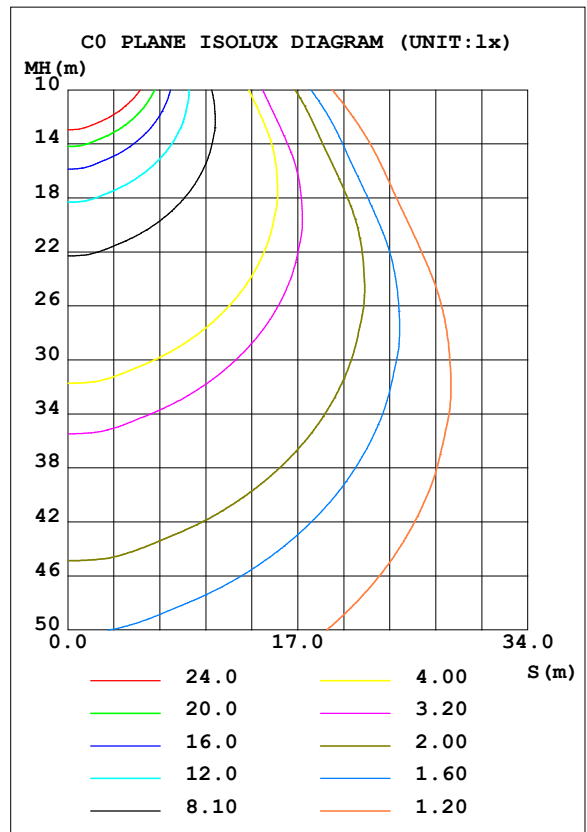
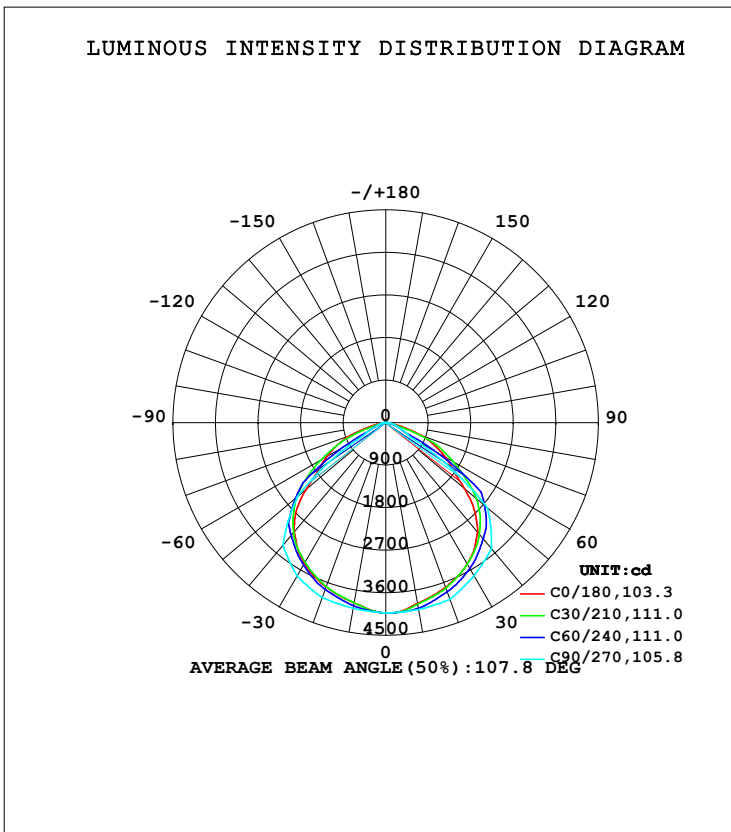


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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: 128.73 lm/W			
MODEL	LEXS-L2-V1-5-V110-C	I _{max} (cd)	4027	S/MH (C0/180)	1.28
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	1.37
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	10258	η UP, DN (C0-180)	0.0, 51.0
NOMINAL FLUX (lm)	10257.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.55



H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: CL
 Test Date: 07 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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3884	3939	4014	3914	3872	3890	3986	3918	0- 10	379.3	379.3	3.7,3.7
20	3703	3743	3975	3740	3699	3701	3937	3705	10- 20	1090	1469	14.3,14.3
30	3451	3485	3737	3484	3443	3432	3749	3438	20- 30	1686	3155	30.8,30.8
40	3023	3139	3480	3147	3011	3070	3382	3083	30- 40	2094	5250	51.2,51.2
50	2168	2686	2807	2686	2203	2592	2441	2600	40- 50	2205	7455	72.7,72.7
60	1447	1680	582.4	1747	1439	1434	533.1	1394	50- 60	1709	9164	89.3,89.3
70	810.3	286.9	279.4	309.7	817.6	266.4	185.7	241.3	60- 70	792.5	9957	97.1,97.1
80	129.4	90.73	111.0	92.94	137.0	61.50	86.12	61.83	70- 80	268.1	10225	99.7,99.7
90	2.559	0	0	0	2.135	0	0	0	80- 90	32.76	10258	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): 6364.9 lm

%lum = 62.1%

%lamp = 62.1%

Conical surface Flux(120deg): 9164.2 lm

%lum = 89.3%

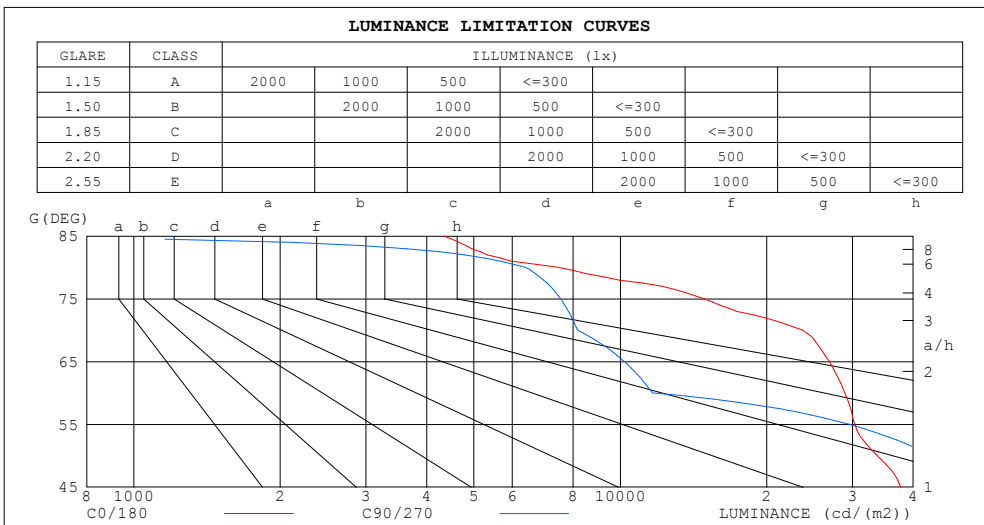
%lamp = 89.3%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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	4335	0
80	7454	6392
75	14852	7541
70	23691	8168
65	26896	10195
60	28944	11648
55	30346	29544
50	33726	43666
45	37726	44452

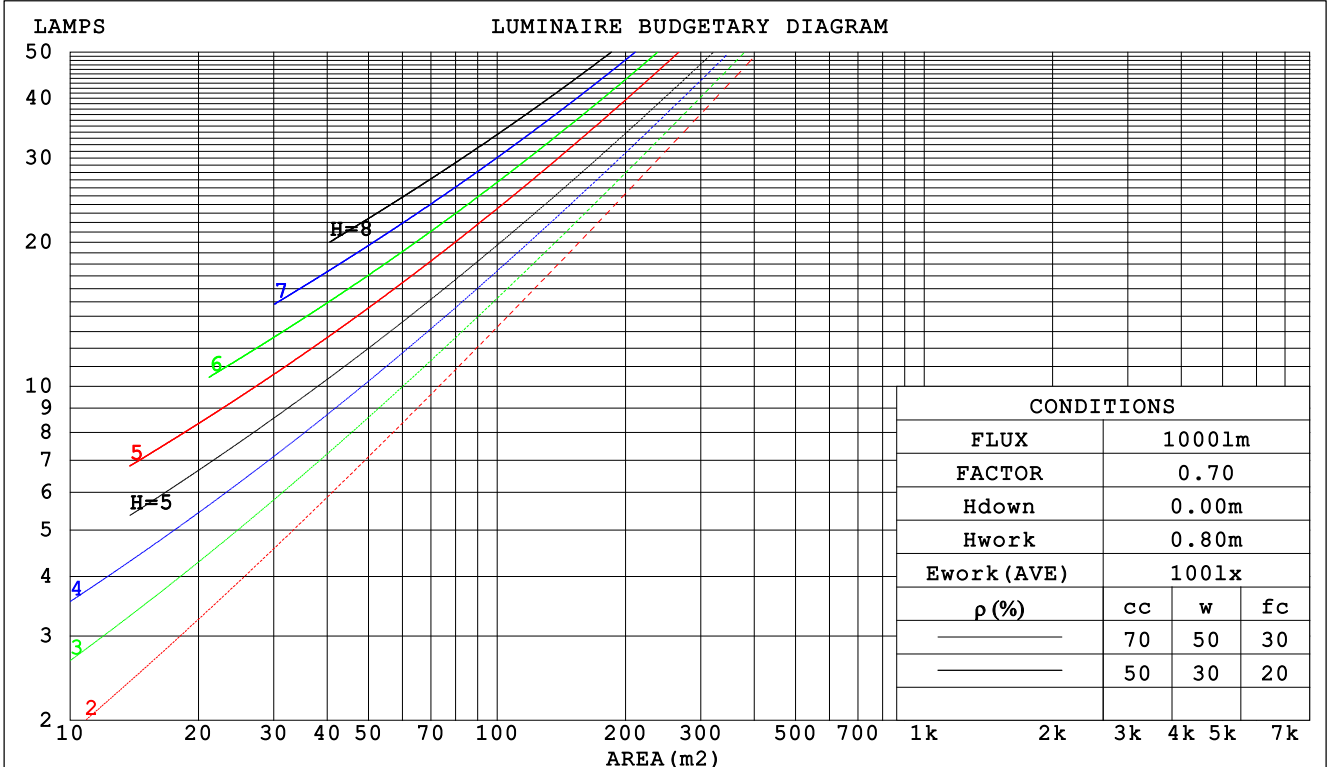
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:07 December 2018

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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.06	1.03	.00	1.04	1.01	.98	1.00	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.69	.77	.72	.67	.74	.70	.66	.64
4.0	.75	.67	.60	.73	.66	.60	.71	.64	.59	.69	.63	.58	.67	.62	.58	.56
5.0	.67	.59	.52	.66	.58	.52	.64	.57	.52	.62	.56	.51	.60	.55	.50	.48
6.0	.60	.52	.46	.60	.52	.46	.58	.51	.45	.56	.50	.45	.55	.49	.45	.43
7.0	.55	.47	.41	.54	.46	.41	.53	.45	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.30
10.0	.42	.35	.30	.42	.34	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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	.261	.148	.047	.254	.145	.046	.241	.138	.044	.229	.132	.042	.218	.126	.041	
2.0	.255	.140	.043	.249	.137	.042	.237	.132	.041	.227	.127	.040	.217	.123	.039	
3.0	.242	.129	.039	.237	.127	.038	.227	.123	.037	.217	.119	.037	.209	.116	.036	
4.0	.228	.118	.035	.223	.117	.035	.214	.114	.034	.206	.111	.033	.198	.108	.033	
5.0	.214	.109	.032	.210	.108	.031	.202	.105	.031	.195	.103	.031	.188	.100	.030	
6.0	.201	.101	.029	.197	.100	.029	.190	.097	.028	.183	.095	.028	.177	.093	.028	
7.0	.189	.093	.026	.185	.092	.026	.179	.090	.026	.173	.089	.026	.168	.087	.026	
8.0	.177	.087	.024	.175	.086	.024	.169	.084	.024	.164	.083	.024	.159	.081	.024	
9.0	.167	.081	.023	.165	.080	.023	.160	.079	.022	.155	.078	.022	.150	.076	.022	
10.0	.158	.076	.021	.156	.075	.021	.151	.074	.021	.147	.073	.021	.143	.072	.021	

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	.177	.157	.138	.151	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.167	.132	.102	.143	.114	.089	.098	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.159	.114	.078	.136	.098	.068	.094	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.061	.130	.087	.053	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.050	.124	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.081	.041	.119	.071	.036	.082	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.132	.075	.035	.113	.065	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.126	.069	.030	.108	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.072	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.115	.060	.023	.099	.052	.020	.069	.036	.014	.040	.022	.009	.013	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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	17.2	18.6	17.5	18.8	19.0	16.5	17.9	16.7	18.1	18.3
3H	18.4	19.7	18.6	19.9	20.1	16.5	17.8	16.8	18.0	18.2
4H	18.7	19.9	19.0	20.1	20.4	16.5	17.7	16.8	17.9	18.2
6H	18.7	19.9	19.0	20.1	20.4	16.5	17.6	16.8	17.9	18.1
8H	18.7	19.8	19.0	20.1	20.3	16.4	17.5	16.8	17.8	18.1
12H	18.6	19.7	19.0	20.0	20.3	16.4	17.4	16.7	17.7	18.0
4H 2H	17.5	18.8	17.8	19.0	19.3	16.8	18.0	17.1	18.3	18.5
3H	18.8	19.9	19.1	20.1	20.4	16.8	17.9	17.2	18.2	18.5
4H	19.2	20.1	19.5	20.4	20.8	16.9	17.8	17.2	18.2	18.5
6H	19.2	20.1	19.6	20.4	20.8	16.9	17.8	17.3	18.1	18.5
8H	19.2	20.0	19.6	20.4	20.7	16.9	17.7	17.3	18.0	18.4
12H	19.2	19.9	19.6	20.3	20.7	16.9	17.6	17.3	18.0	18.4
8H 4H	19.0	19.8	19.5	20.2	20.6	16.9	17.7	17.3	18.0	18.4
6H	19.2	19.8	19.6	20.2	20.6	16.9	17.6	17.4	18.0	18.4
8H	19.2	19.7	19.6	20.1	20.6	16.9	17.5	17.4	17.9	18.4
12H	19.1	19.6	19.6	20.1	20.5	16.9	17.4	17.4	17.8	18.3
12H 4H	19.0	19.7	19.4	20.1	20.5	16.8	17.6	17.3	17.9	18.3
6H	19.1	19.7	19.6	20.1	20.6	16.9	17.5	17.4	17.9	18.3
8H	19.1	19.6	19.6	20.0	20.5	16.9	17.4	17.4	17.8	18.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.6 / - 1.1					+ 0.9 / - 1.4				
2.0H	+ 0.8 / - 1.4					+ 2.0 / - 5.4				

CIE Pub.117, 10258 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.1)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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

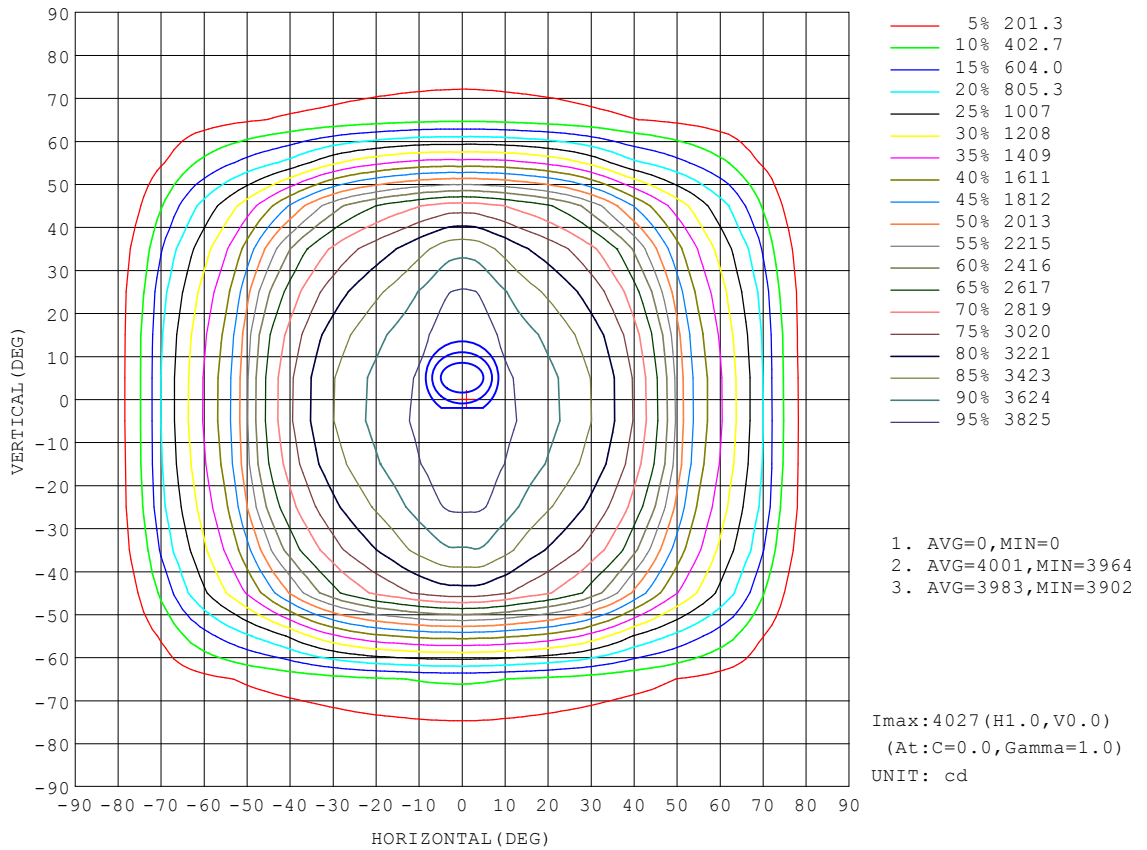
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	49	43	60	49	43	59	49	42	36
0.80	71	60	54	70	60	53	69	59	53	47
1.00	80	70	64	79	70	63	77	71	63	56
1.25	88	78	72	86	78	71	84	76	71	64
1.50	92	84	78	91	83	77	88	81	76	69
2.00	99	91	86	97	90	85	94	88	84	77
2.50	102	95	90	100	94	89	97	91	87	80
3.00	105	99	95	103	98	93	99	95	91	83
4.00	108	104	100	106	102	98	102	98	96	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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



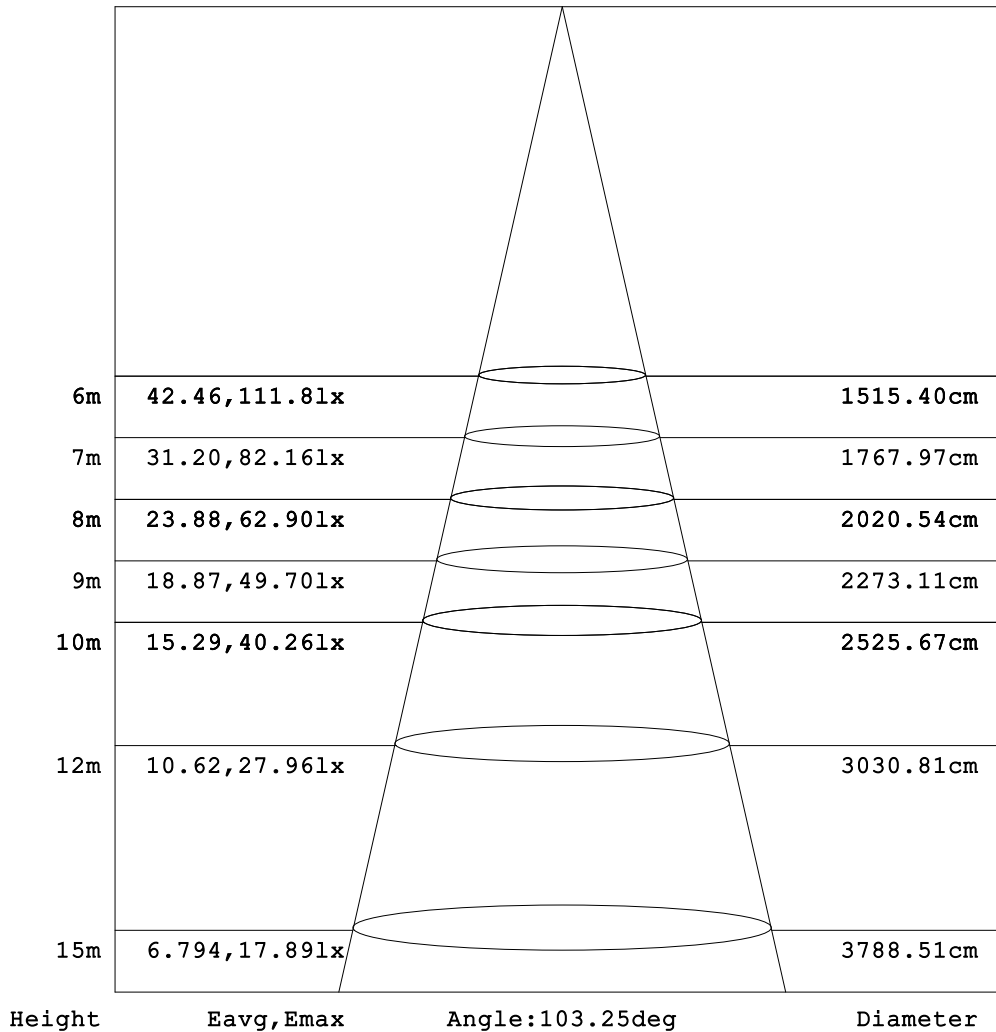
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:07 December 2018

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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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:7867 lm



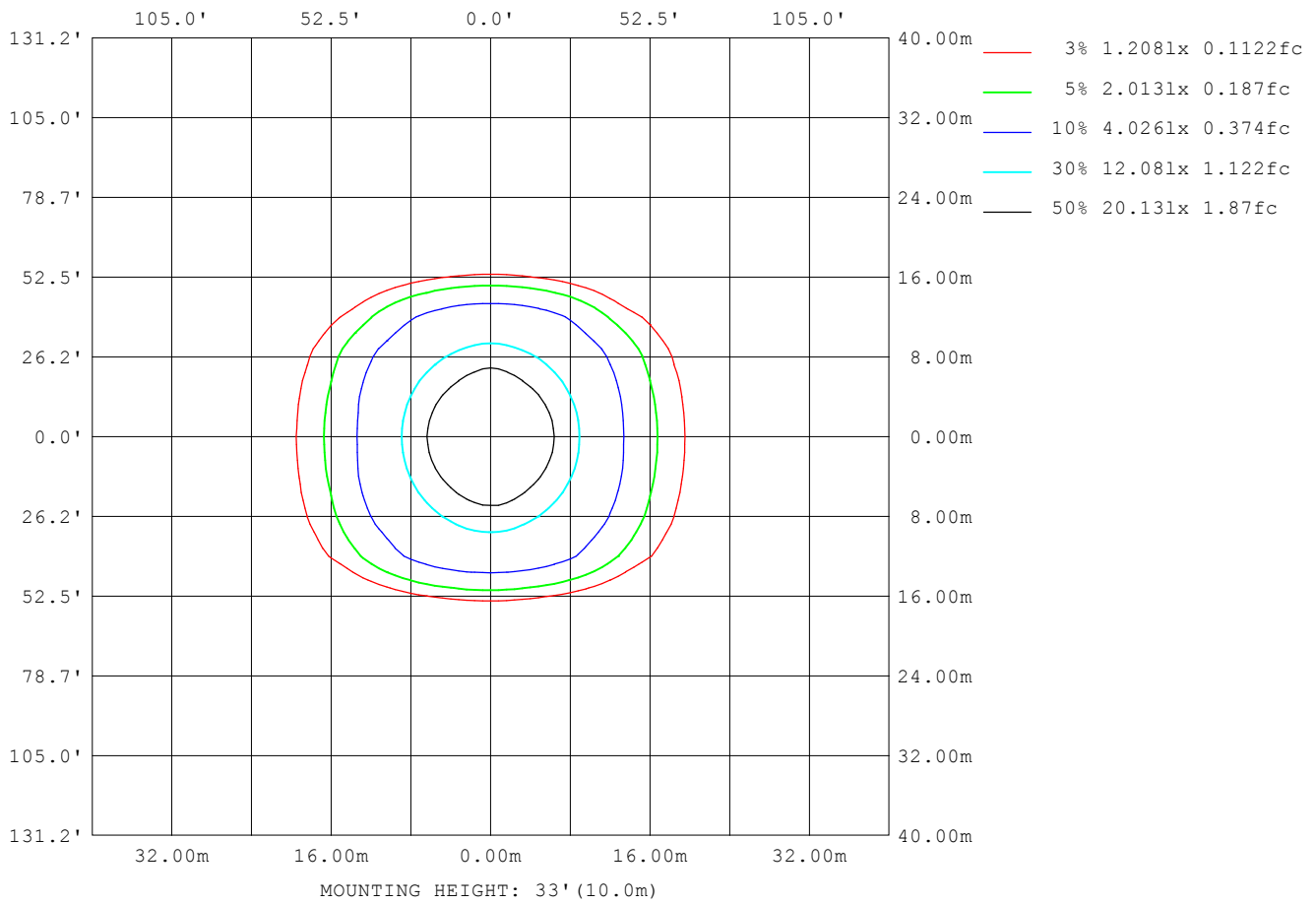
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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

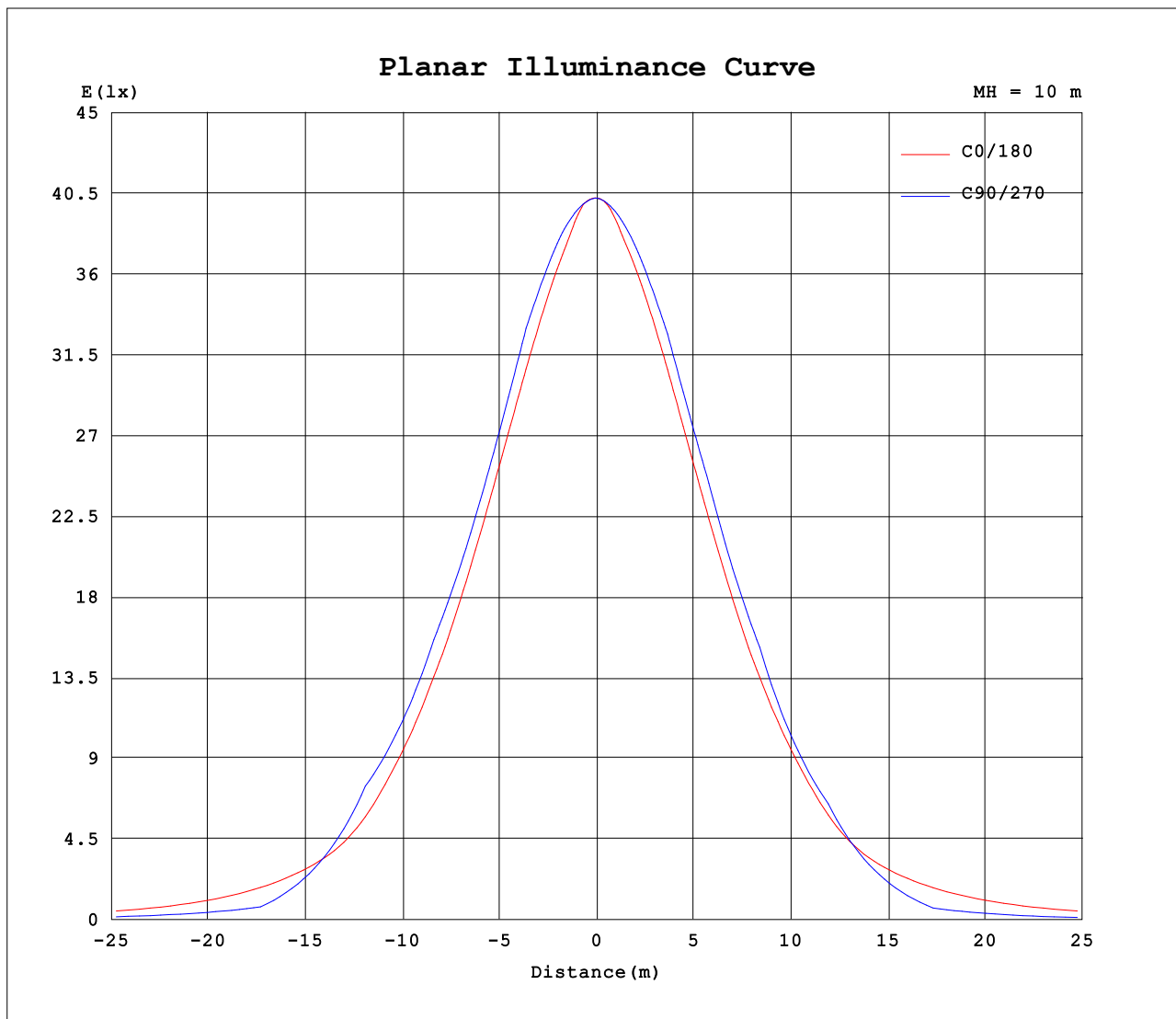
AvgL	cd/m2
L_0~180 (65) av	26876
L_0~180 (75) av	15012
L_0~180 (85) av	4493
L_90~270 (65) av	9350
L_90~270 (75) av	6396
L_90~270 (85) av	0
L_45 (65) av	17760
L_45 (75) av	5427
L_45 (85) av	2154

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:07 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(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026
5	4000	3999	3999	4000	4002	4005	4008	4011	4013	4015	4016	4018	4018	4019	4020	4020	4020	4020	4020
10	3884	3883	3883	3885	3889	3894	3902	3912	3925	3939	3954	3970	3985	3999	4006	4010	4013	4014	4014
15	3799	3796	3796	3797	3801	3807	3815	3825	3837	3847	3859	3876	3901	3929	3957	3978	3987	3992	3995
20	3703	3698	3697	3699	3704	3713	3722	3726	3733	3743	3758	3779	3805	3837	3881	3926	3956	3969	3975
25	3592	3584	3580	3583	3591	3594	3596	3602	3613	3629	3649	3668	3696	3730	3768	3820	3854	3857	3856
30	3451	3440	3438	3442	3446	3446	3453	3466	3480	3485	3499	3522	3560	3609	3657	3709	3755	3748	3737
35	3266	3258	3263	3276	3271	3276	3291	3298	3305	3318	3337	3365	3395	3441	3495	3542	3600	3621	3608
40	3023	3018	3031	3036	3042	3064	3080	3099	3120	3139	3157	3180	3208	3242	3299	3369	3427	3490	3480
45	2668	2678	2720	2731	2763	2793	2829	2864	2892	2925	2962	2996	3012	3022	3043	3087	3114	3142	3143
50	2168	2199	2268	2332	2393	2443	2502	2553	2622	2686	2687	2710	2730	2756	2772	2789	2801	2791	2807
55	1741	1749	1778	1846	1906	1986	2069	2175	2207	2242	2298	2386	2273	2109	1956	1836	1754	1700	1695
60	1447	1456	1470	1494	1539	1592	1645	1673	1691	1680	1547	1376	1187	1001	844	720	637	593	582
65	1137	1150	1169	1199	1233	1268	1265	1219	1007	793	582	399	402	404	407	411	417	426	431
70	810	839	872	900	911	912	728	501	301	287	276	269	267	266	267	269	273	277	279
75	384	422	487	505	481	321	196	185	173	163	157	161	165	170	176	182	188	193	195
80	129	163	173	152	100	89.6	79.8	83.7	87.4	90.7	91.0	91.9	93.9	96.8	100	104	107	110	111
85	37.8	42.2	38.7	31.7	31.5	30.2	29.5	27.3	24.8	22.0	18.4	14.8	11.5	8.53	5.82	3.46	1.61	0.42	0.00
90	2.56	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:07 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:120.11V I:0.6682A P:79.683W PF:0.9927 Freq:59.98Hz Lamp Flux:10257.6x1 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--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026	4026
5	4019	4017	4015	4013	4011	4007	4004	4000	3995	3991	3987	3983	3979	3976	3974	3972	3972	3972	3970
10	4012	4007	4001	3991	3978	3962	3945	3929	3914	3901	3892	3885	3880	3876	3873	3871	3871	3872	3868
15	3991	3983	3966	3940	3910	3882	3863	3850	3839	3830	3818	3809	3801	3795	3791	3790	3791	3793	3787
20	3971	3953	3917	3869	3830	3803	3777	3755	3740	3728	3721	3718	3707	3698	3693	3691	3693	3699	3690
25	3856	3837	3799	3758	3726	3694	3667	3646	3625	3608	3595	3587	3585	3581	3574	3572	3576	3585	3572
30	3742	3721	3685	3645	3602	3562	3526	3501	3484	3474	3457	3444	3436	3435	3431	3427	3431	3443	3427
35	3612	3579	3535	3492	3450	3407	3375	3345	3321	3304	3294	3288	3272	3264	3264	3250	3246	3255	3241
40	3480	3430	3376	3323	3266	3224	3193	3167	3147	3123	3098	3078	3060	3034	3024	3015	3004	3011	2999
45	3140	3124	3099	3069	3044	3030	3009	2972	2929	2890	2860	2828	2797	2771	2740	2721	2691	2691	2689
50	2799	2813	2801	2788	2776	2751	2727	2700	2686	2629	2575	2539	2490	2444	2372	2289	2224	2203	2212
55	1708	1767	1850	1973	2134	2298	2409	2343	2282	2257	2236	2131	2051	1955	1884	1786	1742	1736	1731
60	599	652	738	866	1031	1215	1412	1601	1747	1738	1716	1666	1601	1530	1489	1460	1444	1439	1437
65	429	427	424	426	428	429	430	615	833	1034	1243	1280	1275	1240	1201	1167	1141	1135	1139
70	277	275	274	275	277	280	285	293	310	332	535	760	934	923	908	875	835	818	828
75	193	190	185	181	175	170	165	163	170	187	208	229	353	513	527	509	430	393	427
80	110	109	106	104	99.8	96.1	93.8	93.3	92.9	91.2	88.6	85.5	101	118	166	188	167	137	166
85	0.42	1.63	3.54	6.01	8.79	11.8	15.0	18.5	22.2	25.3	27.6	29.6	30.9	32.9	33.4	42.1	45.0	40.5	46.3
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	2.13	0.00

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:07 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:

