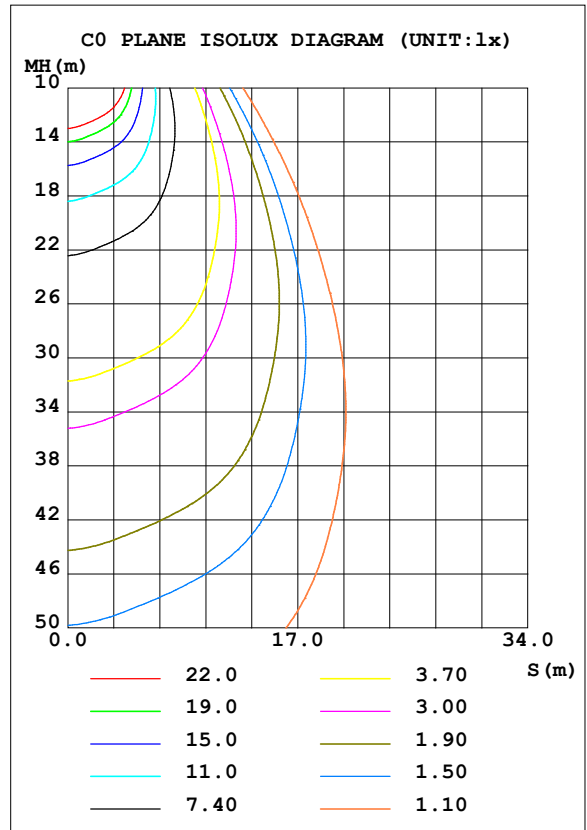
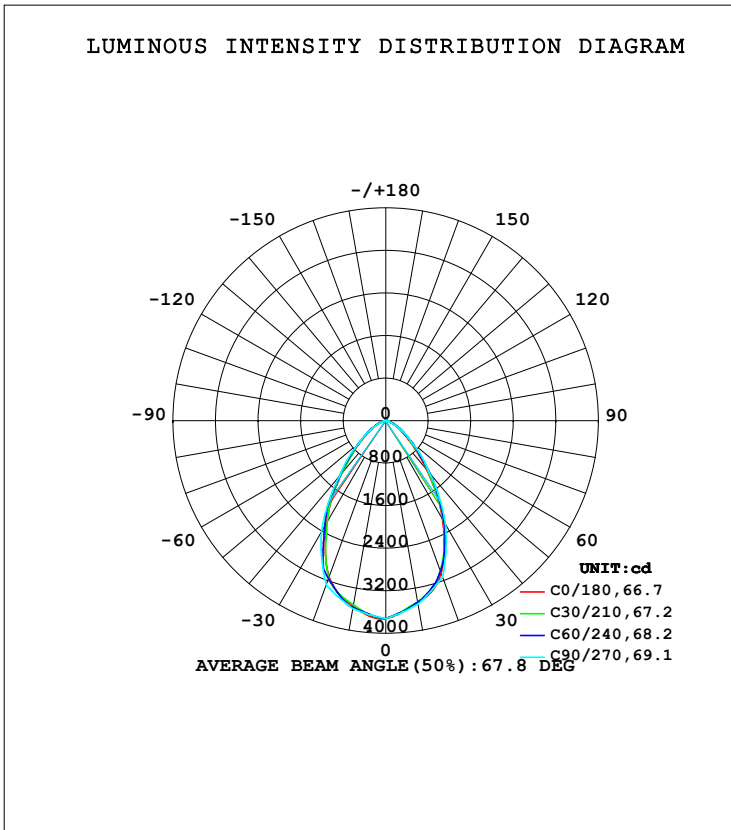


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.92 lm/W			
MODEL	LEXS-L1-V1-5-V60-C	I <sub>max</sub> (cd)	3729	S/MH (C0/180)	0.99
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.04
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	4959.5	η UP, DN (C0-180)	0.0, 49.1
NOMINAL FLUX (lm)	4959.5	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.9
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	3474	3456	3501	3479	3547	3541	3589	3527	0- 10	342.7	342.7	6.91,6.91
20	3045	3010	3127	2975	3125	3090	3285	3119	10- 20	937.2	1280	25.8,25.8
30	2138	2161	2242	2165	2239	2289	2422	2276	20- 30	1227	2507	50.5,50.5
40	1190	1234	1272	1261	1281	1342	1346	1299	30- 40	1086	3593	72.4,72.4
50	572.4	617.3	635.5	626.8	624.7	667.1	653.8	628.0	40- 50	712.5	4305	86.8,86.8
60	263.4	305.2	296.0	293.0	289.0	315.0	291.3	289.6	50- 60	400.3	4706	94.9,94.9
70	113.5	121.9	58.06	115.3	123.0	116.4	44.45	113.2	60- 70	189.0	4895	98.7,98.7
80	31.91	19.08	18.74	19.14	35.19	14.72	18.49	18.71	70- 80	56.93	4952	99.8,99.8
90	0.3336	0	0	0	0.3811	0	0	0	80- 90	7.824	4960	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): 3994.9 lm

%lum = 80.5%

%lamp = 80.5%

Conical surface Flux(120deg): 4705.7 lm

%lum = 94.9%

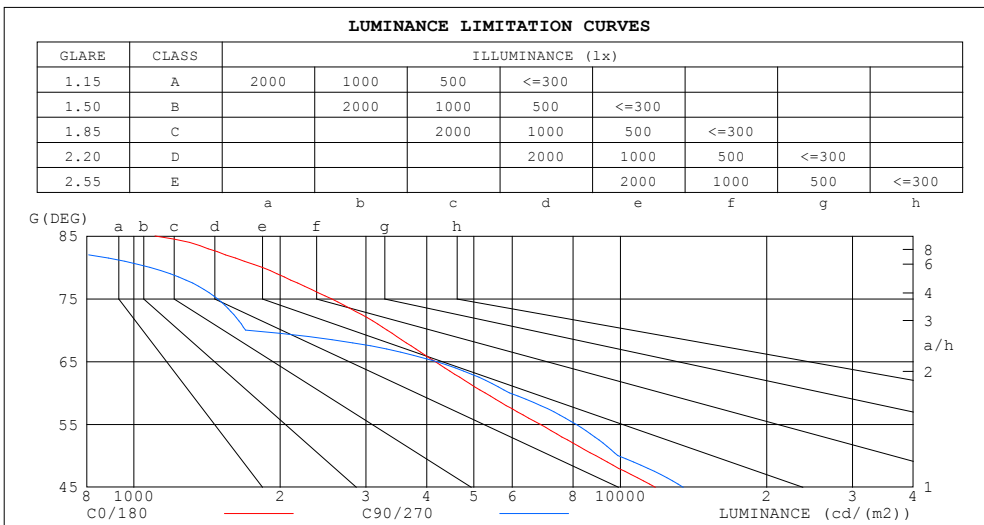
%lamp = 94.9%

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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	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	1105	0
80	1838	1079
75	2548	1486
70	3318	1698
65	4161	4184
60	5268	5920
55	6842	8110
50	8905	9887
45	11807	13476

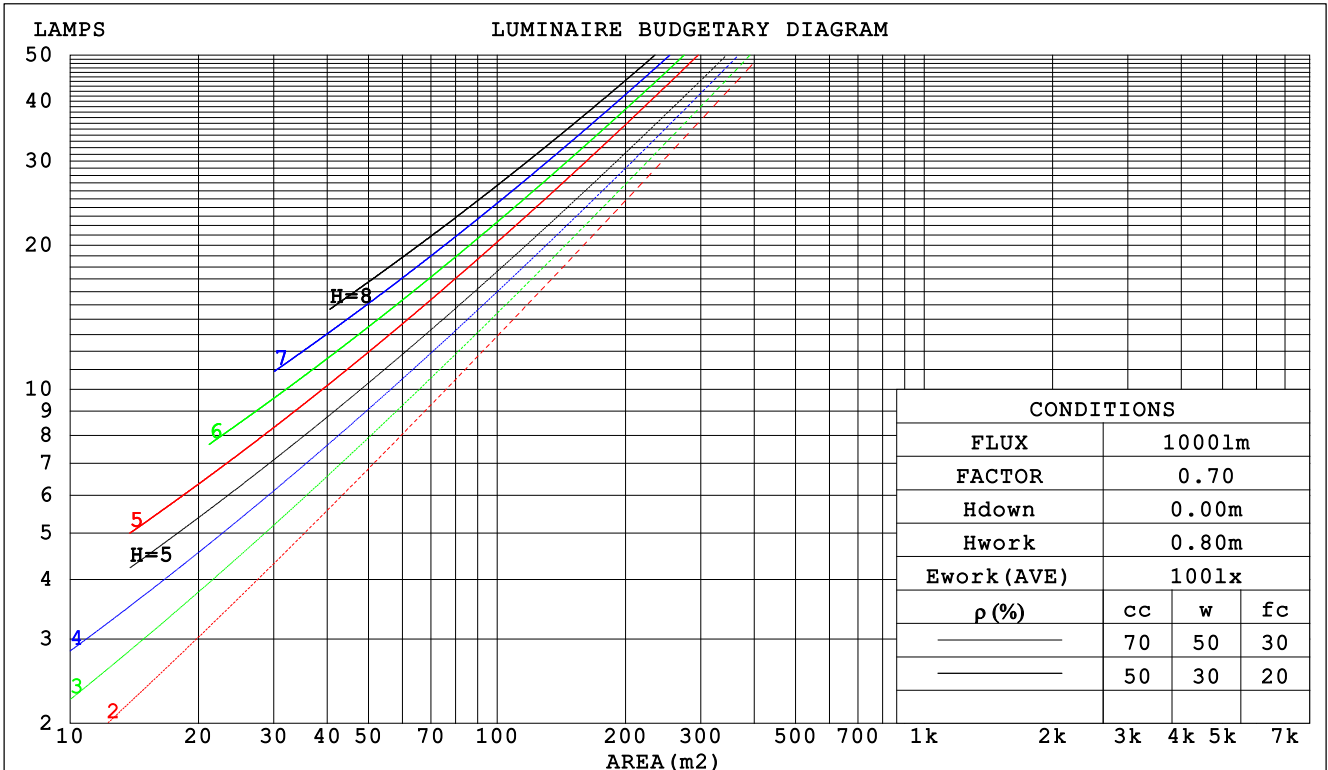
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	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	1.00
1.0	1.09	1.06	1.03	1.06	1.04	1.01	1.02	1.00	.98	.99	.97	.95	.95	.94	.92	.91
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.85	.83	.81
3.0	.90	.84	.79	.89	.83	.78	.86	.81	.77	.83	.79	.76	.81	.78	.75	.73
4.0	.82	.76	.70	.81	.75	.70	.79	.73	.69	.77	.72	.68	.75	.71	.67	.66
5.0	.76	.69	.63	.75	.68	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.60
6.0	.70	.63	.57	.69	.62	.57	.67	.61	.57	.66	.60	.56	.64	.60	.56	.54
7.0	.65	.57	.52	.64	.57	.52	.62	.56	.52	.61	.56	.52	.60	.55	.51	.50
8.0	.60	.53	.48	.59	.53	.48	.58	.52	.48	.57	.52	.48	.56	.51	.47	.46
9.0	.56	.49	.44	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.42
10.0	.52	.46	.41	.52	.45	.41	.51	.45	.41	.50	.45	.41	.49	.44	.41	.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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.217	.124	.039	.211	.120	.038	.198	.113	.036	.186	.107	.034	.175	.102	.033	
2.0	.211	.116	.035	.205	.113	.035	.194	.108	.034	.184	.103	.032	.175	.099	.031	
3.0	.201	.107	.032	.196	.105	.032	.187	.101	.031	.178	.097	.030	.170	.094	.029	
4.0	.191	.099	.029	.186	.097	.029	.178	.094	.028	.170	.091	.028	.163	.089	.027	
5.0	.180	.092	.027	.177	.091	.026	.169	.088	.026	.162	.086	.025	.156	.083	.025	
6.0	.171	.086	.024	.167	.084	.024	.161	.082	.024	.155	.080	.024	.149	.078	.023	
7.0	.162	.080	.023	.159	.079	.023	.153	.077	.022	.147	.076	.022	.142	.074	.022	
8.0	.153	.075	.021	.151	.074	.021	.146	.073	.021	.141	.071	.021	.136	.070	.020	
9.0	.146	.071	.020	.143	.070	.020	.139	.069	.019	.134	.067	.019	.130	.066	.019	
10.0	.139	.067	.018	.137	.066	.018	.132	.065	.018	.128	.064	.018	.125	.063	.018	

$\rho_{cc}$	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						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	.142	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.161	.132	.108	.138	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.151	.114	.084	.130	.098	.073	.089	.068	.051	.051	.040	.030	.017	.013	.010	
4.0	.142	.100	.067	.122	.086	.058	.084	.060	.041	.049	.035	.024	.016	.011	.008	
5.0	.135	.089	.055	.116	.077	.047	.080	.054	.034	.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	.121	.073	.038	.104	.063	.033	.072	.044	.024	.042	.026	.014	.014	.009	.005	
8.0	.116	.067	.033	.100	.058	.029	.069	.041	.020	.040	.024	.012	.013	.008	.004	
9.0	.110	.062	.029	.095	.053	.025	.066	.038	.018	.038	.022	.011	.012	.007	.003	
10.0	.105	.057	.025	.091	.050	.022	.063	.035	.016	.037	.021	.009	.012	.007	.003	

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:

**UGR(Unified Glare Rating) Table**

Test:U:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm										
NAME: LED Explosion-proof Flood Light					TYPE:Floodlight			WEIGHT:N/A		
SPEC.:40W					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	12.8	14.0	13.0	14.2	14.3	13.2	14.4	13.5	14.6	14.8
3H	13.1	14.2	13.4	14.4	14.6	13.3	14.4	13.6	14.6	14.8
4H	13.2	14.2	13.5	14.5	14.7	13.3	14.3	13.6	14.5	14.8
6H	13.2	14.2	13.5	14.4	14.7	13.2	14.2	13.5	14.4	14.7
8H	13.2	14.1	13.5	14.4	14.7	13.2	14.1	13.5	14.4	14.6
12H	13.2	14.1	13.5	14.3	14.6	13.1	14.0	13.5	14.3	14.6
4H 2H	13.0	14.0	13.3	14.2	14.5	13.3	14.4	13.6	14.6	14.8
3H	13.4	14.3	13.8	14.6	14.9	13.5	14.4	13.8	14.7	15.0
4H	13.6	14.4	13.9	14.7	15.0	13.5	14.3	13.8	14.6	14.9
6H	13.7	14.4	14.0	14.7	15.1	13.4	14.1	13.8	14.5	14.8
8H	13.7	14.3	14.1	14.7	15.0	13.4	14.0	13.8	14.4	14.8
12H	13.6	14.2	14.1	14.6	15.0	13.3	13.9	13.8	14.3	14.7
8H 4H	13.5	14.2	13.9	14.5	14.9	13.4	14.1	13.8	14.4	14.8
6H	13.6	14.1	14.0	14.5	15.0	13.4	13.9	13.8	14.3	14.7
8H	13.6	14.1	14.1	14.5	15.0	13.4	13.8	13.8	14.2	14.7
12H	13.6	14.0	14.1	14.5	14.9	13.3	13.7	13.8	14.2	14.6
12H 4H	13.5	14.1	13.9	14.4	14.8	13.4	14.0	13.8	14.3	14.7
6H	13.6	14.0	14.0	14.5	14.9	13.3	13.8	13.8	14.2	14.7
8H	13.6	14.0	14.1	14.4	14.9	13.3	13.7	13.8	14.2	14.6
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.5					+ 1.1 / - 1.6				
1.5H	+ 1.1 / - 1.0					+ 1.2 / - 1.1				
2.0H	+ 2.0 / - 1.8					+ 2.2 / - 1.9				

CIE Pub.117, 4960 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.6)

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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

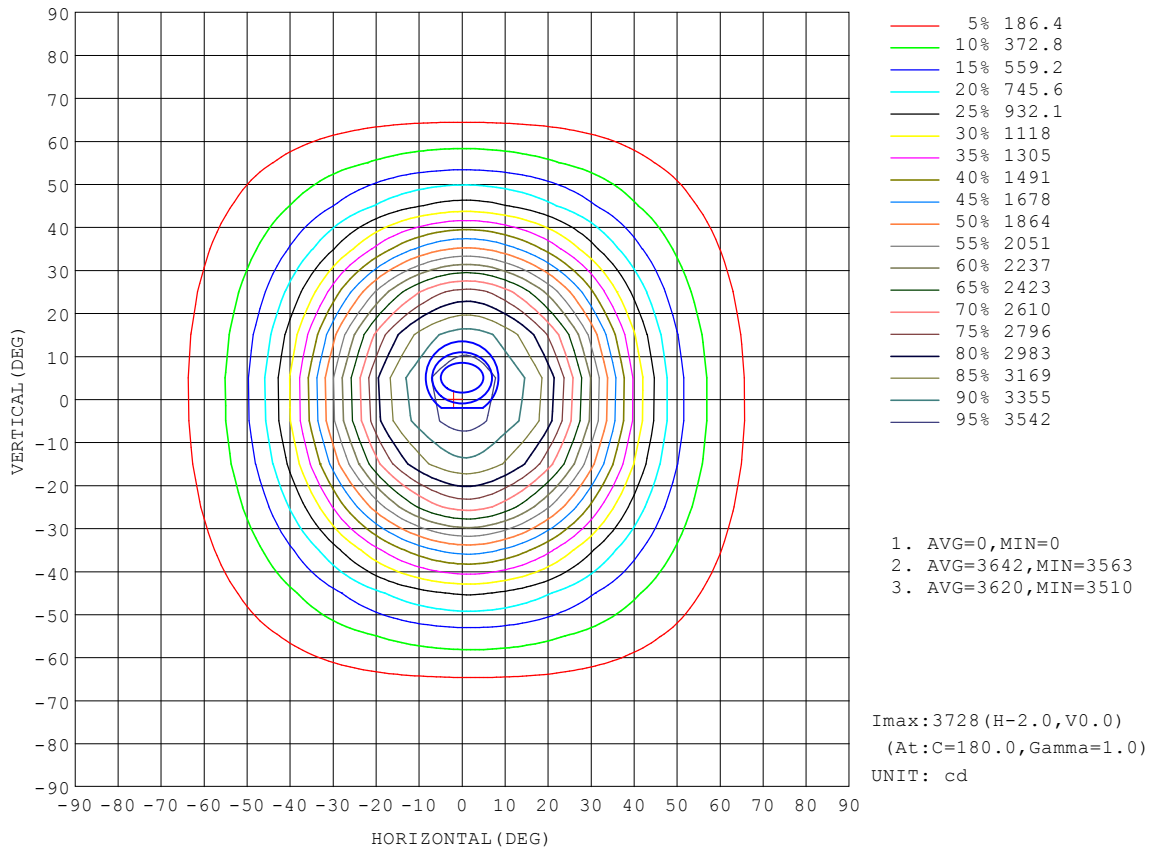
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	74	65	60	73	65	60	72	65	60	55
0.80	83	75	70	82	75	70	81	74	69	64
1.00	90	82	77	89	82	77	87	82	76	71
1.25	96	88	84	94	88	83	92	87	82	77
1.50	99	93	88	98	92	88	95	90	87	81
2.00	104	98	94	102	97	93	99	95	92	86
2.50	106	101	97	105	100	96	101	97	94	88
3.00	109	104	100	107	103	99	103	100	97	90
4.00	111	107	104	109	106	103	105	103	100	93
5.00	113	110	107	111	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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A



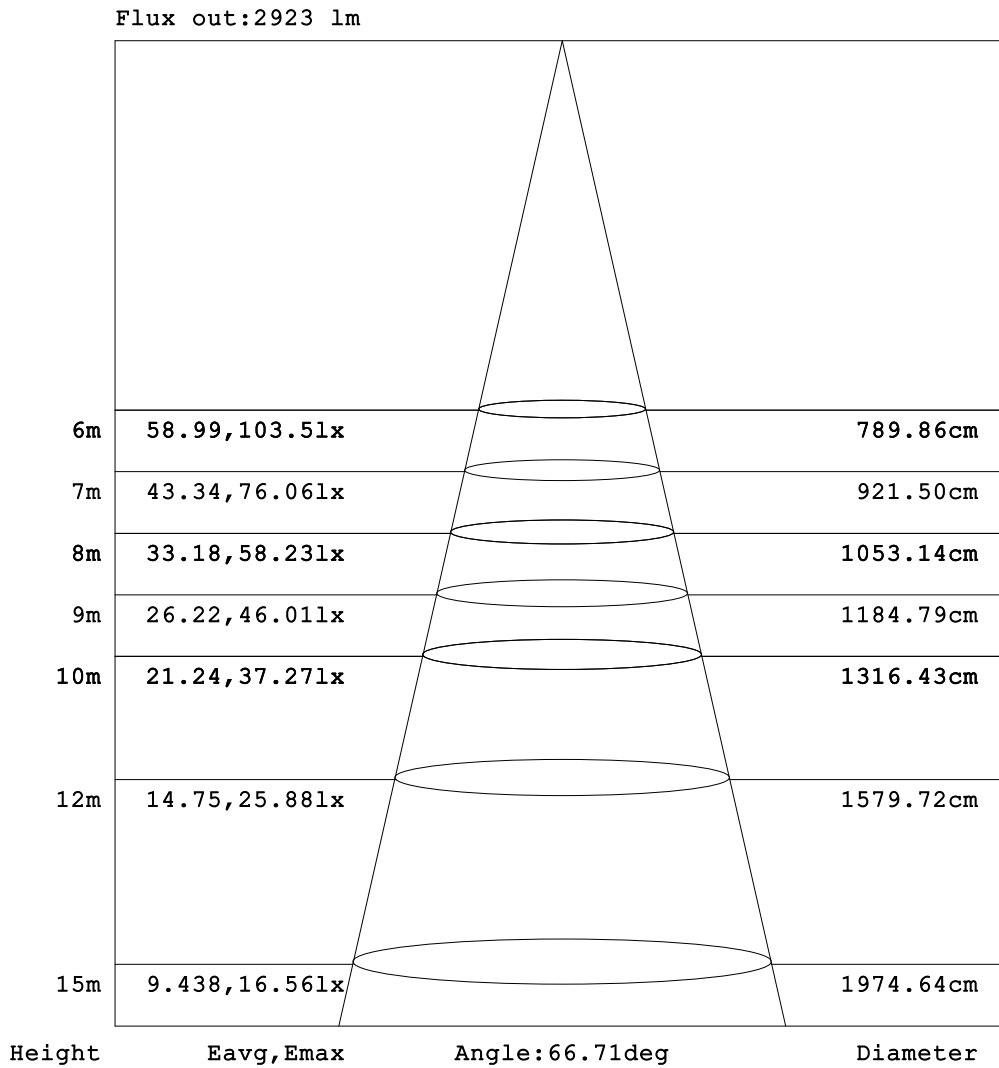
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:06 December 2018

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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A



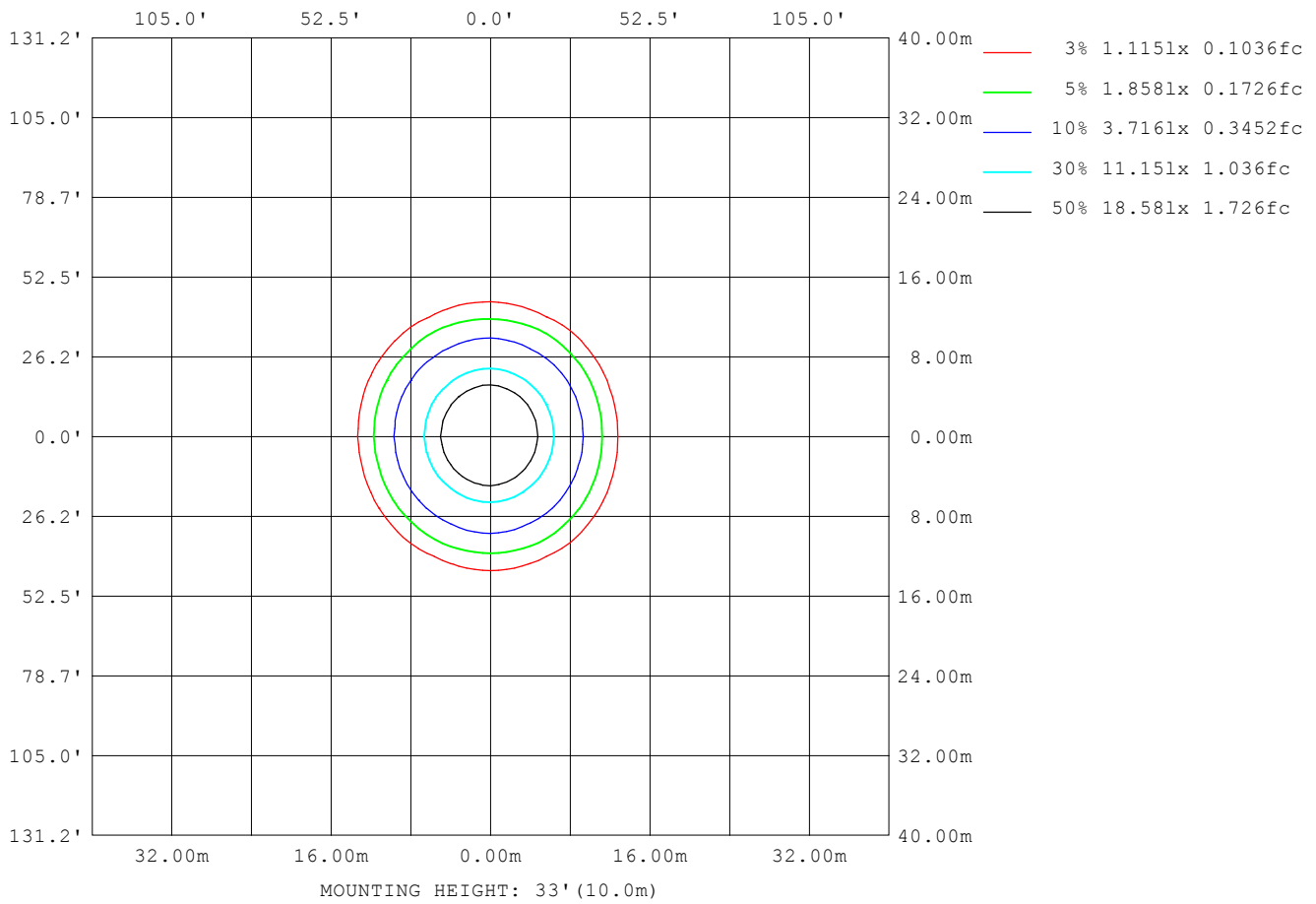
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

ISOLUX DIAGRAM

Test:U:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	DIM.: N/A	SERIAL No.:N/A
MFR.: LDPI Inc.,Ltd	SUR.:N/A	Shielding Angle:N/A

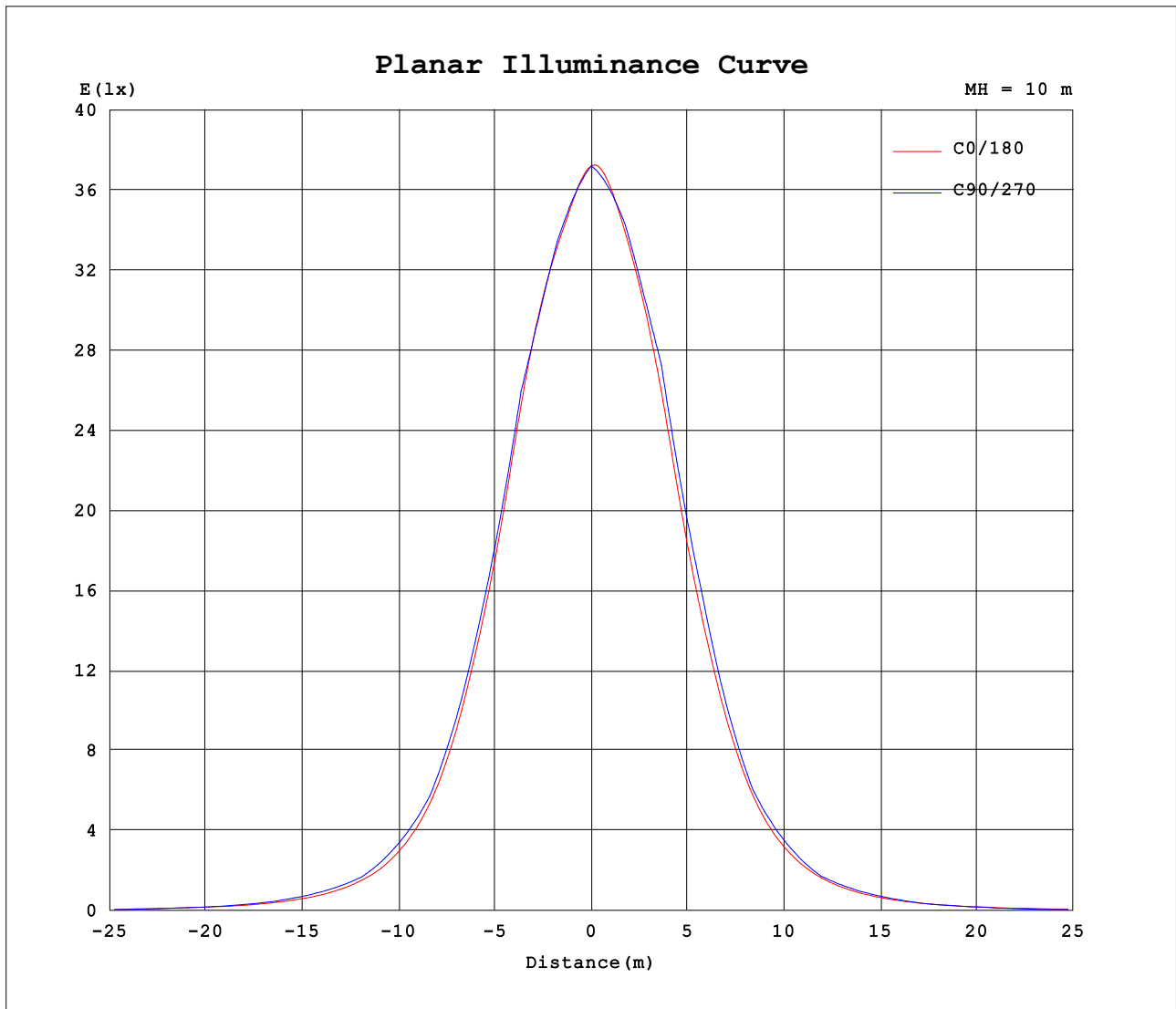
AvgL	cd/m2
L_0~180 (65) av	4347
L_0~180 (75) av	2677
L_0~180 (85) av	1282
L_90~270 (65) av	4079
L_90~270 (75) av	1351
L_90~270 (85) av	0
L_45 (65) av	4771
L_45 (75) av	1527
L_45 (85) av	453

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:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	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	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722
5	3608	3604	3600	3598	3596	3595	3596	3597	3598	3599	3601	3603	3605	3608	3610	3612	3614	3614	3616
10	3474	3467	3461	3458	3457	3457	3459	3456	3455	3456	3459	3462	3467	3472	3478	3484	3490	3496	3501
15	3329	3318	3311	3309	3309	3297	3293	3293	3297	3288	3280	3278	3280	3286	3293	3302	3310	3314	3314
20	3045	3038	3042	3044	3020	3008	3006	3002	3004	3010	3006	3003	3011	3028	3051	3076	3098	3117	3127
25	2599	2609	2636	2611	2590	2594	2612	2631	2609	2598	2602	2617	2632	2647	2661	2674	2683	2687	2683
30	2138	2158	2175	2139	2136	2162	2167	2150	2146	2161	2176	2190	2189	2193	2202	2212	2225	2237	2242
35	1648	1689	1683	1651	1688	1690	1660	1682	1713	1708	1696	1694	1715	1732	1744	1752	1758	1761	1756
40	1190	1239	1209	1217	1243	1203	1237	1267	1241	1234	1270	1299	1299	1287	1277	1269	1267	1270	1272
45	835	886	840	884	854	875	892	864	897	924	912	892	897	919	934	945	952	956	953
50	572	604	588	600	598	619	607	641	637	617	642	662	668	665	657	649	641	637	636
55	392	410	418	402	428	420	444	432	446	462	460	451	453	461	466	468	469	468	465
60	263	272	281	287	279	297	291	311	307	305	318	325	324	321	316	311	305	300	296
65	176	180	180	185	195	194	201	198	209	211	207	201	199	196	192	187	182	179	177
70	113	122	126	128	127	126	133	133	128	122	115	107	96.5	86.0	77.8	68.5	61.0	58.1	58.1
75	65.9	71.5	74.6	77.1	76.2	78.1	73.8	67.4	55.2	42.2	34.6	36.2	36.3	36.0	37.4	37.0	36.9	37.7	38.5
80	31.9	38.4	39.8	40.1	35.9	28.3	18.4	19.0	19.1	19.1	18.5	18.6	18.3	18.0	17.8	17.6	18.0	18.2	18.7
85	9.64	14.9	12.7	8.19	7.78	6.58	5.43	5.13	4.50	3.83	3.23	2.64	2.07	1.50	0.99	0.57	0.27	0.07	0.00
90	0.33	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: Test information (U:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm), Name/Type/Weight, Spec/Dim/Serial, MFR/SUR/Shielding Angle.

Table--2 UNIT: cd

Large data table with C (DEG) on the y-axis and γ (DEG) on the x-axis. Values range from 3722 down to 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

Test:U:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	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	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722
5	3671	3666	3661	3658	3655	3653	3652	3651	3651	3652	3652	3654	3655	3657	3658	3658	3659	3658	3657
10	3527	3520	3516	3514	3514	3523	3532	3541	3550	3558	3566	3573	3579	3585	3588	3590	3589	3586	3583
15	3345	3333	3333	3353	3376	3400	3424	3414	3401	3394	3393	3396	3403	3412	3422	3431	3437	3438	3435
20	3042	3032	3070	3114	3145	3115	3096	3090	3103	3130	3160	3191	3221	3249	3270	3282	3285	3276	3255
25	2589	2631	2702	2714	2682	2664	2706	2749	2798	2802	2797	2797	2804	2816	2830	2844	2853	2855	2847
30	2140	2215	2237	2191	2203	2269	2319	2289	2272	2273	2304	2334	2361	2386	2407	2420	2422	2410	2393
35	1683	1768	1702	1713	1793	1787	1754	1766	1803	1845	1851	1851	1853	1857	1865	1875	1884	1885	1879
40	1253	1258	1234	1311	1291	1276	1316	1342	1341	1337	1346	1353	1355	1352	1350	1349	1346	1339	1336
45	915	863	916	908	906	946	940	931	949	955	960	970	978	984	989	996	1000	998	992
50	618	612	633	628	658	644	657	667	672	674	679	683	680	673	664	658	654	651	653
55	410	443	425	450	439	461	461	457	466	466	467	470	472	473	473	473	473	471	469
60	280	282	302	293	310	303	312	315	317	316	317	316	313	307	301	295	291	291	294
65	196	196	192	199	199	204	203	204	204	199	193	188	182	177	172	169	168	169	171
70	118	121	126	130	127	128	126	116	105	95.7	85.4	74.9	65.2	56.0	49.1	45.4	44.5	46.1	50.7
75	73.1	73.1	76.5	74.9	71.3	59.1	47.3	33.7	26.7	27.6	28.3	28.6	29.3	29.7	30.2	30.8	31.4	31.4	31.6
80	34.2	34.5	33.1	23.6	13.9	14.2	14.4	14.7	15.2	15.8	16.2	16.5	16.9	17.2	18.0	18.2	18.5	18.1	18.2
85	11.0	7.01	6.08	5.38	4.91	4.81	4.14	3.67	3.12	2.59	2.00	1.47	0.98	0.57	0.27	0.07	0.00	0.07	0.27
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	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

Test:U:120.03V I:0.3371A P:40.022W PF:0.9891 Freq:59.98Hz Lamp Flux:4959.5x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:40W	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	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722	3722				
5	3655	3652	3650	3646	3642	3638	3634	3629	3625	3621	3617	3613	3611	3609	3608				
10	3578	3571	3564	3555	3545	3536	3527	3519	3513	3509	3499	3491	3484	3479	3475				
15	3428	3418	3406	3396	3389	3386	3385	3383	3367	3356	3350	3351	3341	3332	3329				
20	3228	3198	3170	3148	3133	3127	3119	3101	3088	3082	3073	3072	3084	3068	3051				
25	2834	2816	2797	2778	2758	2738	2723	2722	2731	2698	2671	2656	2662	2670	2626				
30	2371	2349	2333	2322	2318	2300	2276	2254	2245	2252	2235	2197	2186	2206	2174				
35	1870	1858	1843	1822	1797	1793	1801	1798	1758	1727	1747	1736	1688	1708	1702				
40	1337	1346	1357	1369	1368	1338	1299	1301	1322	1284	1244	1278	1241	1225	1247				
45	982	971	955	932	928	950	962	931	896	921	900	875	900	851	892				
50	660	668	676	681	675	654	628	648	653	617	628	605	605	590	605				
55	466	462	455	445	441	453	457	440	425	440	415	425	400	416	409				
60	298	304	308	311	311	303	290	294	299	280	288	273	282	278	270				
65	175	179	182	185	187	194	198	196	186	192	186	190	182	178	179				
70	58.7	68.4	78.2	88.7	98.8	107	113	119	124	125	120	123	125	124	121				
75	31.9	32.7	32.6	33.0	32.9	32.5	39.4	52.1	63.2	68.9	73.3	72.7	74.6	72.9	70.3				
80	17.9	18.0	18.3	18.4	18.5	18.5	18.7	18.9	19.1	18.7	27.7	34.0	38.0	38.6	37.5				
85	0.60	1.03	1.60	2.23	2.86	3.51	4.14	4.81	5.48	5.85	7.04	8.12	8.57	12.5	14.8				
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  
 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: