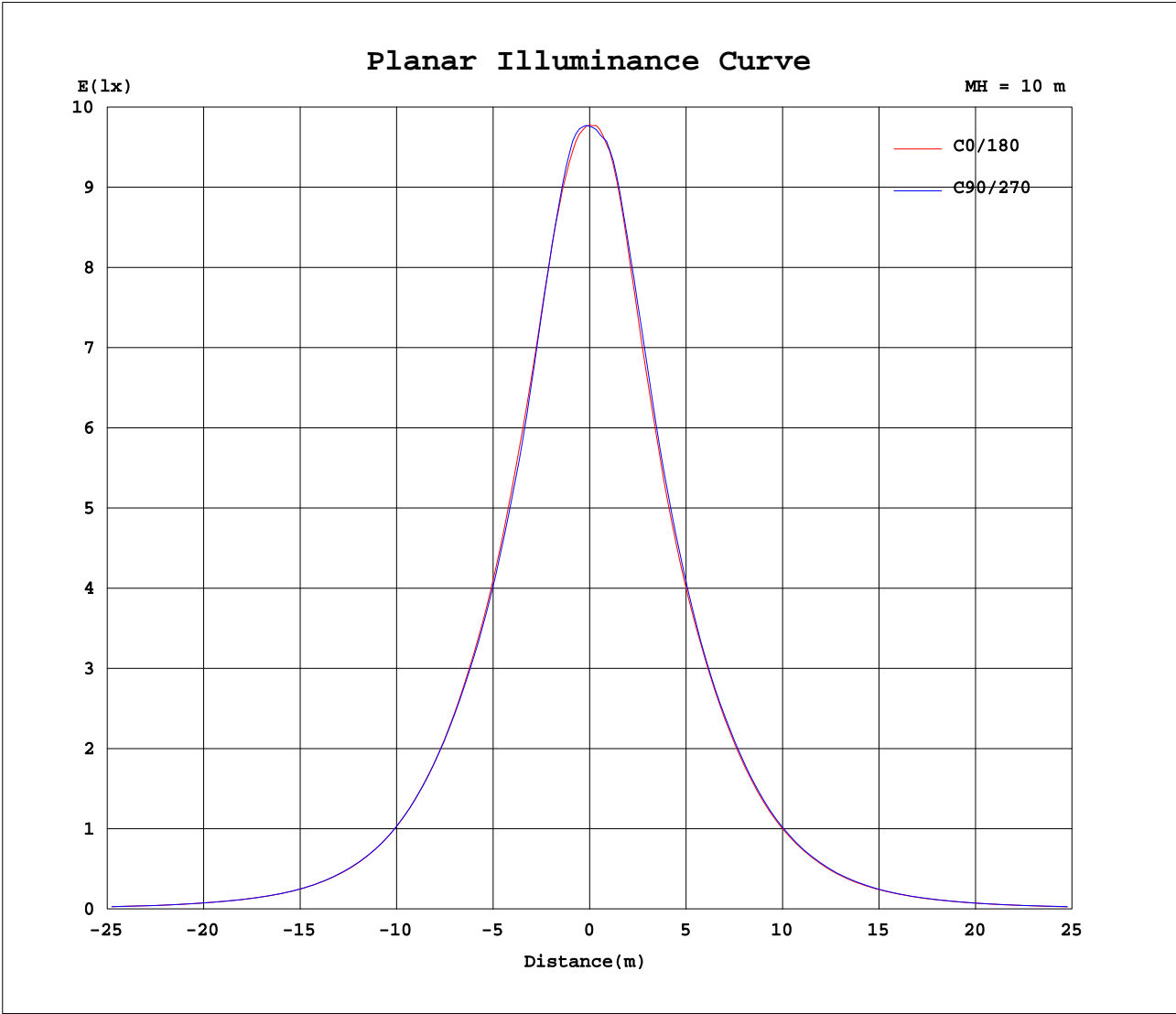
AvgL	cd/m2
L_0~180(65)av	24304
L_0~180(75)av	14298
L_0~180(85)av	8799
L_90~270(65)av	24722
L_90~270(75)av	14379
L_90~270(85)av	8135
L_45(65)av	24473
L_45(75)av	14335
L_45(85)av	8437

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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 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	978	977	978	977	976	977	976	976	976	976	977	976	978	977	978	977	976	977	976
5	956	957	957	959	963	965	969	970	969	969	968	967	965	964	964	965	966	968	969
10	893	890	889	891	891	892	894	894	897	896	894	894	900	900	897	899	902	906	906
15	792	787	786	787	789	790	788	785	786	790	790	788	788	789	790	790	797	802	807
20	693	690	685	684	681	681	676	674	674	679	682	679	681	682	678	682	686	692	694
25	600	600	598	594	591	590	589	585	584	588	589	584	585	587	586	585	589	593	598
30	520	521	518	517	515	514	511	510	509	509	507	506	508	507	502	505	506	511	512
35	444	443	442	444	442	442	441	441	439	437	434	432	432	431	429	432	432	437	438
40	368	367	367	367	367	366	366	364	364	361	357	354	358	356	354	355	357	359	363
45	291	291	292	292	292	292	292	290	289	288	284	282	283	282	280	282	284	286	288
50	222	222	222	222	223	223	223	222	221	218	215	214	216	215	213	215	216	218	220
55	160	160	161	161	161	161	161	160	160	158	155	154	155	155	155	156	156	157	159
60	111	111	112	111	111	111	112	111	110	110	108	107	108	108	108	108	108	109	110
65	73.6	73.4	73.5	73.3	73.6	74.0	74.1	73.5	73.6	73.2	72.1	71.2	71.9	71.5	71.8	71.8	72.1	72.8	73.9
70	46.3	45.8	45.8	45.7	45.9	46.0	46.0	45.8	45.9	45.5	45.0	44.6	45.3	45.0	45.0	45.1	45.6	46.0	46.4
75	26.3	26.1	25.9	26.0	26.2	26.1	26.0	26.0	26.2	26.1	25.9	25.7	26.1	26.0	26.0	26.2	26.6	26.6	26.8
80	13.5	13.4	13.2	13.2	13.0	12.8	12.6	12.8	13.0	13.0	13.1	13.2	13.5	13.6	13.5	13.6	13.4	13.4	13.4
85	5.41	5.15	4.95	5.00	4.98	4.81	4.68	4.86	4.94	4.94	5.00	5.24	5.46	5.35	5.27	5.39	5.48	5.41	5.36
90	0.03	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04
95	0.02	0.02	0.02	0.02	0.02	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
100	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.07	0.07	0.07	0.07	0.07	0.07
105	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09
110	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.11	0.11	0.11	0.11	0.11	0.11	0.11
115	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.13	0.13	0.13	0.13	0.13	0.13	0.13
120	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.17	0.17	0.17	0.17	0.17	0.17	0.17
125	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.22	0.22	0.22	0.22	0.22	0.22	0.22
130	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.29	0.29	0.29	0.29	0.29	0.29	0.29
135	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.37	0.37	0.37	0.37	0.37	0.37	0.37
140	0.32	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.48	0.48	0.48	0.48	0.47	0.47	0.47
145	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.61	0.61	0.61	0.61	0.61	0.61	0.61
150	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.74	0.74	0.74	0.74	0.74	0.74	0.74
155	0.54	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.85	0.85	0.85	0.85	0.85	0.85	0.85
160	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.93	0.93	0.93	0.93	0.93	0.93	0.93
165	0.63	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.95	0.95	0.95	0.95	0.95	0.95	0.95
170	0.66	0.66	0.66	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.66	0.67	0.91	0.91	0.91	0.91	0.90	0.90	0.90
175	0.72	0.72	0.72	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.72	0.72	0.86	0.86	0.86	0.86	0.86	0.86	0.85
180	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.79	0.79

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:0.0839A P:9.89W PF:0.9821 Freq:60.00Hz Lamp Flux:1334.1x1 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	976	976	976	977	976													
5	967	964	961	960	959													
10	908	910	907	900	897													
15	806	806	808	808	802													
20	693	693	698	701	698													
25	598	600	605	609	608													
30	515	516	521	523	524													
35	441	443	446	446	449													
40	363	366	368	368	369													
45	289	292	293	292	293													
50	220	223	223	223	223													
55	160	161	160	160	161													
60	111	111	111	111	111													
65	74.3	74.6	74.8	74.6	74.8													
70	46.7	46.9	46.9	46.8	46.9													
75	27.0	27.0	26.9	26.9	27.0													
80	13.6	13.7	13.6	13.6	13.7													
85	5.53	5.61	5.50	5.51	5.63													
90	0.04	0.05	0.04	0.04	0.04													
95	0.05	0.05	0.05	0.05	0.05													
100	0.07	0.07	0.07	0.07	0.07													
105	0.09	0.09	0.09	0.09	0.09													
110	0.11	0.11	0.11	0.11	0.11													
115	0.13	0.13	0.13	0.13	0.13													
120	0.16	0.16	0.16	0.16	0.16													
125	0.22	0.22	0.22	0.21	0.21													
130	0.29	0.29	0.29	0.28	0.28													
135	0.37	0.37	0.37	0.37	0.37													
140	0.47	0.47	0.47	0.47	0.47													
145	0.61	0.61	0.61	0.61	0.61													
150	0.74	0.74	0.74	0.74	0.74													
155	0.85	0.85	0.85	0.85	0.85													
160	0.93	0.93	0.93	0.93	0.93													
165	0.95	0.95	0.95	0.95	0.95													
170	0.90	0.90	0.90	0.91	0.91													
175	0.86	0.86	0.86	0.86	0.86													
180	0.79	0.79	0.79	0.80	0.80													

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: