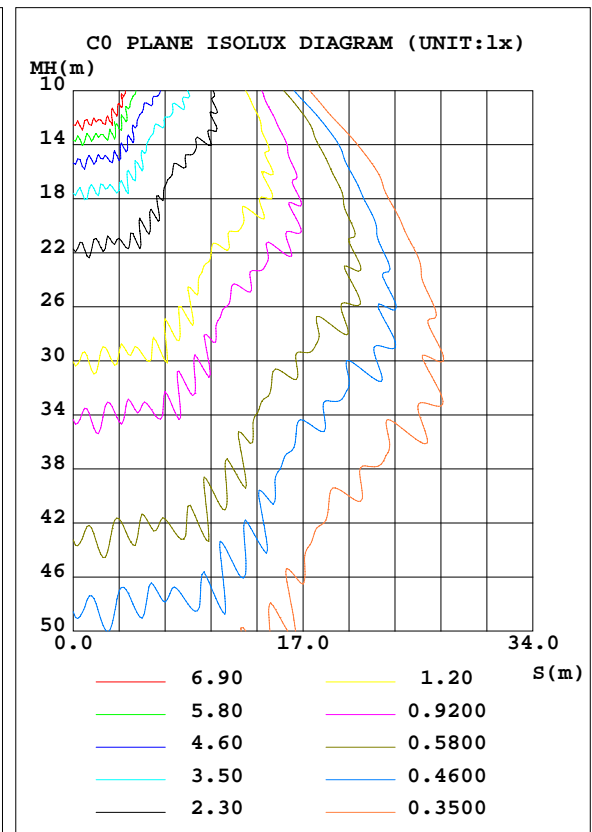
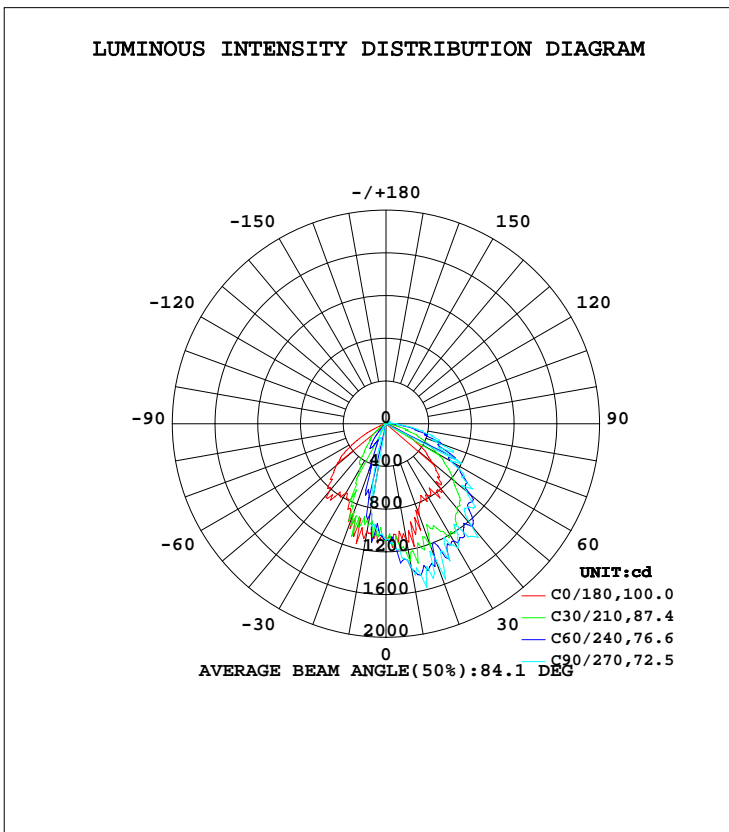


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.51 lm/W			
MODEL	8335X-25W-50K	I _{max} (cd)	1592	S/MH(C0/180)	1.07
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	2623.4	η UP, DN(C0-180)	1.8,78.1
NOMINAL FLUX(lm)	2623.4	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,19.9
LAMPS INSIDE	1	η up(%)	2.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	η down(%)	98.0	CIBSE SHR MAX	1.05



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1107	1348	1363	1293	1017	866.7	786.8	904.5	0- 10	103.6	103.6	3.95,3.95
20	914.6	1297	1324	1351	876.7	771.2	140.7	759.3	10- 20	292.1	395.6	15.1,15.1
30	770.4	1279	1345	1308	748.4	233.5	107.3	216.2	20- 30	380.4	776.0	29.6,29.6
40	815.9	1204	1236	1161	826.6	122.6	29.62	116.0	30- 40	467.7	1244	47.4,47.4
50	564.9	954.0	986.0	972.5	604.4	35.30	8.134	34.82	40- 50	472.0	1716	65.4,65.4
60	290.8	675.6	696.6	703.4	313.7	13.72	4.124	13.89	50- 60	391.9	2108	80.3,80.3
70	35.70	378.7	500.7	384.8	50.58	6.749	2.075	5.780	60- 70	263.7	2371	90.4,90.4
80	13.46	163.5	288.0	193.9	17.00	4.438	1.167	3.682	70- 80	145.6	2517	95.9,95.9
90	8.305	50.29	93.81	58.57	9.491	3.482	1.409	3.170	80- 90	54.65	2572	98,98
100	4.023	20.84	25.82	21.95	4.546	1.333	0.7779	1.438	90-100	18.96	2591	98.7,98.7
110	4.714	12.28	35.33	15.57	4.971	0.7730	0.5970	0.8342	100-110	10.14	2601	99.1,99.1
120	2.760	7.815	38.67	7.136	3.163	1.113	0.0910	1.029	110-120	8.465	2609	99.5,99.5
130	1.093	10.32	27.26	10.82	1.356	1.125	0.3154	0.9043	120-130	6.404	2616	99.7,99.7
140	1.080	9.451	18.09	9.655	1.157	0.5355	0.2425	0.4593	130-140	4.445	2620	99.9,99.9
150	0.7713	4.524	11.97	6.126	0.6888	0.1089	0.1854	0.0146	140-150	2.452	2622	100,100
160	0.0001	2.572	1.147	2.633	0	0.0249	0.1344	0.0001	150-160	0.8795	2623	100,100
170	0	0.0277	0.3552	0.3895	0	0	0.0012	0	160-170	0.1114	2623	100,100
180	0	0	0	0	0	0	0	0	170-180	0.0020	2623	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 6.7 %									UNIT:lm		

Conical surface Flux(90deg): 1483.3 lm

%lum = 56.5%
 %lamp = 56.5%

Conical surface Flux(120deg): 2107.6 lm

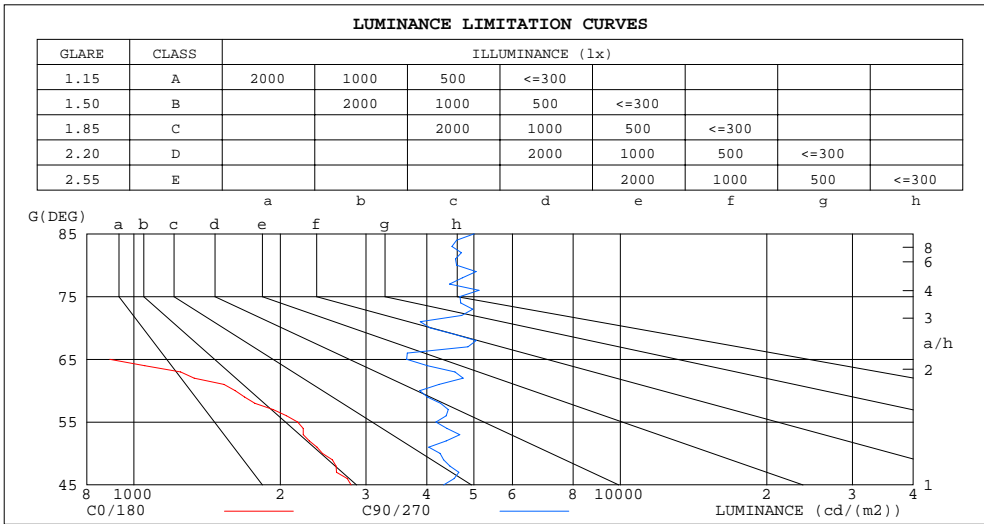
%lum = 80.3%
 %lamp = 80.3%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	311	5006
80	215	4607
75	204	4681
70	290	4066
65	892	3636
60	1616	3870
55	2171	4178
50	2441	4261
45	2795	4332

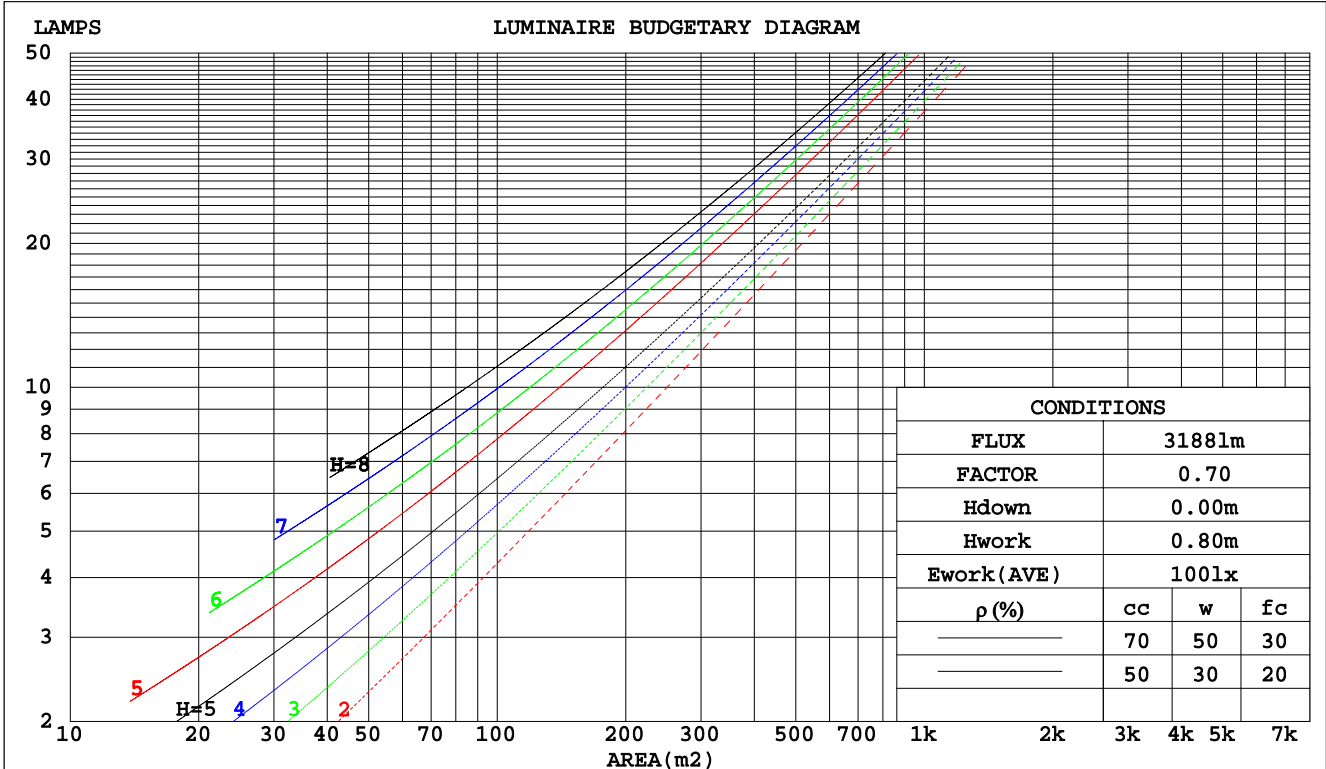
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: Derek Lai
 Test Date: 10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance: 2.500m [K=1.1409]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.91	.85	.79	.89	.83	.78	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.64	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.63	.56	.68	.61	.55	.65	.59	.54	.63	.58	.54	.51
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.51	.47	.45
6.0	.58	.50	.43	.57	.49	.43	.55	.48	.43	.53	.47	.42	.52	.46	.42	.39
7.0	.53	.44	.39	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.42	.37	.35
8.0	.49	.40	.35	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.31
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.40	.35	.30	.28
10.0	.41	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: Derek Lai
 Test Date: 10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance: 2.500m [K=1.1409]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm								
NAME: WALL MOUNT			TYPE:LED			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: P.Q.L., Inc.			SUR.:			Shielding Angle:		

ρcc	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.297	.169	.053	.289	.165	.052	.275	.158	.050	.262	.151	.048	.249	.145	.047	
2.0	.278	.153	.047	.272	.150	.046	.259	.144	.045	.247	.139	.043	.237	.134	.042	
3.0	.258	.137	.041	.252	.135	.041	.241	.131	.040	.231	.126	.039	.221	.122	.038	
4.0	.239	.124	.037	.234	.122	.036	.224	.119	.035	.215	.115	.035	.206	.112	.034	
5.0	.222	.113	.033	.217	.111	.032	.208	.108	.032	.200	.105	.031	.192	.103	.031	
6.0	.206	.103	.030	.202	.102	.029	.194	.099	.029	.187	.097	.029	.180	.095	.028	
7.0	.192	.095	.027	.189	.094	.027	.182	.092	.026	.175	.090	.026	.169	.088	.026	
8.0	.180	.088	.025	.177	.087	.025	.170	.085	.024	.164	.083	.024	.159	.081	.024	
9.0	.169	.082	.023	.166	.081	.023	.160	.079	.022	.155	.078	.022	.150	.076	.022	
10.0	.159	.076	.021	.157	.076	.021	.151	.074	.021	.146	.073	.021	.142	.071	.020	

ρcc	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.195	.171	.151	.166	.147	.130	.114	.101	.090	.066	.059	.052	.021	.019	.017	
2.0	.186	.147	.115	.159	.127	.099	.109	.088	.069	.063	.051	.041	.020	.017	.013	
3.0	.178	.130	.091	.152	.112	.079	.105	.078	.056	.060	.045	.033	.019	.015	.011	
4.0	.170	.116	.075	.146	.100	.065	.100	.070	.046	.058	.041	.027	.019	.013	.009	
5.0	.162	.106	.064	.139	.091	.056	.096	.064	.039	.056	.038	.023	.018	.012	.008	
6.0	.155	.097	.056	.133	.084	.049	.092	.059	.034	.053	.035	.020	.017	.011	.007	
7.0	.149	.090	.050	.128	.078	.043	.088	.055	.031	.051	.032	.018	.017	.011	.006	
8.0	.142	.085	.045	.122	.073	.039	.085	.052	.028	.049	.030	.017	.016	.010	.005	
9.0	.136	.080	.041	.117	.069	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
10.0	.131	.075	.039	.113	.065	.034	.078	.046	.024	.046	.027	.014	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm										
NAME: WALL MOUNT					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: P.Q.L., Inc.					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	14.0	15.4	14.3	15.6	15.9	16.8	18.3	17.1	18.5	18.8
3H	14.2	15.6	14.6	15.8	16.1	18.6	19.9	18.9	20.2	20.5
4H	14.2	15.4	14.5	15.7	16.0	19.6	20.9	19.9	21.2	21.4
6H	14.1	15.3	14.4	15.6	15.9	20.3	21.5	20.7	21.8	22.1
8H	14.0	15.2	14.4	15.5	15.8	20.6	21.7	20.9	22.0	22.4
12H	14.0	15.1	14.4	15.4	15.8	20.8	21.9	21.2	22.2	22.6
4H 2H	15.1	16.4	15.5	16.7	17.0	17.3	18.5	17.6	18.8	19.1
3H	15.7	16.8	16.1	17.1	17.5	19.3	20.4	19.7	20.7	21.1
4H	15.7	16.7	16.1	17.1	17.5	20.5	21.5	20.9	21.8	22.2
6H	15.7	16.6	16.1	17.0	17.4	21.4	22.2	21.8	22.6	23.0
8H	15.6	16.5	16.1	16.9	17.3	21.7	22.5	22.1	22.9	23.3
12H	15.6	16.4	16.1	16.8	17.2	21.9	22.7	22.4	23.1	23.6
8H 4H	16.5	17.3	16.9	17.7	18.1	20.6	21.4	21.0	21.8	22.2
6H	16.5	17.2	17.0	17.7	18.1	21.7	22.3	22.1	22.8	23.2
8H	16.5	17.1	17.0	17.6	18.1	22.1	22.7	22.6	23.2	23.7
12H	16.5	17.1	17.0	17.5	18.1	22.5	23.0	23.0	23.5	24.0
12H 4H	16.7	17.4	17.1	17.8	18.3	20.5	21.3	21.0	21.7	22.1
6H	16.8	17.4	17.3	17.9	18.4	21.7	22.3	22.1	22.7	23.2
8H	16.9	17.4	17.4	17.9	18.4	22.1	22.7	22.6	23.1	23.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.2				
1.5H	+ 0.5 / - 0.9					+ 0.2 / - 0.6				
2.0H	+ 0.6 / - 1.5					+ 0.4 / - 0.3				

CIE Pub.117, 2623 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.4)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:

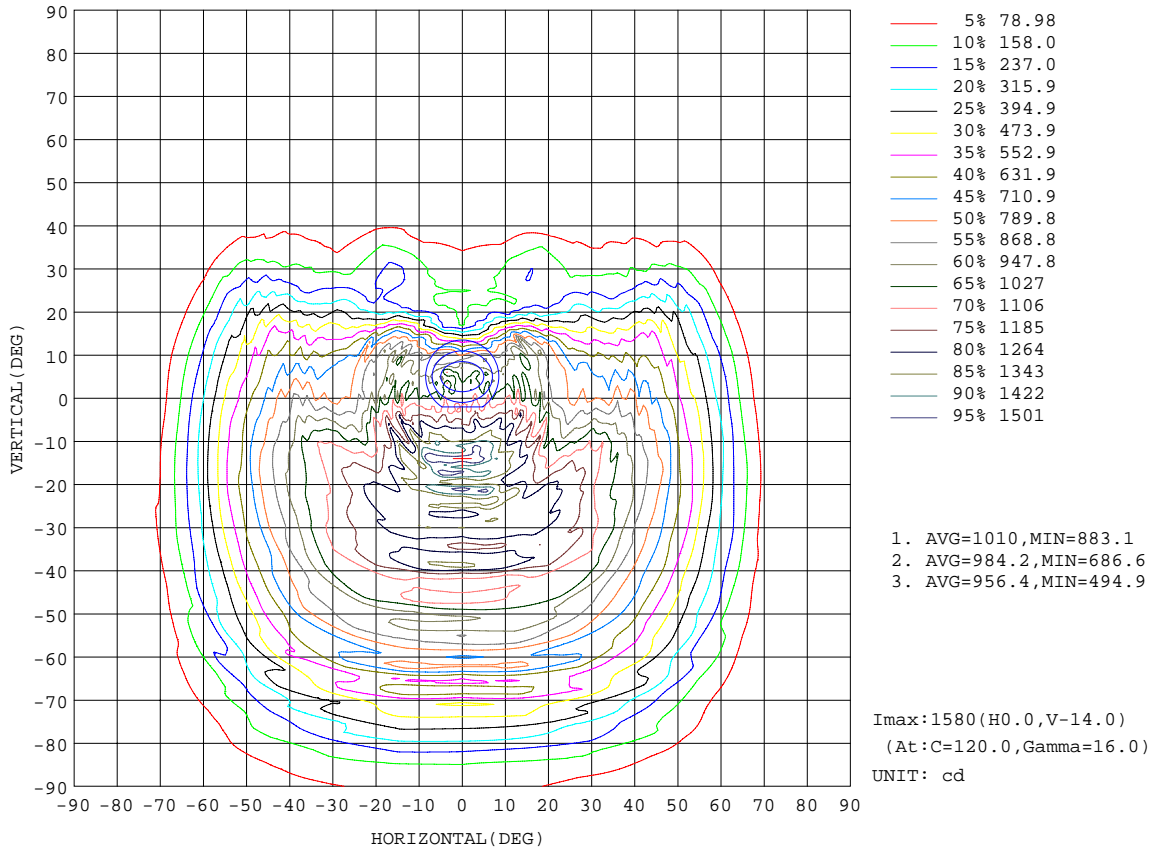
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	58	47	41	57	47	41	34
0.80	69	58	51	68	57	50	66	56	50	43
1.00	77	67	60	76	66	59	74	67	59	52
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	87	79	72	84	77	71	64
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	99	95	92	82
5.00	108	104	100	106	102	98	101	98	95	85
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: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:

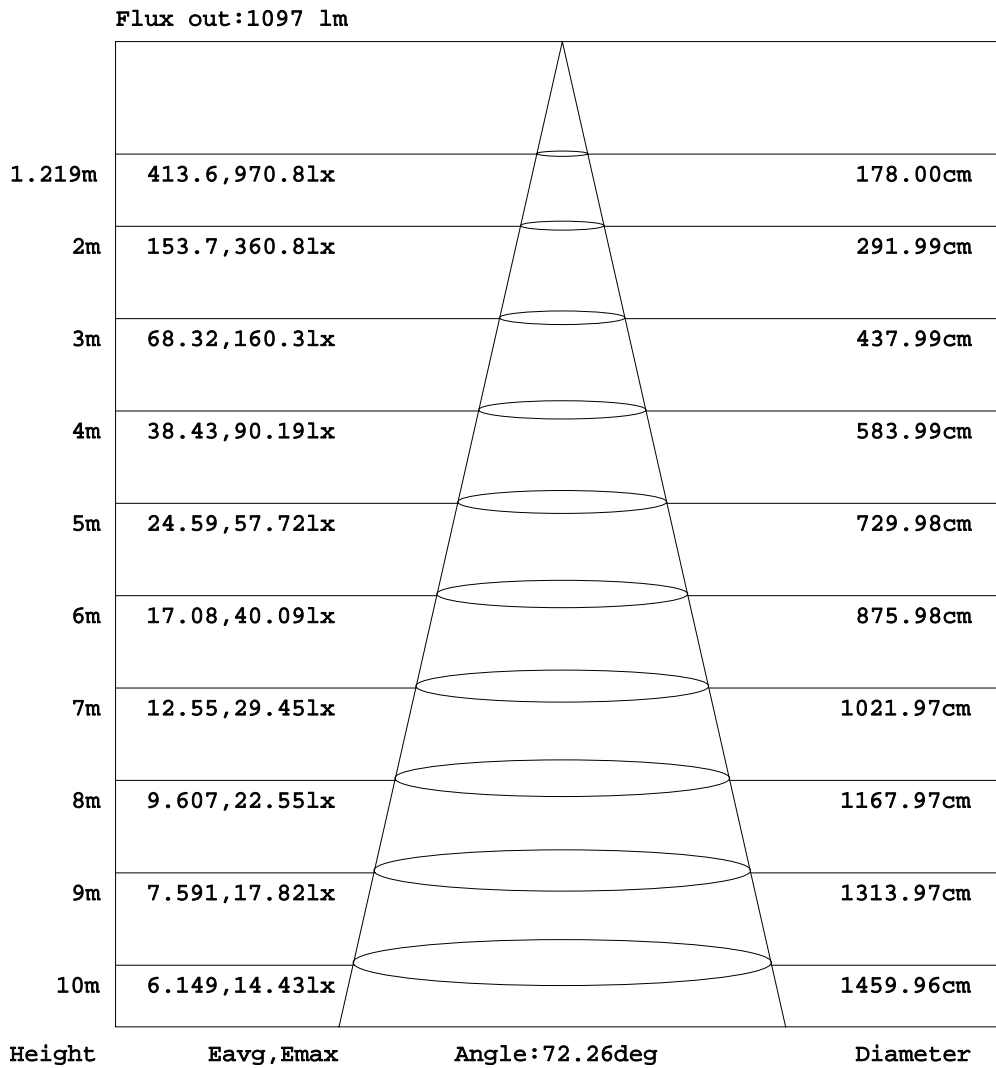


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

AAI Figure

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:



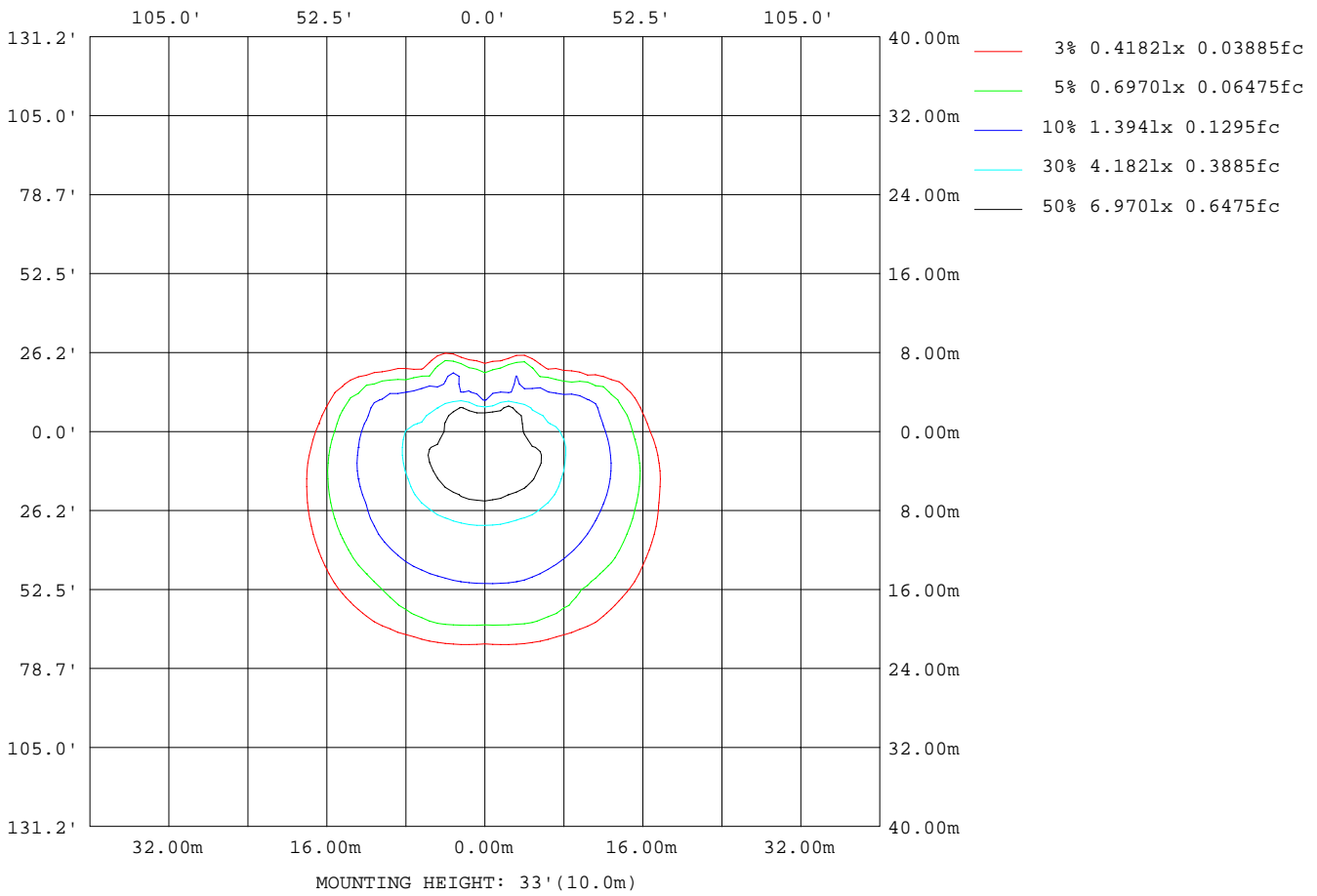
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:

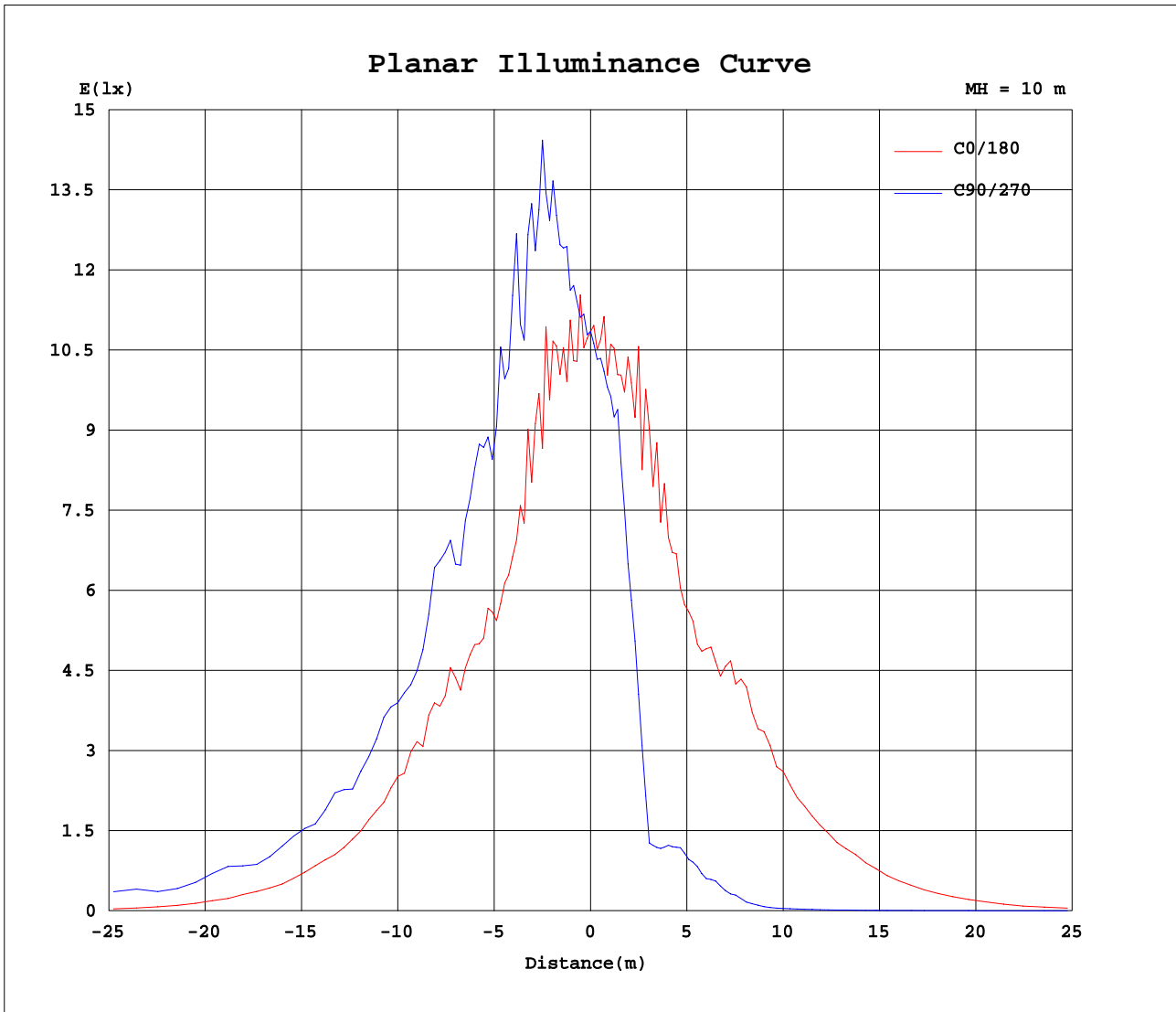
AvgL	cd/m2
L_0~180(65)av	993
L_0~180(75)av	231
L_0~180(85)av	335
L_90~270(65)av	1827
L_90~270(75)av	2349
L_90~270(85)av	2524
L_45(65)av	1880
L_45(75)av	1478
L_45(85)av	1429

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.6DEG
Operators: Derek Lai
Test Date: 10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.362
Humidity: 40.5%
Test Distance: 2.500m [K=1.1409]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	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	1084	1087	1085	1085	1085	1084	1085	1084	1083	1085	1083	1082	1084	1087	1085	1085	1085	1084	1085
5	1042	1041	1054	1195	1201	1152	1185	1204	1127	1125	1147	1052	1015	934	1044	1112	938	1050	992
10	1107	1124	1308	1348	1378	1339	1363	1300	1351	1293	1219	1152	1017	979	964	867	853	805	787
15	1075	1136	1156	1250	1375	1577	1457	1565	1528	1357	1294	1284	917	960	1001	862	640	454	343
20	915	1150	1231	1297	1337	1289	1324	1322	1425	1351	1125	1095	877	936	875	771	465	210	141
25	773	872	1051	1140	1397	1313	1418	1327	1297	1228	1090	914	813	847	805	390	165	159	159
30	770	1031	1201	1279	1265	1305	1345	1325	1312	1308	1192	1062	748	709	493	233	249	149	107
35	794	1052	1154	1256	1285	1150	1181	1198	1254	1215	1120	1107	833	636	432	191	243	111	69.2
40	816	942	1032	1204	1257	1300	1236	1333	1245	1161	1062	981	827	585	287	123	146	41.8	29.6
45	712	868	979	1108	1080	1117	1103	1107	1085	1102	982	905	738	581	216	70.6	52.1	23.2	12.8
50	565	734	840	954	1036	1013	986	966	1049	972	861	769	604	432	152	35.3	20.5	9.87	8.13
55	448	582	694	797	907	946	863	922	899	862	691	619	477	361	89.3	18.5	11.5	7.45	5.70
60	291	429	557	676	709	727	697	741	723	703	585	462	314	187	44.6	13.7	7.37	4.61	4.12
65	136	278	407	559	659	622	553	620	675	567	427	303	166	50.2	24.9	9.73	4.51	2.68	2.57
70	35.7	146	305	379	557	566	501	570	566	385	340	173	50.6	17.8	21.0	6.75	2.67	2.02	2.07
75	19.0	50.7	186	264	402	447	436	445	442	277	218	69.1	24.0	12.4	19.0	5.20	2.02	1.46	1.48
80	13.5	28.3	66.1	164	259	293	288	310	259	194	96.5	35.9	17.0	10.4	15.4	4.44	1.62	1.16	1.17
85	9.74	23.0	42.3	75.4	116	126	157	153	136	96.8	50.5	26.7	11.3	7.60	14.2	3.81	1.59	1.26	1.31
90	8.30	17.8	32.9	50.3	66.7	82.8	93.8	92.7	76.1	58.6	37.0	21.0	9.49	6.08	7.53	3.48	1.70	1.43	1.41
95	2.86	4.86	8.66	25.3	45.7	64.2	64.9	71.2	47.4	27.0	13.4	5.75	4.46	3.03	3.18	2.10	0.87	0.74	1.00
100	4.02	2.29	19.9	20.8	11.7	22.6	25.8	23.3	12.3	21.9	21.4	3.13	4.55	1.41	2.92	1.33	0.71	0.69	0.78
105	5.52	2.93	19.4	19.2	5.50	40.7	42.2	40.7	7.77	23.6	21.7	3.49	5.49	2.42	2.38	1.36	0.60	0.69	0.83
110	4.71	2.48	14.1	12.3	11.4	32.5	35.3	32.2	8.97	15.6	17.5	2.96	4.97	2.33	2.59	0.77	0.45	0.50	0.60
115	3.82	1.73	9.60	8.09	22.3	32.5	42.6	32.5	18.8	8.54	11.5	2.14	4.09	2.13	2.09	1.06	0.15	0.31	0.38
120	2.76	1.05	5.74	7.81	22.4	30.6	38.7	30.6	23.3	7.14	6.29	1.25	3.16	1.80	1.75	1.11	0.24	0.09	0.09
125	1.36	0.42	4.60	10.5	19.0	27.6	32.4	27.7	21.6	8.87	4.83	0.49	1.73	1.40	1.57	1.03	0.31	0.18	0.27
130	1.09	2.12	4.48	10.3	17.0	24.3	27.3	24.2	17.4	10.8	4.21	2.36	1.36	0.74	1.48	1.13	0.27	0.15	0.32
135	1.20	2.60	4.89	9.49	14.3	20.7	22.9	20.6	14.7	10.6	4.62	2.40	1.30	0.36	1.27	0.78	0.22	0.14	0.22
140	1.08	2.01	5.17	9.45	13.6	17.2	18.1	17.9	14.3	9.65	4.17	1.59	1.16	0.86	0.96	0.54	0.14	0.16	0.24
145	0.28	1.48	0.21	6.59	10.5	14.3	15.6	14.0	10.7	7.53	0.24	1.80	0.35	1.09	0.62	0.31	0.06	0.14	0.22
150	0.77	1.56	2.25	4.52	7.60	10.6	12.0	11.6	9.40	6.13	2.81	1.96	0.69	1.02	0.22	0.11	0.08	0.10	0.19
155	0.24	1.14	2.17	0.08	5.37	7.66	8.64	8.13	6.15	0.00	1.04	1.32	0.34	0.37	0.02	0.05	0.08	0.08	0.14
160	0.00	0.83	1.53	2.57	0.37	0.15	1.15	0.33	0.28	2.63	0.67	0.00	0.00	0.00	0.01	0.02	0.06	0.07	0.13
165	0.00	0.54	0.89	0.72	0.07	1.61	2.12	2.02	1.74	1.37	0.84	0.48	0.00	0.11	0.04	0.00	0.00	0.02	0.02
170	0.00	0.00	0.03	0.03	0.00	0.20	0.36	0.42	0.43	0.39	0.28	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2091A P:24.86W PF:0.9911 Freq:60.01Hz Lamp Flux:2623.4x1 lm		
NAME: WALL MOUNT	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1084	1083	1085	1083	1082														
5	1032	1024	1068	981	1009														
10	884	959	904	990	1016														
15	408	763	862	1003	1059														
20	206	428	759	932	878														
25	157	151	416	724	784														
30	147	228	216	451	709														
35	102	218	181	374	608														
40	38.2	132	116	246	581														
45	21.4	42.3	71.1	187	541														
50	10.3	17.3	34.8	119	436														
55	7.38	10.8	16.6	70.8	340														
60	4.56	6.91	13.9	38.2	167														
65	2.66	4.03	8.72	30.4	40.2														
70	2.02	2.35	5.78	22.9	16.2														
75	1.50	1.78	4.32	17.3	10.7														
80	1.24	1.44	3.68	18.5	8.89														
85	1.33	1.44	3.28	15.3	7.22														
90	1.45	1.59	3.17	8.11	5.91														
95	0.71	0.74	1.81	1.90	2.34														
100	0.69	0.66	1.44	2.41	0.42														
105	0.72	0.56	1.07	2.65	1.34														
110	0.51	0.39	0.83	2.46	1.23														
115	0.31	0.12	1.12	2.06	1.11														
120	0.12	0.23	1.03	1.59	1.00														
125	0.23	0.30	0.91	1.44	0.85														
130	0.16	0.24	0.90	1.34	0.41														
135	0.13	0.20	0.64	1.18	1.04														
140	0.11	0.14	0.46	0.87	1.43														
145	0.07	0.06	0.25	0.55	0.55														
150	0.05	0.06	0.01	0.11	1.10														
155	0.08	0.05	0.02	0.04	0.37														
160	0.08	0.02	0.00	0.03	0.19														
165	0.00	0.00	0.00	0.00	0.10														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	1084	1087	1085	1085	1085	1084	1085	1084	1083	1085
3.0	1158	1148	1129	1109	1060	1118	1116	1093	1107	1094
6.0	1125	1152	1127	1133	1311	1155	1181	1232	1148	1232
9.0	1042	1147	1221	1276	1295	1287	1294	1265	1332	1216
12.0	1022	1204	1217	1307	1445	1539	1381	1361	1450	1295
15.0	1075	1136	1156	1250	1375	1577	1457	1565	1528	1357
18.0	1049	1051	1114	1305	1377	1462	1472	1571	1303	1398
21.0	853.7	984.4	1104	1253	1216	1384	1559	1437	1343	1208
24.0	805.4	919.0	1078	1175	1370	1326	1307	1266	1344	1250
27.0	790.9	965.3	1135	1228	1264	1298	1195	1256	1329	1254
30.0	770.4	1031	1201	1279	1265	1305	1345	1325	1312	1308
33.0	771.1	1065	1197	1257	1271	1283	1239	1268	1283	1203
36.0	860.1	1029	1106	1239	1231	1202	1310	1246	1231	1216
39.0	829.8	982.3	1067	1168	1217	1309	1369	1341	1247	1165
42.0	771.7	927.4	1035	1154	1221	1102	1095	1120	1229	1156
45.0	711.6	868.0	979.2	1108	1080	1117	1103	1107	1085	1102
48.0	627.3	808.3	869.1	1026	1090	1104	1075	1117	1064	1032
51.0	539.2	699.5	798.4	919.6	957.7	997.7	915.1	925.5	978.6	926.4
54.0	471.8	614.6	726.4	822.0	939.7	986.0	931.4	983.4	898.3	882.0
57.0	379.1	539.5	645.4	759.9	832.3	900.7	868.2	867.3	874.9	808.9
60.0	290.8	429.1	556.8	675.6	709.3	727.0	696.6	741.3	722.9	703.4
63.0	203.8	327.6	474.6	586.8	723.7	807.5	747.3	829.5	725.2	642.7
66.0	112.1	257.8	391.3	513.7	609.4	542.5	534.3	537.4	596.1	546.0
69.0	49.64	172.3	319.3	437.5	524.8	649.7	588.4	664.9	569.4	445.8
72.0	25.96	90.96	194.5	409.6	459.2	487.4	525.0	500.2	443.3	461.3
75.0	18.98	50.69	186.4	264.1	402.0	447.2	436.2	445.2	441.6	277.1
78.0	15.12	32.69	98.58	199.8	279.1	349.2	354.4	368.8	305.2	231.0
81.0	12.93	26.72	53.99	166.4	233.1	254.0	258.0	278.2	229.9	192.2
84.0	10.60	23.73	44.85	91.10	153.9	173.4	173.4	198.3	161.9	118.0
87.0	8.642	21.26	38.19	60.03	89.58	105.5	114.6	115.1	104.2	73.11
90.0	8.305	17.84	32.87	50.29	66.68	82.82	93.81	92.66	76.10	58.57
93.0	6.821	15.22	24.82	45.03	58.06	73.99	83.37	80.08	63.89	49.21
96.0	2.616	4.232	5.222	15.47	30.73	49.94	52.89	54.47	31.01	15.97
99.0	4.053	2.688	19.39	9.541	13.94	24.92	28.66	25.64	14.17	9.936
102.0	5.224	2.601	21.64	24.23	9.730	26.44	22.34	25.97	11.92	27.95
105.0	5.524	2.935	19.35	19.23	5.496	40.72	42.24	40.70	7.769	23.55
108.0	4.801	2.655	16.78	16.52	5.621	32.74	35.76	32.80	5.527	19.84
111.0	4.671	2.379	13.07	10.44	14.90	32.16	37.25	32.14	11.80	13.62
114.0	4.107	1.883	10.07	8.302	20.42	33.28	42.72	32.65	17.18	9.317
117.0	3.307	1.383	7.853	7.647	22.64	31.49	40.88	31.52	22.61	7.829
120.0	2.760	1.046	5.739	7.815	22.36	30.60	38.67	30.59	23.33	7.136
123.0	2.189	0.7932	5.002	8.866	20.02	28.83	35.33	28.94	22.63	8.045
126.0	0.9382	0.3591	4.513	10.66	18.89	27.03	31.17	27.13	21.23	9.633
129.0	0.9055	1.994	4.335	10.35	17.55	25.00	28.14	25.06	19.19	10.71
132.0	1.131	2.367	4.844	10.20	15.75	23.24	25.72	22.56	15.86	10.76
135.0	1.201	2.604	4.888	9.491	14.28	20.74	22.95	20.61	14.75	10.61
138.0	1.105	1.713	4.930	10.03	13.85	18.37	19.93	18.78	14.45	10.17
141.0	1.201	2.202	3.985	8.975	13.20	16.79	17.72	17.53	13.94	9.367
144.0	0.3802	1.347	0.3257	7.164	11.28	14.62	16.65	14.82	11.22	8.009
147.0	0.9140	1.731	0.7592	5.678	8.919	12.70	13.92	13.49	10.70	7.107
150.0	0.7713	1.558	2.248	4.524	7.601	10.56	11.97	11.58	9.399	6.126
153.0	0.5619	1.378	2.442	0.3508	6.613	9.017	10.08	9.579	7.592	0.7442
156.0	0.1147	1.043	2.033	0.3578	3.804	6.882	7.617	7.219	4.785	0.0033
159.0	0.0154	0.8823	1.668	2.789	0.1640	2.252	4.651	3.082	0.1192	2.679
162.0	0	0.7173	1.279	1.845	0.4314	0.0049	0.1135	0.2263	1.794	2.092
165.0	0	0.5368	0.8883	0.7182	0.0658	1.609	2.123	2.019	1.744	1.369
168.0	0	0.2301	0.2716	0.0999	0	0.6193	0.9281	0.9469	0.8811	0.7341
171.0	0	0	0.0003	0.0173	0	0.0754	0.1656	0.2243	0.2517	0.2275
174.0	0	0	0	0	0	0	0	0	0	0
177.0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1083	1082	1084	1087	1085	1085	1085	1084	1085	1084
3.0	1034	1035	1075	1061	970.8	978.5	1050	1076	1039	1048
6.0	1082	1063	1079	1034	949.0	953.3	1040	1053	979.6	1007
9.0	1207	1100	1041	988.9	947.6	941.9	855.3	821.1	870.1	905.3
12.0	1228	1172	1056	926.4	967.9	887.8	882.7	750.7	622.1	716.2
15.0	1294	1284	916.5	960.3	1001	861.7	640.3	454.0	343.1	408.1
18.0	1349	1245	923.9	1058	905.9	820.5	487.8	231.6	142.4	287.9
21.0	1189	1144	983.3	853.3	972.5	740.9	358.6	165.2	146.8	194.7
24.0	1087	945.3	876.9	827.2	679.5	533.0	208.9	152.8	156.0	151.1
27.0	1149	980.0	791.7	749.5	628.5	289.5	186.4	158.9	136.0	154.3
30.0	1192	1062	748.4	709.2	492.9	233.5	249.4	149.5	107.3	146.7

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators:Derek Lai
 Test Date:10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance:2.500m [K=1.1409]
 Remarks:

Photometric Data Table [cd]

33.0	1164	1099	790.9	638.7	452.3	213.1	277.2	131.7	94.60	128.7
36.0	1112	1070	883.9	639.3	381.1	186.9	226.2	95.48	59.97	87.44
39.0	1079	1006	892.4	639.3	309.9	126.5	169.3	47.20	34.81	44.96
42.0	1042	949.0	817.5	648.5	240.5	94.85	104.4	44.67	19.26	43.00
45.0	981.6	904.6	738.3	581.2	216.2	70.56	52.06	23.16	12.82	21.41
48.0	890.1	830.4	655.1	473.4	185.4	47.62	29.28	11.97	9.863	12.85
51.0	850.5	726.2	581.7	421.7	149.3	28.88	18.41	9.168	7.457	9.031
54.0	723.8	644.7	518.1	340.0	114.9	20.14	12.55	8.105	6.046	7.954
57.0	674.6	564.8	407.1	274.7	83.13	16.33	10.06	6.360	5.050	6.155
60.0	584.8	461.7	313.7	186.7	44.56	13.72	7.373	4.612	4.124	4.564
63.0	500.6	352.9	226.2	92.41	25.07	11.18	5.565	3.336	3.039	3.280
66.0	410.0	273.3	133.8	36.86	24.19	9.032	4.016	2.467	2.422	2.457
69.0	359.1	192.5	66.44	19.51	22.53	7.256	2.880	2.097	2.180	2.109
72.0	216.6	116.0	32.72	15.71	20.86	5.940	2.419	1.756	1.765	1.757
75.0	217.6	69.13	24.03	12.42	18.99	5.205	2.019	1.462	1.477	1.498
78.0	139.1	42.00	19.08	10.86	14.57	4.762	1.733	1.243	1.253	1.306
81.0	79.44	33.32	16.04	9.558	12.96	4.307	1.589	1.166	1.160	1.229
84.0	53.28	28.34	12.23	7.894	17.53	3.955	1.592	1.234	1.252	1.303
87.0	43.67	23.99	10.10	7.156	9.780	3.642	1.582	1.255	1.254	1.330
90.0	36.96	20.99	9.491	6.077	7.534	3.482	1.704	1.425	1.409	1.453
93.0	27.23	18.31	8.322	5.005	5.203	2.770	1.865	1.689	1.662	1.747
96.0	13.81	4.534	2.912	2.273	2.176	1.867	0.8067	0.5907	0.6062	0.6208
99.0	20.91	3.803	4.560	1.640	2.503	1.339	0.7509	0.6622	0.7022	0.6560
102.0	23.23	3.251	5.137	1.657	2.534	1.445	0.6629	0.7344	0.8525	0.7233
105.0	21.71	3.490	5.493	2.424	2.378	1.361	0.5993	0.6943	0.8290	0.7182
108.0	19.50	3.185	5.091	2.367	2.771	0.9283	0.5184	0.5705	0.6923	0.6042
111.0	15.13	2.849	5.077	2.289	2.496	0.8221	0.3916	0.4615	0.5518	0.4737
114.0	12.73	2.249	4.486	2.163	2.173	1.081	0.1351	0.3344	0.4219	0.3389
117.0	9.436	1.829	3.776	2.022	1.937	1.145	0.1823	0.0736	0.1032	0.0899
120.0	6.292	1.253	3.163	1.802	1.751	1.113	0.2435	0.0890	0.0910	0.1210
123.0	5.400	0.8600	2.860	1.621	1.616	1.022	0.3126	0.1060	0.1873	0.1491
126.0	4.647	0.4578	1.299	1.271	1.544	1.060	0.3107	0.1645	0.3104	0.2054
129.0	4.300	2.222	0.8206	0.8540	1.495	1.130	0.2905	0.1617	0.3171	0.1714
132.0	4.318	2.491	1.339	0.4304	1.411	1.022	0.2347	0.1259	0.2485	0.1307
135.0	4.619	2.402	1.303	0.3580	1.269	0.7800	0.2207	0.1373	0.2152	0.1335
138.0	4.662	1.978	1.183	0.6866	1.101	0.6230	0.1709	0.1725	0.2405	0.1333
141.0	3.799	1.274	0.9330	0.6251	0.8986	0.4850	0.1222	0.1535	0.2496	0.1029
144.0	0.6109	1.568	0.1179	0.4707	0.6808	0.3487	0.0763	0.1427	0.2310	0.0774
147.0	0.5594	2.231	0.8665	1.177	0.5061	0.2152	0.0734	0.1152	0.1945	0.0536
150.0	2.811	1.964	0.6888	1.018	0.2168	0.1089	0.0771	0.1024	0.1854	0.0492
153.0	2.603	1.678	0.4799	0.8276	0.0423	0.0638	0.0815	0.0920	0.1774	0.0826
156.0	0.3960	1.097	0.2061	0.2470	0.0196	0.0514	0.0754	0.0843	0.1425	0.0731
159.0	0.3563	0.0525	0	0.0371	0.0042	0.0378	0.0681	0.0643	0.1373	0.0694
162.0	1.047	0.1283	0	0.0067	0.0386	0.0048	0.0338	0.0687	0.0873	0.0460
165.0	0.8440	0.4837	0	0.1135	0.0401	0.0028	0	0.0230	0.0185	0.0000
168.0	0.4925	0.2496	0	0.0476	0.0068	0.0084	0.0045	0	0	0
171.0	0.1748	0.0313	0	0.0004	0	0	0	0	0	0
174.0	0	0	0	0	0	0	0	0	0	0
177.0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	315.0	330.0	345.0						
0.0	1083	1085	1083	1082						
3.0	1046	1023	1052	1132						
6.0	1056	951.2	1018	1101						
9.0	897.2	943.9	953.0	1023						
12.0	858.8	899.9	992.7	984.2						
15.0	763.4	861.7	1003	1059						
18.0	571.6	784.7	961.4	1002						
21.0	339.2	755.2	976.5	835.7						
24.0	177.6	409.4	744.7	801.4						
27.0	173.7	277.5	580.9	691.6						
30.0	227.5	216.2	450.5	708.8						
33.0	239.6	198.8	428.2	658.3						
36.0	204.0	172.4	326.4	616.0						
39.0	161.2	125.3	273.2	613.9						
42.0	77.60	97.16	211.5	574.0						
45.0	42.27	71.10	186.8	540.7						
48.0	26.16	47.84	174.8	457.6						
51.0	15.50	27.31	119.8	394.8						
54.0	11.47	18.80	88.51	316.8						
57.0	9.379	14.54	61.03	251.6						
60.0	6.909	13.89	38.20	167.5						
63.0	5.100	10.65	26.54	82.60						
66.0	3.576	7.946	31.58	28.80						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: Derek Lai
 Test Date: 10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance: 2.500m [K=1.1409]
 Remarks:

Photometric Data Table [cd]

69.0	2.525	6.222	23.62	18.12
72.0	2.120	4.980	25.89	13.28
75.0	1.776	4.323	17.32	10.66
78.0	1.521	3.896	17.59	9.146
81.0	1.426	3.580	16.89	8.687
84.0	1.471	3.348	17.10	7.445
87.0	1.433	3.218	9.625	6.650
90.0	1.588	3.170	8.113	5.907
93.0	1.783	2.370	3.778	3.961
96.0	0.7069	1.635	2.016	1.763
99.0	0.6780	1.370	2.736	0.6059
102.0	0.6343	1.457	2.139	0.8428
105.0	0.5595	1.068	2.646	1.340
108.0	0.4697	0.7425	2.666	1.283
111.0	0.3391	0.9069	2.389	1.202
114.0	0.1103	1.048	2.133	1.129
117.0	0.1606	1.114	1.826	1.064
120.0	0.2334	1.029	1.592	1.004
123.0	0.3169	0.9491	1.493	0.9365
126.0	0.3006	0.9354	1.427	0.7834
129.0	0.2526	0.9296	1.364	0.3976
132.0	0.2135	0.7912	1.287	0.5772
135.0	0.2027	0.6385	1.181	1.041
138.0	0.1766	0.5236	1.010	1.214
141.0	0.1312	0.4187	0.7999	1.414
144.0	0.0748	0.2880	0.6126	0.3204
147.0	0.0282	0.1742	0.3886	1.271
150.0	0.0570	0.0146	0.1069	1.097
153.0	0.0593	0.0376	0.0349	0.9630
156.0	0.0433	0.0237	0.0373	0.2800
159.0	0.0299	0.0111	0.0425	0.2105
162.0	0	0	0.0252	0.1617
165.0	0	0	0.0000	0.1028
168.0	0.0032	0	0	0.0454
171.0	0	0	0	0.0004
174.0	0	0	0	0
177.0	0	0	0	0
180.0	0	0	0	0

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: Derek Lai
 Test Date: 10 December 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.362
 Humidity: 40.5%
 Test Distance: 2.500m [K=1.1409]
 Remarks: