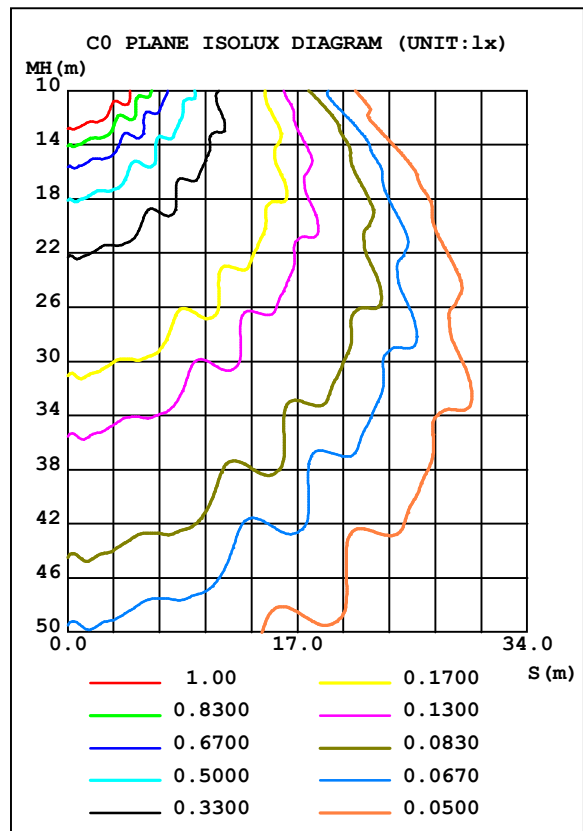
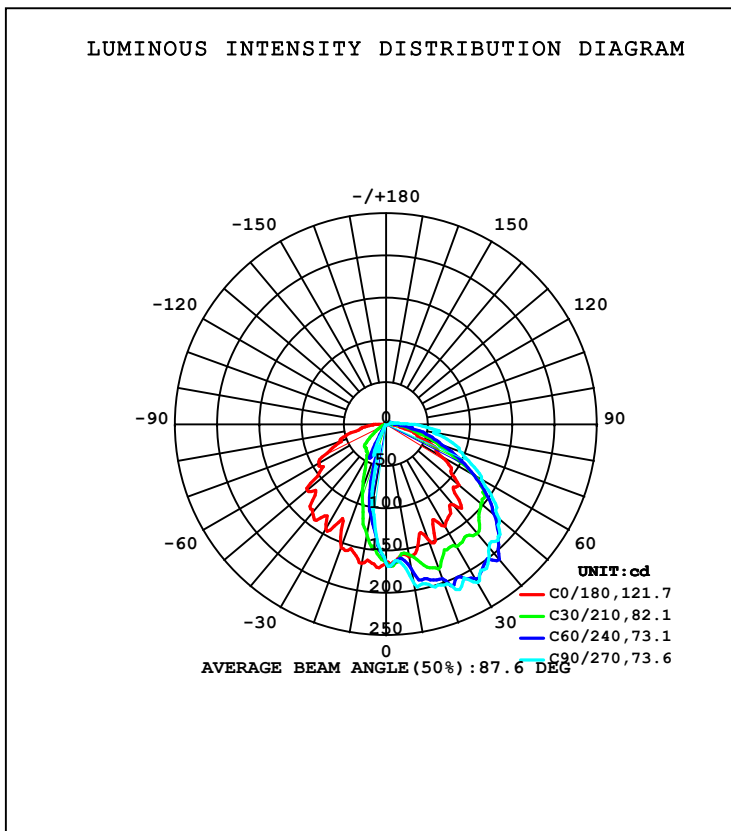


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.80 lm/W			
MODEL	D908S	I <sub>max</sub> (cd)	217.0	S/MH (C0/180)	1.25
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.37
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	433.44	η UP, DN (C0-180)	2.7, 81.0
NOMINAL FLUX (lm)	433.442	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 16.1
LAMPS INSIDE	1	η up (%)	2.9	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	220.1	η down (%)	97.1	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: NSZ  
 Test Date: 2019-05-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 1.900m [K=1.3915]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	159.3	163.7	192.2	171.3	167.4	114.9	97.84	104.6	0- 10	14.41	14.41	3.32,3.32
20	144.9	185.0	203.1	195.5	155.9	60.96	34.71	48.32	10- 20	38.16	52.57	12.1,12.1
30	139.7	188.4	216.9	198.0	143.2	42.23	6.328	38.62	20- 30	57.04	109.6	25.3,25.3
40	125.1	190.2	190.4	186.8	136.2	11.39	0.2959	3.857	30- 40	68.95	178.6	41.2,41.2
50	112.8	158.7	175.1	158.1	122.2	1.616	0	1.307	40- 50	74.09	252.6	58.3,58.3
60	75.96	114.4	131.0	119.9	92.22	0.9285	0	0.5553	50- 60	68.58	321.2	74.1,74.1
70	39.21	65.46	93.46	73.23	56.60	0.4694	0	0.2158	60- 70	51.99	373.2	86.1,86.1
80	19.03	30.04	57.20	36.39	29.71	0.2600	0.0010	0.0423	70- 80	31.73	404.9	93.4,93.4
90	3.743	10.20	30.86	13.70	12.38	0.0724	0	0	80- 90	15.90	420.8	97.1,97.1
100	0.1665	5.492	11.34	8.598	0.8452	0	0.0037	0.0007	90-100	6.353	427.2	98.6,98.6
110	0.4727	3.169	1.600	3.911	1.709	0	0.0050	0.0023	100-110	2.158	429.4	99.1,99.1
120	0.9160	3.953	5.030	4.892	0.9478	0	0.0084	0.0017	110-120	1.751	431.1	99.5,99.5
130	0.3642	2.337	3.252	3.045	0.6242	0	0.0010	0	120-130	1.414	432.5	99.8,99.8
140	0.0061	1.046	1.859	1.516	0.1300	0	0	0	130-140	0.6662	433.2	99.9,99.9
150	0	0.2278	0.7776	0.4784	0	0	0	0	140-150	0.2191	433.4	100,100
160	0	0	0.0893	0	0	0	0	0	150-160	0.0357	433.4	100,100
170	0	0	0	0	0	0	0	0	160-170	0.0003	433.4	100,100
180	0	0	0	0	0	0	0	0	170-180	0	433.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 215.39 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(120deg): 321.23 lm

%lum = 74.1%

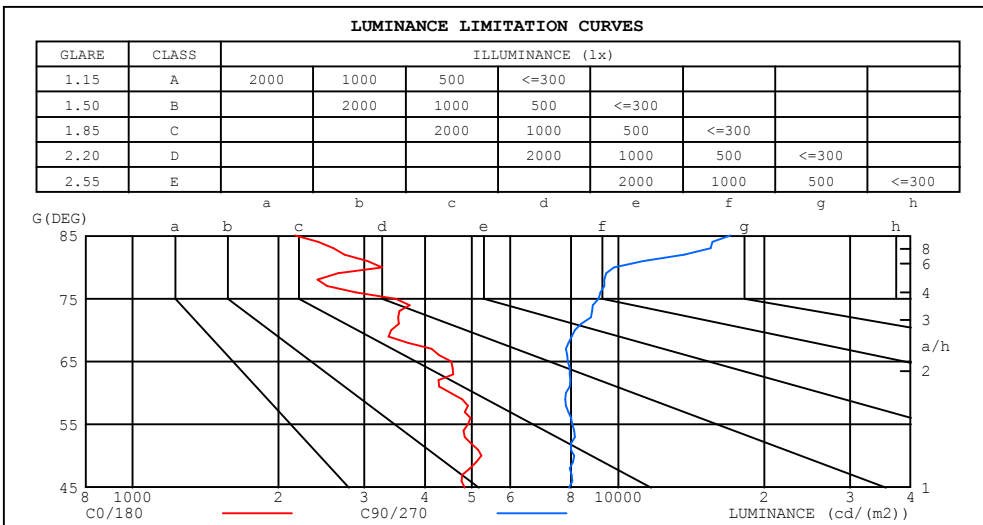
%lamp = 74.1%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:NSZ  
 Test Date:2019-05-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:1.900m [K=1.3915]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2162	17008
80	3261	9804
75	3485	9117
70	3412	8133
65	4530	7884
60	4521	7795
55	4901	8033
50	5225	8106
45	4828	7923

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: NSZ  
 Test Date: 2019-05-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 1.900m [K=1.3915]  
 Remarks:

WEC AND CCEC

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		Shielding Angle:

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.331	.188	.060	.323	.184	.058	.307	.176	.056	.294	.169	.054	.281	.163	.053	
2.0	.303	.166	.051	.296	.163	.050	.282	.157	.049	.270	.151	.047	.259	.146	.046	
3.0	.277	.147	.044	.271	.145	.044	.259	.140	.043	.248	.136	.042	.238	.132	.041	
4.0	.254	.132	.039	.248	.130	.038	.238	.126	.038	.228	.122	.037	.219	.119	.036	
5.0	.234	.119	.034	.229	.117	.034	.219	.114	.034	.210	.111	.033	.202	.108	.032	
6.0	.216	.108	.031	.212	.107	.031	.203	.104	.030	.195	.101	.030	.188	.099	.029	
7.0	.201	.099	.028	.197	.098	.028	.189	.096	.028	.182	.093	.027	.175	.091	.027	
8.0	.187	.091	.026	.183	.090	.026	.177	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.175	.085	.024	.172	.084	.023	.166	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.150	.075	.021	.145	.073	.021	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.204	.178	.155	.175	.153	.133	.119	.105	.092	.069	.061	.054	.022	.020	.017	
2.0	.196	.154	.119	.168	.133	.103	.115	.092	.072	.066	.053	.042	.021	.017	.014	
3.0	.188	.137	.096	.162	.118	.083	.111	.082	.058	.064	.048	.034	.021	.016	.011	
4.0	.181	.124	.080	.155	.107	.070	.107	.075	.049	.062	.044	.029	.020	.014	.010	
5.0	.173	.113	.069	.149	.098	.060	.102	.069	.043	.059	.040	.025	.019	.013	.008	
6.0	.166	.105	.062	.143	.091	.054	.098	.064	.038	.057	.038	.023	.018	.012	.007	
7.0	.159	.098	.056	.137	.085	.049	.094	.060	.034	.055	.035	.021	.018	.012	.007	
8.0	.152	.093	.051	.131	.080	.045	.091	.056	.032	.053	.033	.019	.017	.011	.006	
9.0	.146	.088	.048	.126	.076	.042	.087	.053	.030	.051	.032	.018	.016	.010	.006	
10.0	.141	.083	.045	.121	.072	.040	.084	.051	.028	.049	.030	.017	.016	.010	.006	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:NSZ  
 Test Date:2019-05-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:1.900m [K=1.3915]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm										
NAME: 82255					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: P.Q.L., Inc.								Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	23.5	25.0	23.8	25.3	25.6	24.9	26.4	25.2	26.7	27.0
3H	24.7	26.1	25.0	26.3	26.6	26.7	28.0	27.0	28.3	28.6
4H	25.1	26.4	25.4	26.7	27.0	27.5	28.8	27.9	29.1	29.5
6H	25.3	26.6	25.7	26.9	27.2	28.3	29.6	28.7	29.9	30.3
8H	25.4	26.6	25.8	26.9	27.3	29.0	30.2	29.4	30.6	30.9
12H	25.4	26.6	25.8	26.9	27.3	29.6	30.8	30.0	31.2	31.5
4H 2H	24.3	25.6	24.7	25.9	26.3	25.4	26.7	25.7	27.0	27.3
3H	25.6	26.8	26.0	27.1	27.5	27.2	28.4	27.6	28.7	29.1
4H	26.2	27.2	26.6	27.6	28.0	28.2	29.2	28.6	29.6	30.0
6H	26.6	27.5	27.0	27.9	28.4	29.2	30.1	29.6	30.5	30.9
8H	26.8	27.7	27.2	28.1	28.5	29.9	30.8	30.4	31.2	31.7
12H	26.9	27.7	27.3	28.1	28.6	30.7	31.5	31.1	31.9	32.4
8H 4H	26.5	27.4	27.0	27.8	28.3	28.3	29.2	28.8	29.6	30.1
6H	27.1	27.9	27.6	28.3	28.8	29.5	30.2	29.9	30.7	31.1
8H	27.4	28.1	27.9	28.6	29.1	30.3	31.0	30.8	31.4	32.0
12H	27.7	28.3	28.2	28.8	29.3	31.2	31.7	31.7	32.2	32.8
12H 4H	26.6	27.4	27.1	27.8	28.3	28.3	29.1	28.8	29.6	30.1
6H	27.3	27.9	27.8	28.4	28.9	29.5	30.1	30.0	30.6	31.1
8H	27.6	28.2	28.1	28.7	29.2	30.4	30.9	30.9	31.4	32.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.1 / - 0.1				
1.5H	+ 0.6 / - 0.7					+ 0.2 / - 0.3				
2.0H	+ 0.6 / - 1.2					+ 0.2 / - 0.6				

CIE Pub.117, 433.4 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = -2.9$ )

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:NSZ  
Test Date:2019-05-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:1.900m [K=1.3915]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		Shielding Angle:

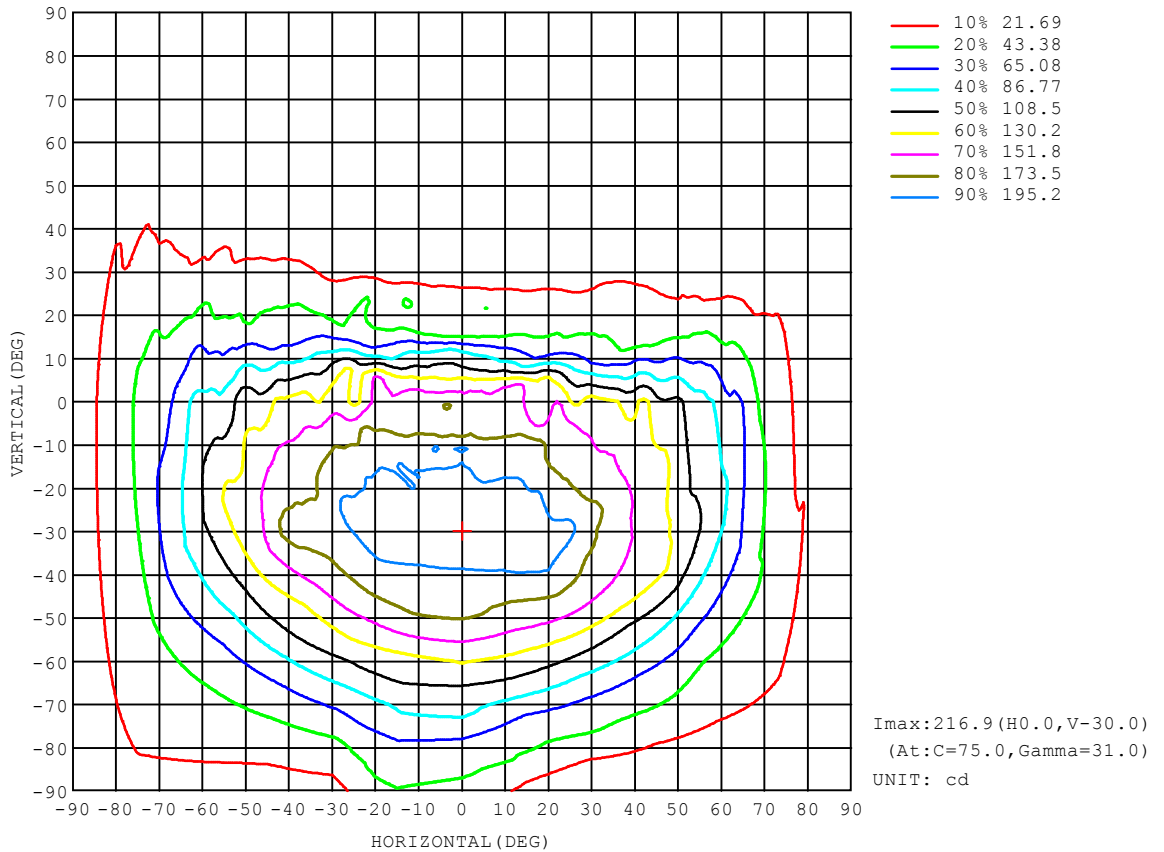
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	36	55	43	36	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	54	72	61	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	81	72	66	58
2.00	93	84	77	91	82	76	87	80	74	66
2.50	97	88	82	94	87	81	90	84	79	70
3.00	100	93	87	98	91	85	93	88	83	74
4.00	104	98	93	102	96	91	97	92	88	79
5.00	107	101	97	104	99	95	99	95	92	82
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:25.3DEG  
Operators:NSZ  
Test Date:2019-05-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:1.900m [K=1.3915]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		Shielding Angle:

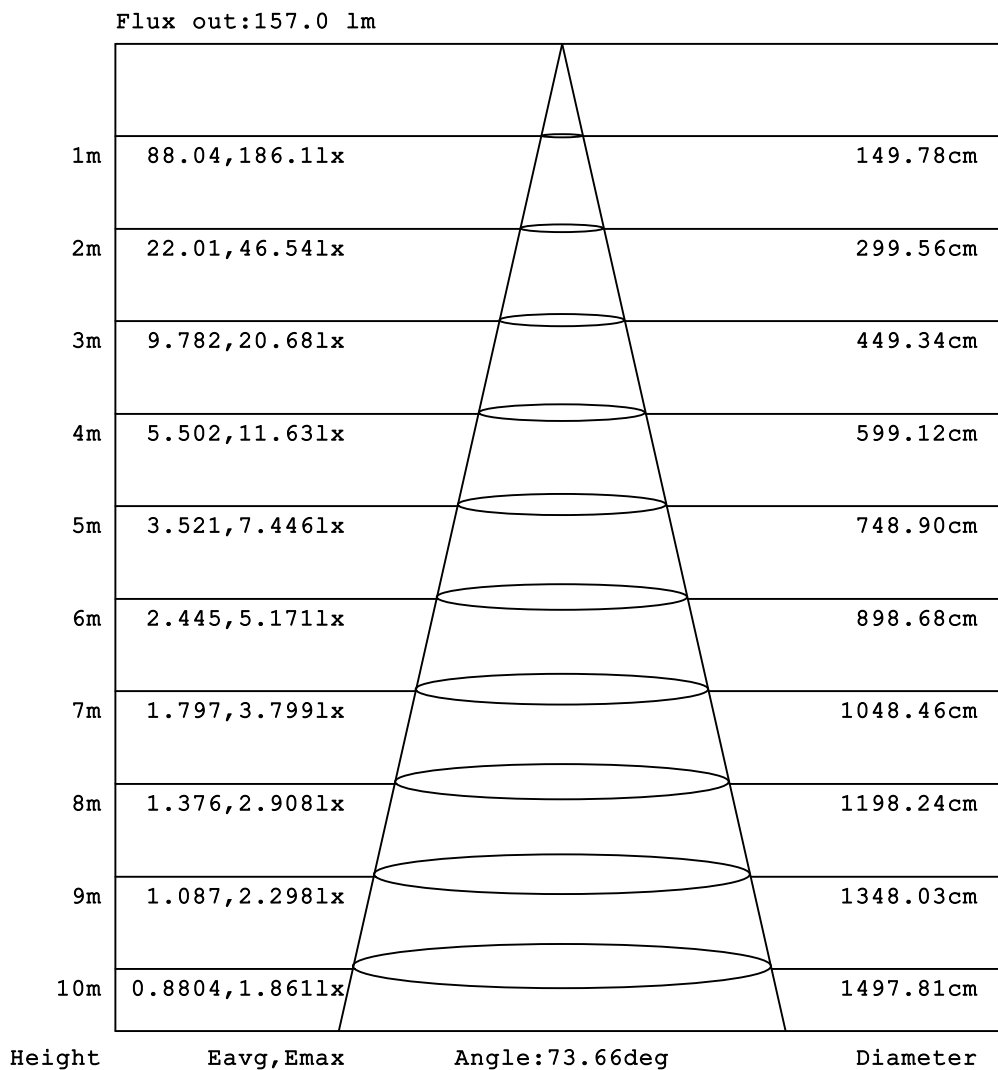


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:NSZ  
 Test Date:2019-05-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:1.900m [K=1.3915]  
 Remarks:

AAI Figure

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		Shielding Angle:



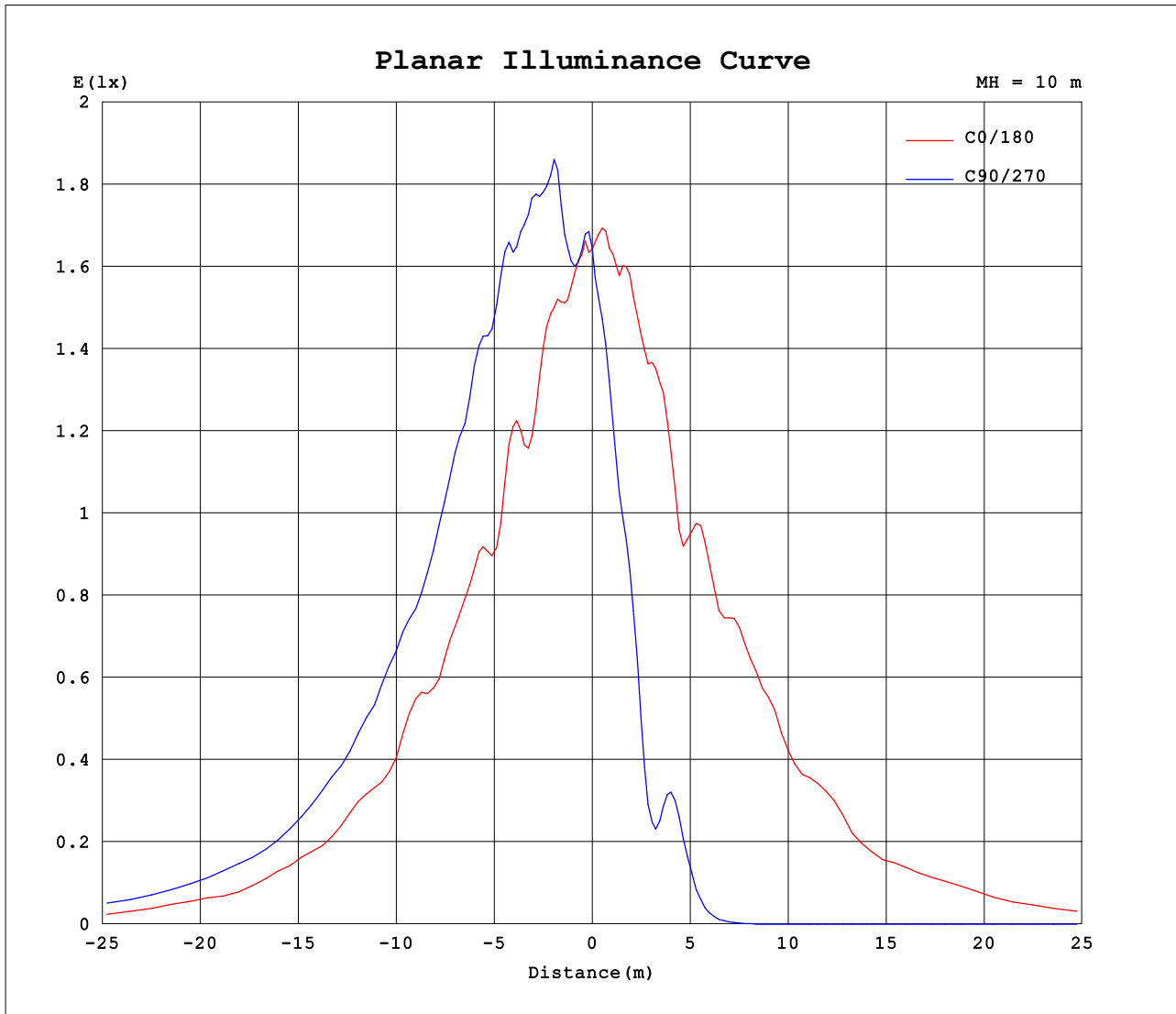
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: NSZ  
 Test Date: 2019-05-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 1.900m [K=1.3915]  
 Remarks:



## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: NSZ  
Test Date: 2019-05-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity: 65.0%  
Test Distance: 1.900m [K=1.3915]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		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	164	164	164	164	164	164	164	165	165	165	165	165	164	164	164	164	164	164	164
5	160	164	164	162	161	161	162	163	163	166	171	172	166	156	149	141	136	134	134
10	159	158	157	164	173	188	192	189	178	171	160	163	167	152	133	115	108	105	97.8
15	148	155	173	190	189	189	196	192	193	195	170	153	155	147	108	91.5	70.3	48.8	42.5
20	145	152	182	185	195	196	203	210	195	195	192	168	156	156	82.5	61.0	31.5	30.4	34.7
25	131	163	165	192	200	212	212	215	204	206	183	171	124	125	60.5	35.0	44.3	35.2	28.1
30	140	153	167	188	211	212	217	212	204	198	190	168	143	117	47.0	42.2	26.6	8.98	6.33
35	132	150	163	194	203	213	209	204	200	209	187	164	136	91.5	40.7	33.9	4.96	1.53	1.16
40	125	141	169	190	209	195	190	188	199	187	174	158	136	67.9	37.5	11.4	1.33	0.50	0.30
45	115	139	156	171	189	187	188	189	180	179	178	156	120	53.2	36.6	2.84	0.72	0.12	0.01
50	113	131	147	159	167	166	175	173	165	158	175	143	122	47.8	26.2	1.62	0.34	0.00	0.00
55	94.5	110	141	143	146	147	155	152	146	138	145	134	93.4	42.0	17.1	1.31	0.09	0.00	0.00
60	76.0	105	120	114	122	127	131	127	125	120	117	125	92.2	33.0	9.84	0.93	0.00	0.00	0.00
65	64.3	82.6	86.6	90.0	95.4	106	112	113	101	97.4	94.9	102	73.4	25.7	5.05	0.63	0.00	0.00	0.00
70	39.2	58.0	63.1	65.5	70.9	80.8	93.5	92.7	80.7	73.2	73.4	82.1	56.6	20.3	2.57	0.47	0.00	0.00	0.00
75	30.3	41.3	38.7	51.9	53.4	58.2	79.3	83.5	59.1	52.4	52.0	57.1	48.1	15.7	1.72	0.35	0.00	0.00	0.00
80	19.0	28.4	26.4	30.0	31.9	47.1	57.2	60.6	41.1	36.4	37.0	38.7	29.7	9.31	1.25	0.26	0.00	0.00	0.00
85	6.33	15.9	15.2	15.3	17.7	28.6	49.8	56.3	29.0	24.5	26.2	26.6	20.1	5.68	1.05	0.15	0.00	0.00	0.00
90	3.74	7.77	8.53	10.2	12.1	18.9	30.9	41.2	15.4	13.7	14.9	16.6	12.4	3.23	0.79	0.07	0.00	0.00	0.00
95	2.44	4.69	6.69	8.57	10.2	14.2	17.4	21.9	12.1	10.6	9.77	8.35	6.59	1.61	0.56	0.02	0.00	0.00	0.00
100	0.17	0.08	1.61	5.49	9.01	11.0	11.3	15.5	10.3	8.60	3.33	0.98	0.85	0.17	0.04	0.00	0.00	0.00	0.00
105	1.72	1.92	3.42	0.16	2.71	5.31	6.18	6.16	4.77	1.41	4.49	4.63	3.11	0.93	0.35	0.00	0.00	0.01	0.00
110	0.47	0.59	0.66	3.17	4.12	1.85	1.60	1.72	2.78	3.91	1.69	2.14	1.71	0.34	0.04	0.00	0.00	0.01	0.01
115	0.30	0.22	2.65	4.83	5.71	5.93	4.89	5.42	6.42	5.91	2.67	0.74	0.24	0.00	0.00	0.00	0.00	0.01	0.01
120	0.92	0.96	2.80	3.95	4.71	5.10	5.03	5.30	5.33	4.89	3.94	2.26	0.95	0.26	0.01	0.00	0.00	0.00	0.01
125	0.59	0.68	2.18	3.10	3.77	4.06	4.06	4.23	4.28	3.96	3.16	2.17	1.19	0.15	0.04	0.00	0.00	0.00	0.00
130	0.36	0.89	1.59	2.34	2.88	3.16	3.25	3.34	3.32	3.05	2.47	1.53	0.62	0.27	0.00	0.00	0.00	0.00	0.00
135	0.17	0.54	1.08	1.64	2.09	2.38	2.54	2.53	2.46	2.23	1.76	0.00	0.35	0.14	0.00	0.00	0.00	0.00	0.00
140	0.01	0.00	0.53	1.05	1.40	1.64	1.86	1.82	1.72	1.52	1.15	0.48	0.13	0.04	0.00	0.00	0.00	0.00	0.00
145	0.00	0.06	0.00	0.57	0.85	1.07	1.28	1.21	1.10	0.93	0.66	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.06	0.23	0.43	0.61	0.78	0.71	0.61	0.48	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.15	0.27	0.36	0.33	0.26	0.15	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.05	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	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
170	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
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:25.3DEG  
 Operators:NSZ  
 Test Date:2019-05-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:1.900m [K=1.3915]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:4.8618V I:0.8845A P:4.3001W PF:1.0000 Freq:0Hz Lamp Flux:433.442x1 lm		
NAME: 82255	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: P.Q.L., Inc.		Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	165	165	165	165	165														
5	135	137	145	152	156														
10	93.8	95.3	105	133	157														
15	46.6	60.2	75.5	94.2	150														
20	35.8	30.9	48.3	61.4	133														
25	31.9	42.7	35.6	47.7	99.6														
30	6.06	15.5	38.6	39.8	70.5														
35	1.18	2.42	18.8	37.0	49.6														
40	0.41	1.05	3.86	35.0	41.7														
45	0.06	0.54	1.70	24.4	33.5														
50	0.00	0.18	1.31	15.6	30.4														
55	0.00	0.01	0.87	6.47	26.6														
60	0.00	0.00	0.56	3.01	20.0														
65	0.00	0.00	0.36	1.78	11.4														
70	0.00	0.00	0.22	1.28	4.71														
75	0.00	0.00	0.11	0.95	2.92														
80	0.00	0.00	0.04	0.78	2.30														
85	0.00	0.00	0.01	0.57	1.49														
90	0.00	0.00	0.00	0.38	1.17														
95	0.00	0.00	0.00	0.26	0.98														
100	0.01	0.01	0.00	0.00	0.18														
105	0.01	0.01	0.00	0.09	0.63														
110	0.01	0.01	0.00	0.00	0.06														
115	0.01	0.01	0.00	0.00	0.20														
120	0.01	0.00	0.00	0.00	0.24														
125	0.00	0.00	0.00	0.00	0.13														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
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:25.3DEG  
 Operators: NSZ  
 Test Date:2019-05-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:1.900m [K=1.3915]  
 Remarks: