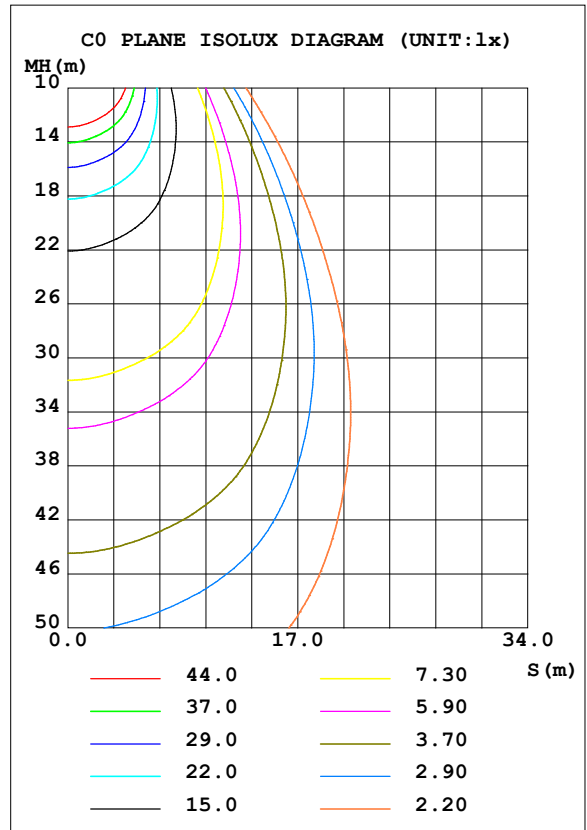
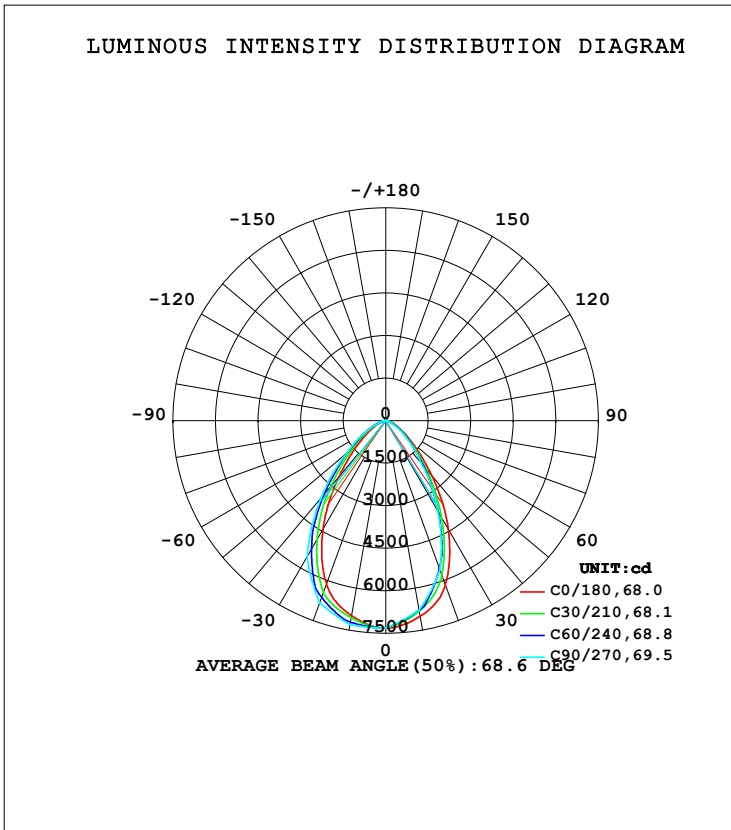


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.69 lm/W			
MODEL	LEXS-L2-V1-5-V60-C	I <sub>max</sub> (cd)	7317	S/MH (C0/180)	1.00
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	1.13
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	10059	η UP, DN (C0-180)	0.0, 43.6
NOMINAL FLUX (lm)	10059.1	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 56.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.05



H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	7005	6791	6787	6777	6980	7129	7301	7148	0- 10	679.2	679.2	6.75,6.75
20	6155	5606	5594	5586	6122	6483	6830	6520	10- 20	1857	2536	25.2,25.2
30	4413	3831	3676	3845	4438	5078	5548	5103	20- 30	2442	4978	49.5,49.5
40	2522	2084	1933	2086	2558	3221	3536	3217	30- 40	2204	7182	71.4,71.4
50	1226	1044	954.2	1024	1241	1651	1776	1614	40- 50	1484	8666	86.1,86.1
60	563.0	494.8	410.3	471.2	569.3	805.7	825.0	758.1	50- 60	836.9	9503	94.5,94.5
70	246.2	175.4	65.44	184.1	246.7	331.7	253.3	318.4	60- 70	401.1	9904	98.5,98.5
80	70.34	23.60	30.62	27.54	67.70	74.53	54.54	85.56	70- 80	136.9	10041	99.8,99.8
90	1.046	0	0	0	0.8509	0	0	0	80- 90	18.55	10059	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 8016.7 lm

%lum = 79.7%

%lamp = 79.7%

Conical surface Flux(120deg): 9502.5 lm

%lum = 94.5%

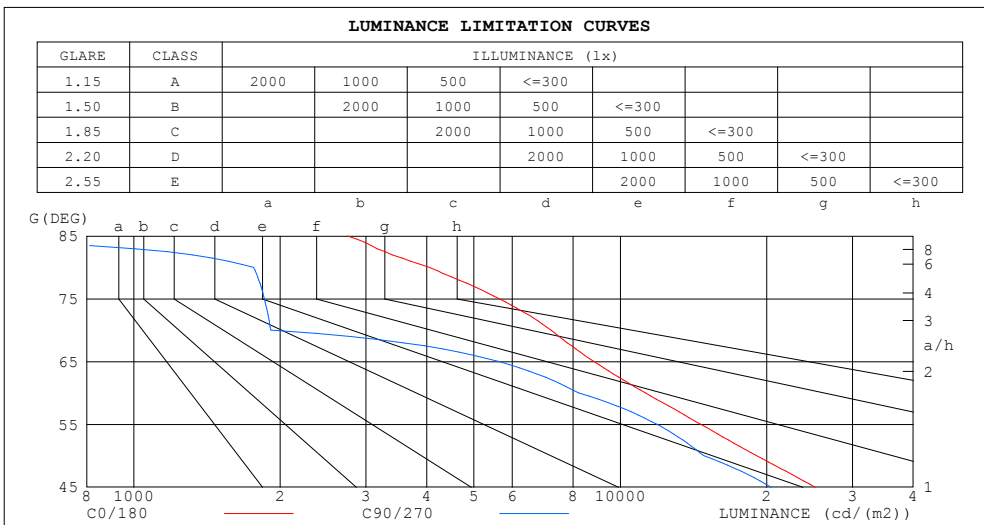
%lamp = 94.5%

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2749	0
80	4051	1763
75	5633	1856
70	7199	1913
65	8820	5629
60	11260	8206
55	14624	11895
50	19066	14845
45	25157	20416

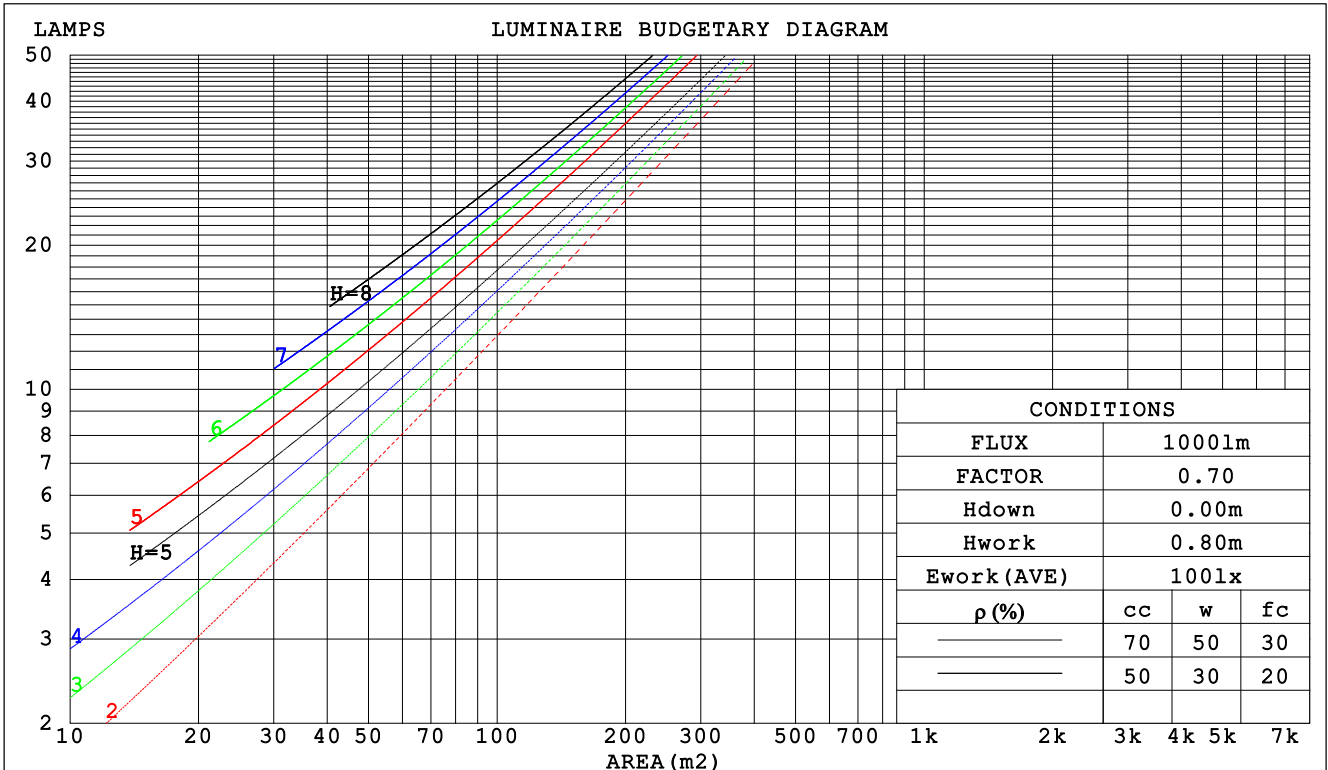
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.09	1.05	1.03	1.06	1.04	1.01	1.02	.90	.98	.98	.97	.95	.95	.94	.92	.90
2.0	.99	.94	.89	.97	.92	.88	.93	.90	.86	.90	.87	.84	.87	.85	.83	.81
3.0	.90	.84	.79	.88	.83	.78	.86	.81	.77	.83	.79	.75	.81	.77	.74	.72
4.0	.82	.75	.70	.81	.74	.69	.78	.73	.69	.76	.72	.68	.74	.70	.67	.65
5.0	.75	.68	.63	.74	.68	.62	.72	.66	.62	.70	.65	.61	.69	.64	.61	.59
6.0	.69	.62	.57	.68	.62	.57	.67	.61	.56	.65	.60	.56	.64	.59	.55	.54
7.0	.64	.57	.52	.63	.57	.52	.62	.56	.51	.61	.55	.51	.59	.54	.51	.49
8.0	.59	.52	.47	.59	.52	.47	.58	.52	.47	.57	.51	.47	.55	.50	.47	.45
9.0	.55	.48	.44	.55	.48	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.42
10.0	.52	.45	.41	.51	.45	.40	.50	.44	.40	.50	.44	.40	.49	.44	.40	.39



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

WEC AND CCEC

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

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	.220	.125	.040	.213	.122	.039	.201	.115	.037	.189	.109	.035	.178	.103	.033	
2.0	.214	.117	.036	.208	.115	.035	.197	.109	.034	.187	.105	.033	.177	.100	.032	
3.0	.204	.108	.032	.198	.106	.032	.189	.102	.031	.180	.099	.030	.172	.095	.029	
4.0	.193	.100	.029	.188	.099	.029	.180	.095	.028	.172	.092	.028	.165	.090	.027	
5.0	.182	.093	.027	.178	.092	.027	.171	.089	.026	.164	.087	.026	.158	.084	.025	
6.0	.172	.086	.025	.169	.085	.025	.162	.083	.024	.156	.081	.024	.150	.079	.024	
7.0	.163	.081	.023	.160	.080	.023	.154	.078	.022	.149	.076	.022	.144	.075	.022	
8.0	.155	.076	.021	.152	.075	.021	.147	.073	.021	.142	.072	.021	.137	.070	.021	
9.0	.147	.071	.020	.144	.070	.020	.140	.069	.020	.135	.068	.019	.131	.067	.019	
10.0	.140	.067	.019	.138	.066	.019	.133	.065	.018	.129	.064	.018	.125	.063	.018	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.174	.157	.141	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.162	.132	.107	.139	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.152	.114	.084	.130	.098	.073	.089	.068	.051	.052	.040	.030	.017	.013	.010	
4.0	.143	.100	.067	.123	.086	.058	.084	.060	.041	.049	.035	.024	.016	.011	.008	
5.0	.135	.089	.054	.116	.077	.047	.080	.054	.033	.046	.031	.020	.015	.010	.007	
6.0	.128	.080	.045	.110	.069	.039	.076	.048	.028	.044	.028	.017	.014	.009	.005	
7.0	.122	.073	.038	.105	.063	.033	.072	.044	.024	.042	.026	.014	.014	.009	.005	
8.0	.116	.067	.033	.100	.058	.028	.069	.041	.020	.040	.024	.012	.013	.008	.004	
9.0	.111	.062	.028	.095	.053	.025	.066	.038	.018	.039	.022	.010	.012	.007	.003	
10.0	.106	.057	.025	.091	.050	.022	.063	.035	.016	.037	.021	.009	.012	.007	.003	

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm										
NAME: LED Explosion-proof Flood Light					TYPE:Floodlight			WEIGHT:N/A		
SPEC.:80W					DIM.: N/A			SERIAL No.:N/A		
MFR.: LDPI Inc.,Ltd					SUR.:N/A			Shielding Angle:N/A		
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	12.2	13.4	12.5	13.6	13.8	11.3	12.5	11.6	12.7	12.9
3H	12.6	13.7	12.8	13.9	14.1	11.3	12.4	11.6	12.6	12.9
4H	12.7	13.7	13.0	13.9	14.2	11.3	12.3	11.6	12.5	12.8
6H	12.7	13.7	13.0	13.9	14.2	11.2	12.2	11.5	12.4	12.7
8H	12.7	13.6	13.0	13.9	14.1	11.2	12.1	11.5	12.4	12.6
12H	12.6	13.5	13.0	13.8	14.1	11.1	12.0	11.4	12.3	12.6
4H 2H	12.2	13.3	12.5	13.5	13.8	11.4	12.5	11.7	12.7	12.9
3H	12.7	13.6	13.0	13.9	14.2	11.5	12.4	11.8	12.7	13.0
4H	12.9	13.7	13.2	14.0	14.3	11.4	12.3	11.8	12.6	12.9
6H	12.9	13.7	13.3	14.0	14.3	11.4	12.1	11.8	12.4	12.8
8H	12.9	13.6	13.3	14.0	14.3	11.4	12.0	11.8	12.4	12.7
12H	12.9	13.5	13.3	13.9	14.3	11.3	11.9	11.7	12.3	12.7
8H 4H	12.8	13.4	13.2	13.8	14.2	11.4	12.0	11.8	12.4	12.8
6H	12.9	13.4	13.3	13.8	14.2	11.3	11.9	11.8	12.3	12.7
8H	12.9	13.3	13.3	13.8	14.2	11.3	11.8	11.8	12.2	12.7
12H	12.8	13.3	13.3	13.7	14.2	11.3	11.7	11.7	12.1	12.6
12H 4H	12.7	13.3	13.1	13.7	14.1	11.3	11.9	11.8	12.3	12.7
6H	12.8	13.3	13.3	13.7	14.1	11.3	11.8	11.8	12.2	12.6
8H	12.8	13.2	13.3	13.7	14.1	11.3	11.7	11.8	12.1	12.6
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.3					+ 1.2 / - 1.9				
1.5H	+ 1.7 / - 1.1					+ 1.3 / - 1.1				
2.0H	+ 2.5 / - 1.9					+ 2.3 / - 2.4				

CIE Pub.117, 10059 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.0)

H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

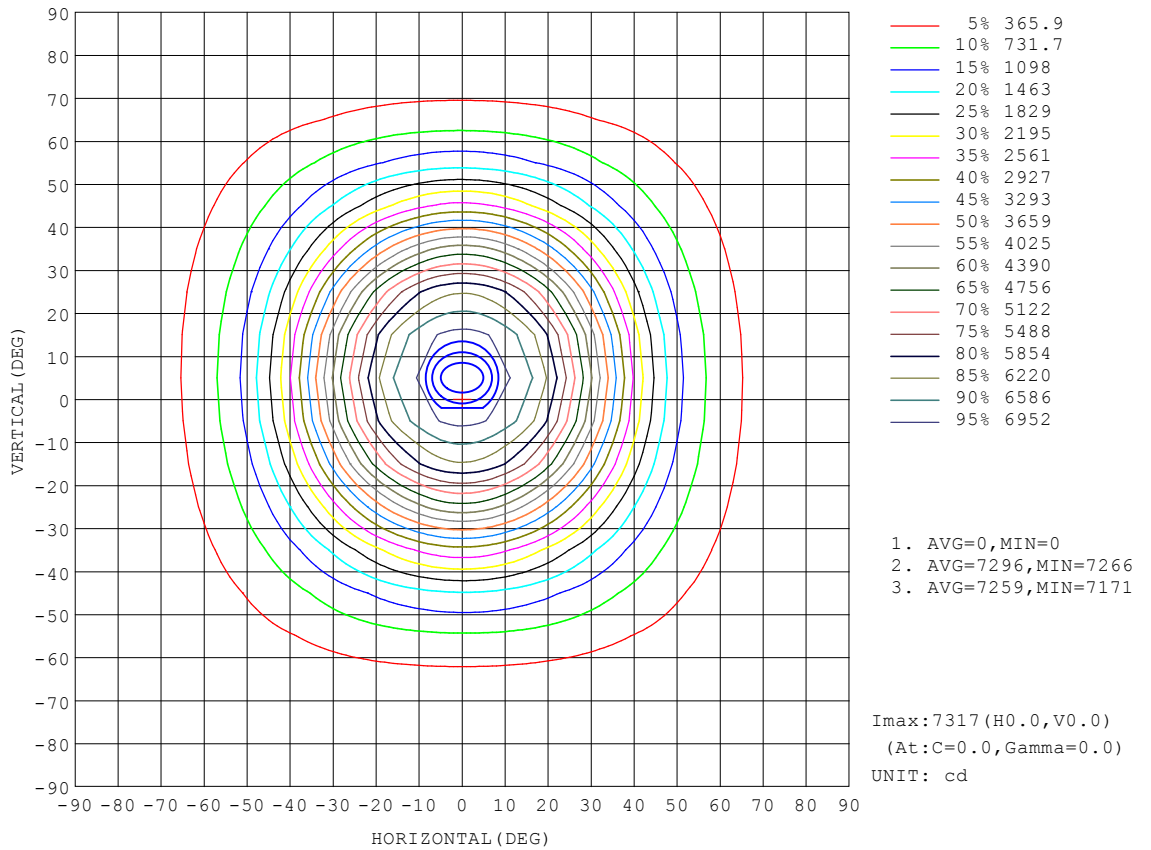
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	73	65	59	73	64	59	72	64	59	54
0.80	83	74	69	82	74	69	80	73	68	63
1.00	90	82	77	89	81	76	87	82	76	70
1.25	95	88	83	94	87	83	92	86	82	76
1.50	99	92	88	98	91	87	95	90	86	80
2.00	104	98	93	102	97	93	99	95	91	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	103	100	97	90
4.00	111	107	104	109	106	103	105	102	100	92
5.00	113	109	107	110	108	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

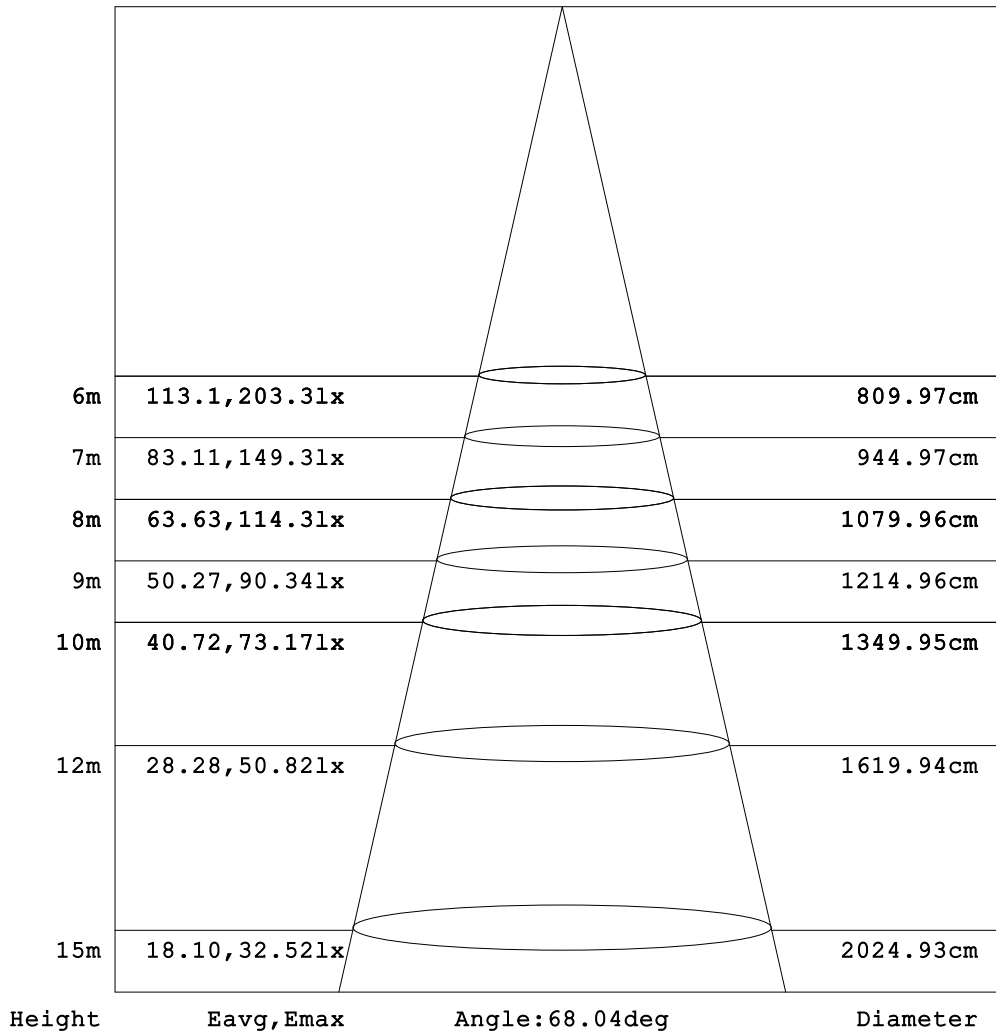
V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:6043 lm



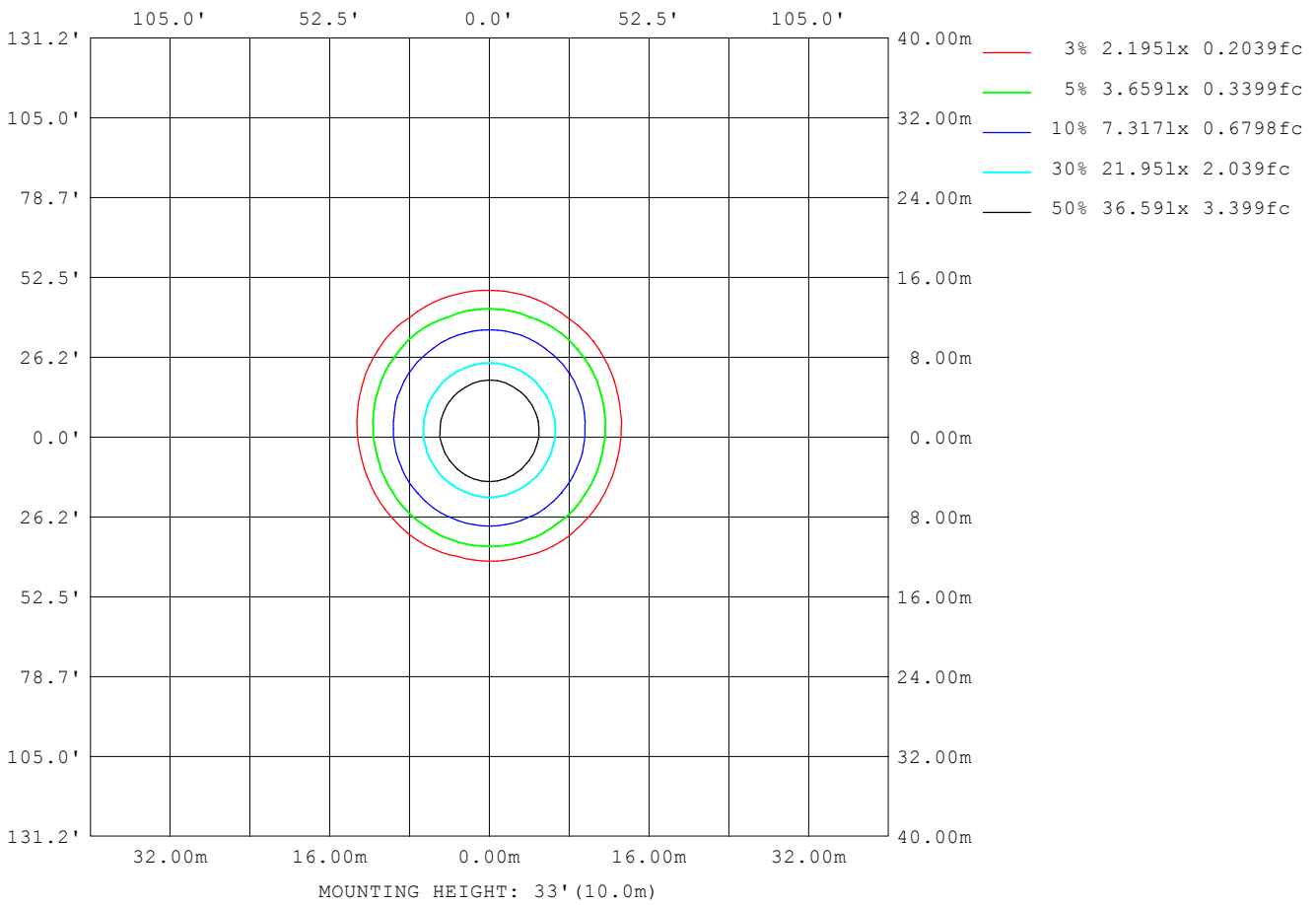
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

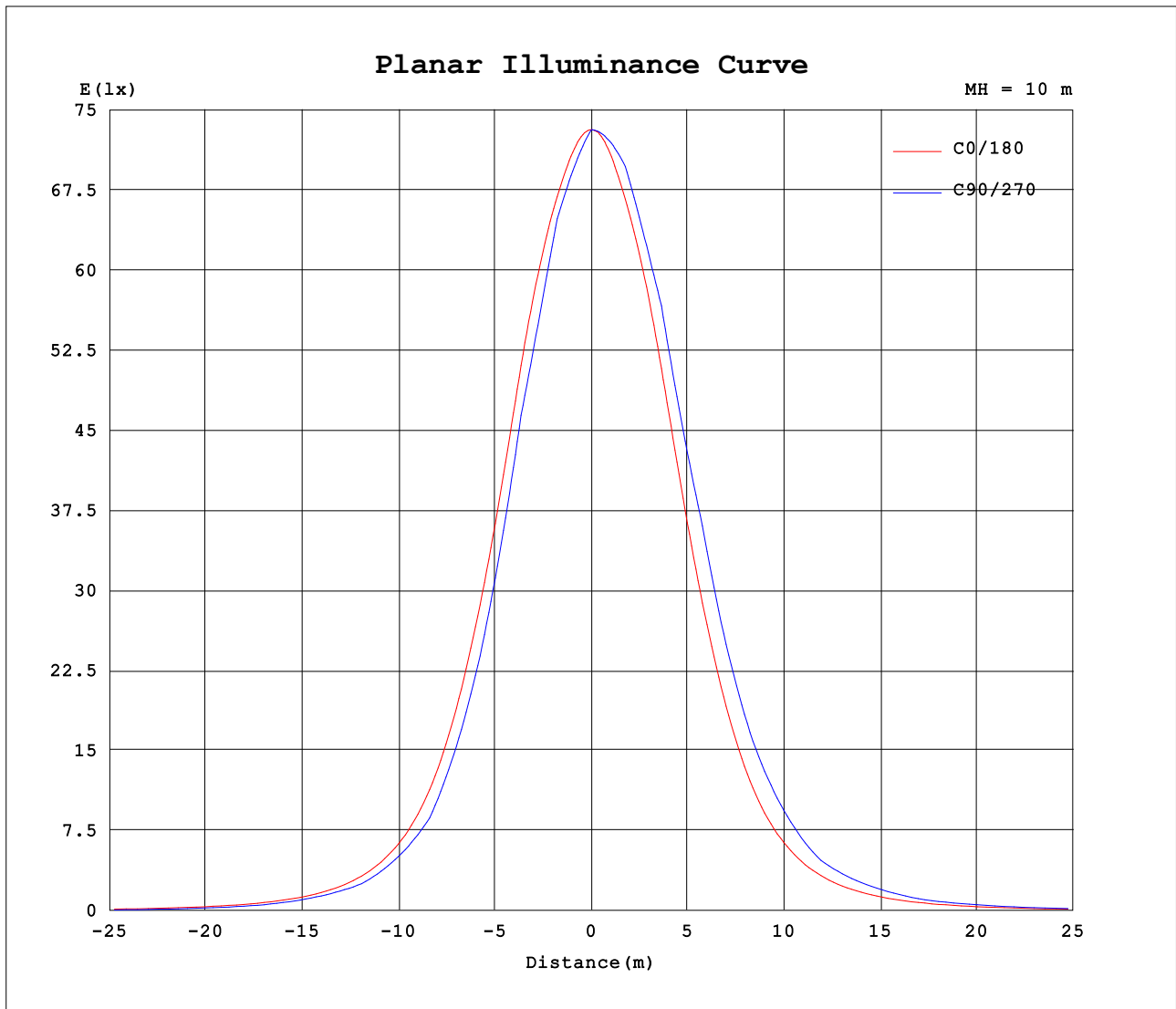
AvgL	cd/m2
L_0~180 (65) av	8868
L_0~180 (75) av	5613
L_0~180 (85) av	2605
L_90~270 (65) av	9193
L_90~270 (75) av	3902
L_90~270 (85) av	0
L_45 (65) av	9983
L_45 (75) av	4374
L_45 (85) av	1116

Standard: GB/T 29293-2012

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

Planar Illuminance Curve



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317
5	7222	7201	7181	7162	7145	7130	7117	7105	7095	7085	7077	7071	7065	7061	7056	7053	7051	7051	7052
10	7005	6962	6924	6890	6861	6838	6820	6806	6796	6791	6787	6785	6786	6786	6785	6784	6784	6784	6787
15	6696	6619	6553	6499	6459	6431	6417	6411	6414	6367	6315	6275	6244	6223	6209	6198	6192	6188	6190
20	6155	6042	5951	5885	5841	5819	5795	5716	5654	5606	5570	5547	5537	5539	5550	5565	5578	5588	5594
25	5335	5208	5115	5055	5026	4967	4887	4828	4790	4764	4753	4716	4681	4659	4645	4639	4636	4635	4635
30	4413	4282	4195	4152	4094	4005	3945	3911	3888	3831	3781	3741	3711	3692	3683	3678	3678	3677	3676
35	3452	3327	3257	3227	3133	3068	3024	2986	2941	2894	2845	2799	2803	2808	2809	2809	2807	2806	2805
40	2522	2428	2386	2337	2278	2236	2203	2169	2124	2084	2085	2076	2059	2034	2005	1977	1954	1938	1933
45	1779	1713	1694	1641	1611	1586	1559	1523	1521	1511	1486	1445	1431	1439	1443	1445	1447	1445	1444
50	1226	1182	1162	1137	1122	1107	1088	1086	1074	1044	1049	1050	1044	1033	1015	995	977	962	954
55	839	814	798	786	774	767	760	750	749	746	736	718	709	706	701	696	690	685	682
60	563	548	536	527	521	516	509	512	506	495	493	487	476	462	447	434	422	413	410
65	373	365	357	350	345	341	339	331	329	320	304	284	274	265	256	249	243	239	238
70	246	240	234	229	226	223	216	207	193	175	158	141	124	108	93.3	81.0	71.9	66.7	65.4
75	146	144	140	136	133	124	113	95.3	74.1	51.0	40.3	41.5	42.5	43.2	44.1	45.3	46.3	47.4	48.0
80	70.3	69.1	66.0	61.2	52.3	38.0	20.8	22.1	22.8	23.6	24.4	25.4	26.4	26.8	27.5	28.7	29.4	30.3	30.6
85	24.0	24.8	18.3	10.7	9.83	8.83	7.98	7.84	6.95	6.08	5.18	4.30	3.40	2.43	1.63	0.97	0.44	0.11	0.00
90	1.05	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

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:CL	Test Distance:6.010m [K=1.0000]
Test Date:06 December 2018	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table with 3 columns: NAME, TYPE, WEIGHT, SPEC., DIM., SERIAL No., MFR., SUR., Shielding Angle.

Table with 19 columns (C (DEG) 95-185) and 19 rows (gamma (DEG) 0-90). UNIT: cd

H(beta) Range:-90 - 90DEG
H(beta) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:06 December 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317
5	7223	7225	7229	7234	7240	7247	7255	7263	7271	7280	7286	7294	7298	7302	7306	7307	7309	7309	7308
10	6989	7000	7014	7032	7053	7077	7102	7129	7156	7183	7209	7234	7256	7274	7288	7297	7301	7303	7297
15	6683	6705	6735	6772	6815	6862	6910	6922	6931	6948	6970	6993	7016	7036	7051	7060	7065	7066	7059
20	6161	6213	6283	6369	6439	6440	6455	6483	6523	6572	6626	6684	6736	6777	6805	6822	6830	6826	6811
25	5405	5488	5600	5666	5697	5746	5814	5898	5994	6032	6055	6083	6115	6143	6166	6181	6189	6188	6177
30	4518	4628	4717	4765	4845	4949	5048	5078	5126	5182	5241	5304	5371	5437	5492	5530	5548	5540	5511
35	3589	3714	3754	3840	3965	4027	4078	4148	4232	4324	4365	4400	4434	4474	4508	4531	4542	4539	4522
40	2672	2749	2820	2935	2997	3060	3135	3221	3287	3335	3371	3403	3436	3471	3505	3527	3536	3531	3512
45	1911	1954	2042	2103	2163	2229	2295	2354	2396	2421	2467	2525	2571	2606	2635	2651	2656	2651	2634
50	1319	1367	1429	1474	1530	1581	1624	1651	1710	1756	1787	1802	1803	1795	1788	1781	1776	1776	1779
55	907	952	983	1026	1068	1100	1139	1180	1203	1202	1220	1248	1270	1285	1296	1301	1300	1294	1283
60	616	644	677	704	735	763	787	806	832	850	861	866	862	853	842	832	825	823	826
65	413	429	448	469	487	504	527	543	549	547	553	555	553	549	545	541	539	538	539
70	272	284	295	305	318	328	329	332	331	325	315	301	287	274	262	255	253	258	267
75	169	178	186	193	193	186	176	162	154	154	154	154	154	154	154	153	154	155	157
80	85.9	91.4	92.3	84.2	74.7	76.7	76.5	74.5	71.7	68.8	65.3	61.9	58.8	56.4	55.0	54.4	54.5	55.3	56.9
85	29.2	24.0	23.9	21.5	16.9	15.9	14.2	12.3	10.4	8.45	6.46	4.62	3.03	1.75	0.80	0.20	0.00	0.21	0.83
90	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

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:6.010m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.99V I:0.6667A P:79.399W PF:0.9926 Freq:59.98Hz Lamp Flux:10059.1x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317	7317				
5	7305	7301	7296	7289	7283	7275	7267	7259	7251	7244	7237	7232	7228	7224	7223				
10	7285	7268	7247	7223	7198	7173	7148	7122	7098	7076	7056	7039	7025	7014	7008				
15	7046	7028	7009	6990	6974	6959	6952	6942	6894	6848	6807	6771	6740	6717	6703				
20	6785	6747	6706	6655	6604	6556	6520	6498	6487	6490	6421	6336	6263	6206	6170				
25	6158	6140	6115	6090	6067	6032	5939	5859	5790	5742	5713	5641	5515	5419	5359				
30	5463	5405	5340	5275	5215	5157	5103	5065	4964	4861	4781	4735	4638	4517	4442				
35	4494	4460	4422	4387	4343	4244	4154	4079	4024	3956	3837	3755	3722	3583	3487				
40	3477	3437	3402	3367	3329	3280	3217	3126	3046	2977	2910	2800	2736	2659	2559				
45	2602	2559	2506	2443	2395	2372	2330	2274	2210	2139	2074	2012	1935	1902	1812				
50	1783	1782	1776	1757	1723	1674	1614	1592	1553	1504	1442	1394	1342	1303	1252				
55	1267	1244	1218	1185	1163	1160	1137	1099	1060	1029	991	951	923	888	860				
60	830	833	833	826	811	789	758	742	722	694	668	647	620	597	581				
65	538	538	534	526	513	512	508	494	472	459	441	426	412	398	387				
70	280	294	307	317	323	323	318	311	309	301	290	281	272	262	254				
75	160	163	166	168	171	173	179	186	187	187	183	178	171	164	154				
80	59.7	63.5	67.9	72.4	77.1	81.4	85.6	89.0	90.8	90.5	92.8	91.6	88.6	84.2	77.3				
85	1.86	3.30	5.12	7.25	9.57	11.9	14.2	16.3	18.1	19.3	25.4	29.4	30.5	31.6	30.4				
90	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				

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:CL	Test Distance:6.010m [K=1.0000]
Test Date:06 December 2018	Remarks: