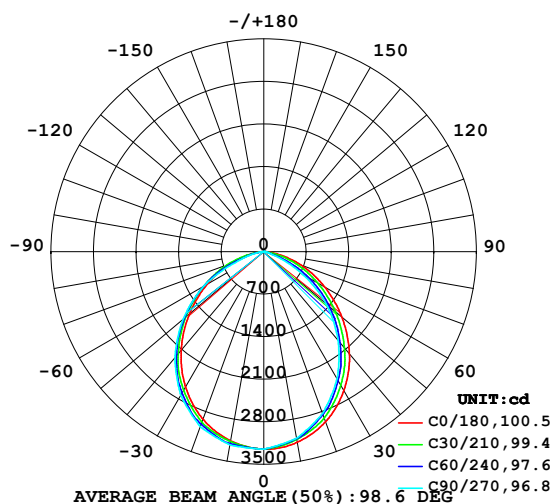


# LUMINAIRE PHOTOMETRIC TEST REPORT

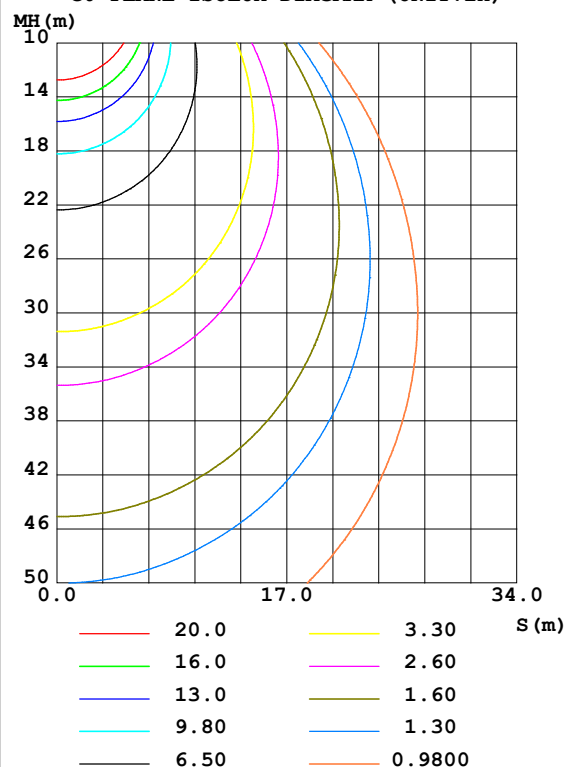
Test:U:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.50 lm/W			
MODEL	FEL-I-80-3000K-磨砂	Imax(cd)	3252	S/MH(C0/180)	1.19
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	7604.9	$\eta$ UP,DN(C0-180)	0.0,46.4
NOMINAL FLUX(lm)	7604.9	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,53.6
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	$\eta$ down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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	3184	3128	3120	3107	3159	3188	3227	3204	0- 10	305.2	305.2	4.01,4.01
20	2979	2868	2833	2834	2933	2995	3063	3024	10- 20	864.1	1169	15.4,15.4
30	2639	2492	2416	2442	2574	2671	2730	2715	20- 30	1277	2446	32.2,32.2
40	2194	2014	1903	1957	2115	2223	2274	2289	30- 40	1473	3919	51.5,51.5
50	1679	1474	1347	1424	1599	1699	1734	1765	40- 50	1430	5349	70.3,70.3
60	1154	943.8	718.6	898.4	1077	1151	1144	1217	50- 60	1171	6520	85.7,85.7
70	656.5	420.7	140.7	385.5	586.6	615.4	428.0	680.0	60- 70	752.0	7272	95.6,95.6
80	210.7	54.12	16.55	42.58	161.6	138.9	64.64	177.9	70- 80	299.1	7571	99.6,99.6
90	2.246	0	0	0	1.988	0	0	0	80- 90	34.21	7605	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): 4654.2 lm

%lum = 61.2%

%lamp = 61.2%

Conical surface Flux(120deg): 6519.6 lm

%lum = 85.7%

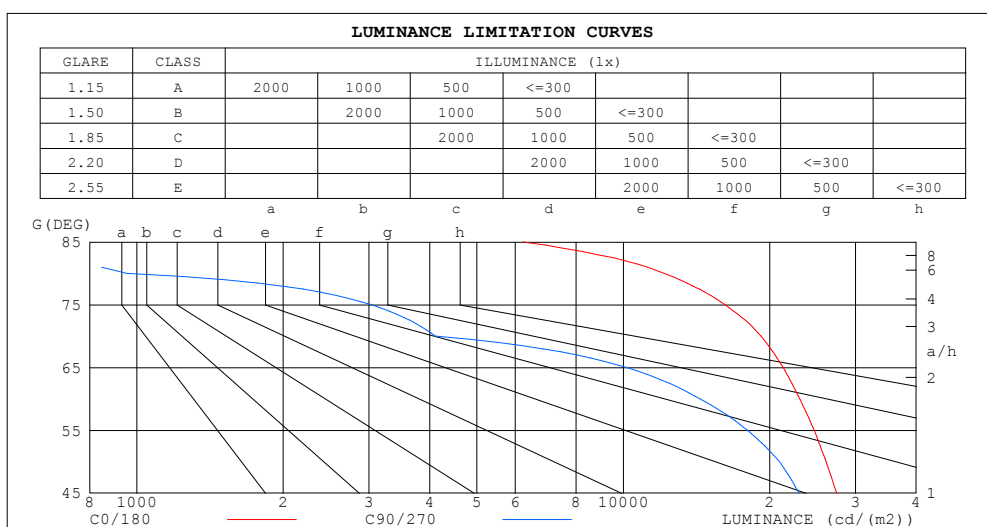
%lamp = 85.7%

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6225	0
80	12133	953
75	16192	3038
70	19194	4115
65	21304	10166
60	23071	14371
55	24674	18002
50	26120	20949
45	27438	22980

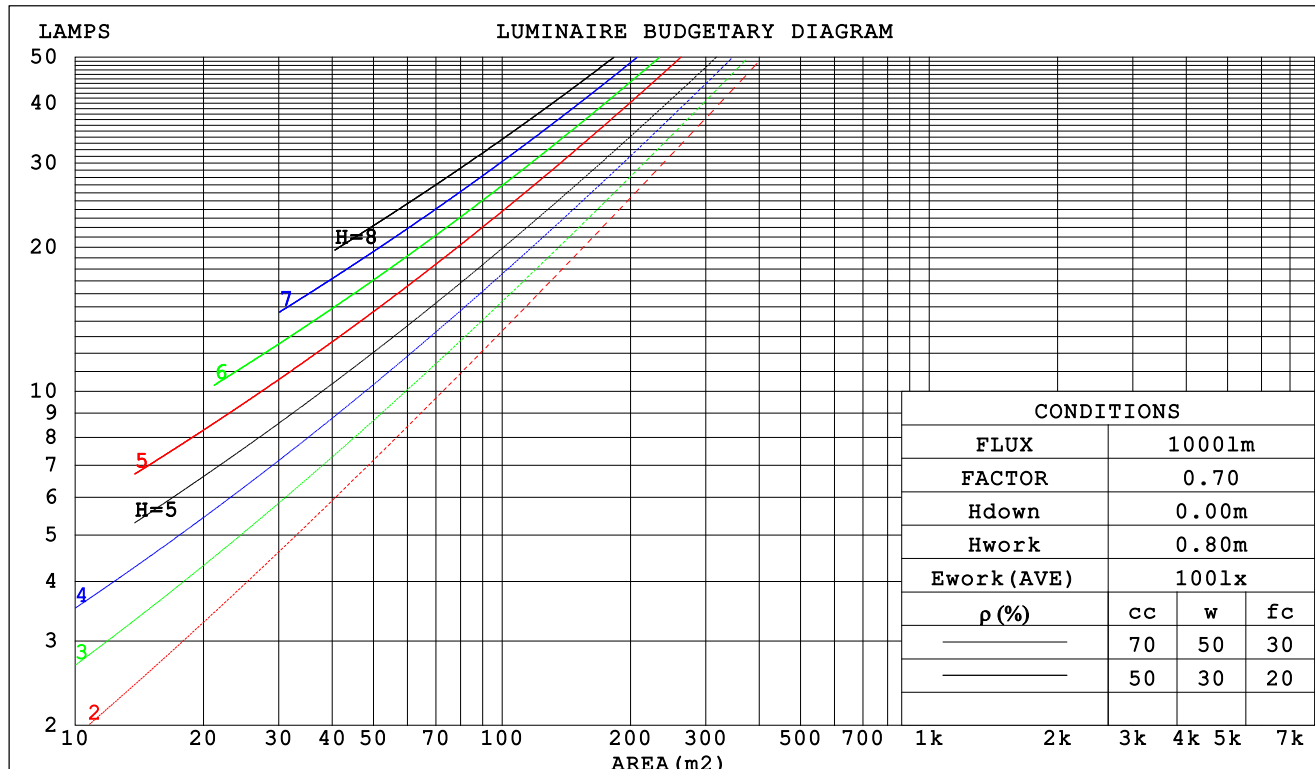
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 2018

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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.00	.97	.94	.96	.93	.91	.92	.90	.89	.87
2.0	.94	.87	.82	.92	.86	.81	.88	.83	.79	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.75	.69	.81	.74	.69	.78	.73	.68	.76	.71	.66	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.59	.70	.64	.58	.68	.62	.58	.66	.61	.57	.55
5.0	.67	.58	.52	.65	.57	.52	.63	.56	.51	.61	.55	.50	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.45	.57	.50	.45	.56	.49	.45	.54	.49	.44	.42
7.0	.55	.46	.40	.54	.46	.40	.52	.45	.40	.51	.45	.40	.50	.44	.39	.38
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.37	.33	.43	.37	.32	.42	.37	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.29	.28



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.270	.154	.049	.263	.150	.048	.250	.144	.046	.238	.137	.044	.227	.132	.042		
2.0	.262	.144	.044	.256	.141	.043	.244	.136	.042	.234	.131	.041	.224	.127	.040		
3.0	.247	.131	.039	.242	.129	.039	.232	.125	.038	.222	.122	.037	.214	.118	.037		
4.0	.231	.120	.035	.226	.118	.035	.217	.115	.034	.209	.112	.034	.201	.109	.033		
5.0	.216	.110	.032	.212	.109	.032	.204	.106	.031	.196	.104	.031	.189	.101	.030		
6.0	.202	.101	.029	.198	.100	.029	.191	.098	.028	.184	.096	.028	.178	.094	.028		
7.0	.189	.093	.026	.186	.093	.026	.179	.091	.026	.173	.089	.026	.168	.087	.026		
8.0	.177	.087	.024	.174	.086	.024	.169	.084	.024	.164	.083	.024	.159	.081	.024		
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.155	.077	.022	.150	.076	.022		
10.0	.158	.076	.021	.155	.075	.021	.151	.074	.021	.146	.073	.021	.142	.072	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.178	.156	.137	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.078	.137	.098	.067	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.082	.041	.119	.071	.036	.082	.049	.025	.048	.029	.015	.015	.010	.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	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.099	.052	.020	.068	.036	.014	.040	.022	.009	.013	.007	.003	

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm										
NAME: LED Explosion-proof Flood Light					TYPE:Floodlight			WEIGHT:N/A		
SPEC.:80W					DIM.: 130*1200mm			SERIAL No.:N/A		
MFR.: NJZ Lighting Technology Co.,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	16.6	18.1	16.9	18.3	18.5	15.1	16.6	15.4	16.8	16.9
3H	17.9	19.2	18.2	19.4	19.7	15.3	16.7	15.6	16.9	17.1
4H	18.3	19.6	18.6	19.8	20.1	15.3	16.5	15.6	16.8	17.0
6H	18.6	19.7	18.9	20.0	20.3	15.2	16.4	15.5	16.6	16.9
8H	18.6	19.7	18.9	20.0	20.3	15.2	16.3	15.5	16.6	16.8
12H	18.6	19.7	18.9	20.0	20.3	15.1	16.2	15.5	16.5	16.8
4H 2H	16.9	18.2	17.2	18.4	18.7	15.7	16.9	16.0	17.2	17.4
3H	18.3	19.4	18.7	19.7	20.0	16.0	17.1	16.3	17.3	17.6
4H	18.9	19.8	19.2	20.2	20.5	15.9	16.9	16.3	17.2	17.6
6H	19.2	20.1	19.6	20.4	20.8	15.9	16.7	16.3	17.1	17.4
8H	19.3	20.1	19.7	20.4	20.8	15.8	16.6	16.2	17.0	17.4
12H	19.3	20.0	19.7	20.4	20.8	15.8	16.5	16.2	16.9	17.3
8H 4H	18.8	19.6	19.2	20.0	20.3	16.0	16.8	16.4	17.2	17.6
6H	19.2	19.8	19.6	20.2	20.7	16.0	16.6	16.4	17.0	17.5
8H	19.3	19.8	19.7	20.3	20.7	15.9	16.5	16.4	17.0	17.4
12H	19.3	19.8	19.8	20.2	20.7	15.9	16.4	16.4	16.9	17.3
12H 4H	18.8	19.5	19.2	19.9	20.3	16.0	16.8	16.4	17.1	17.5
6H	19.1	19.7	19.6	20.1	20.6	16.0	16.6	16.4	17.0	17.4
8H	19.2	19.7	19.7	20.2	20.6	15.9	16.4	16.4	16.9	17.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.5 / - 0.7				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.5				
2.0H	+ 0.6 / - 0.6					+ 0.8 / - 1.1				

CIE Pub.117, 7605 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 7.0$ )

$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

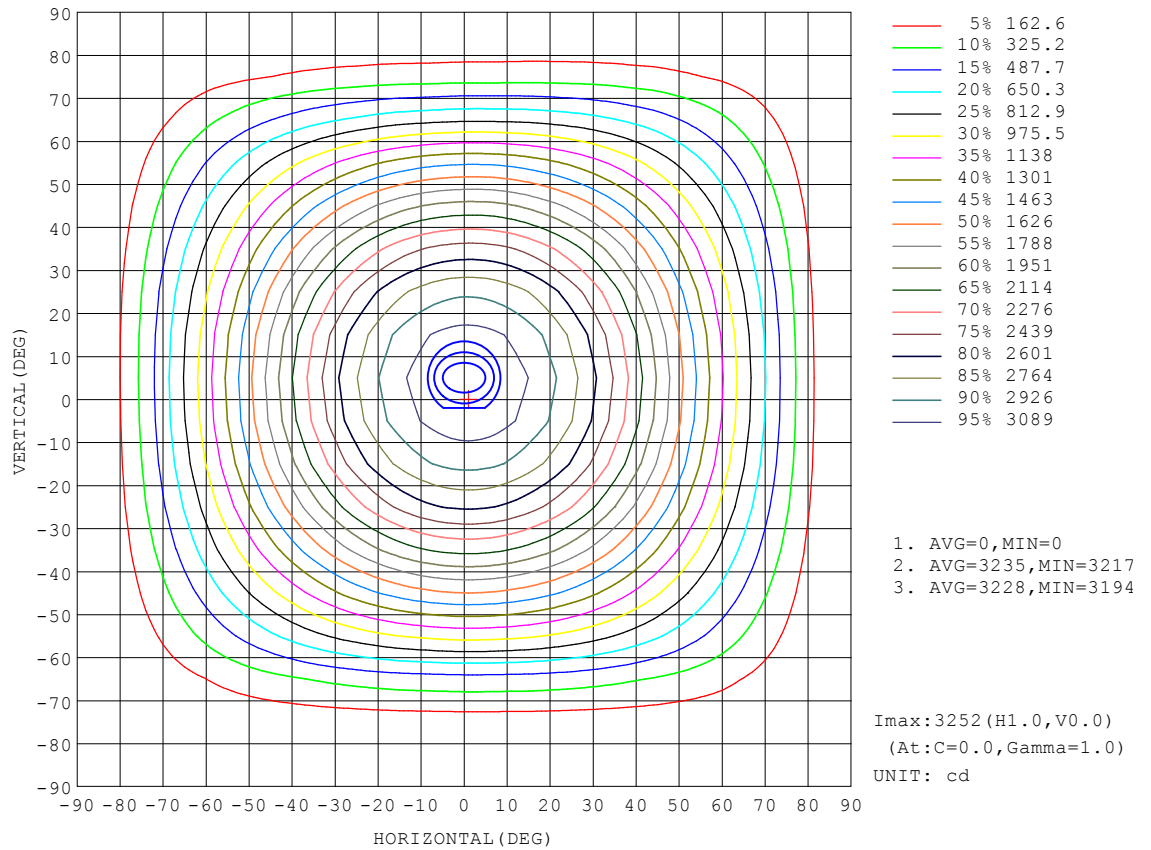
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	61	50	44	61	50	44	59	50	43	37
0.80	72	61	54	71	60	54	69	60	53	47
1.00	80	70	63	79	69	63	77	70	62	56
1.25	87	77	71	86	77	71	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	85	96	89	84	93	87	82	75
2.50	102	95	89	100	93	88	96	91	87	79
3.00	105	99	94	102	97	93	99	94	90	82
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	103	108	104	101	103	101	98	89
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:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



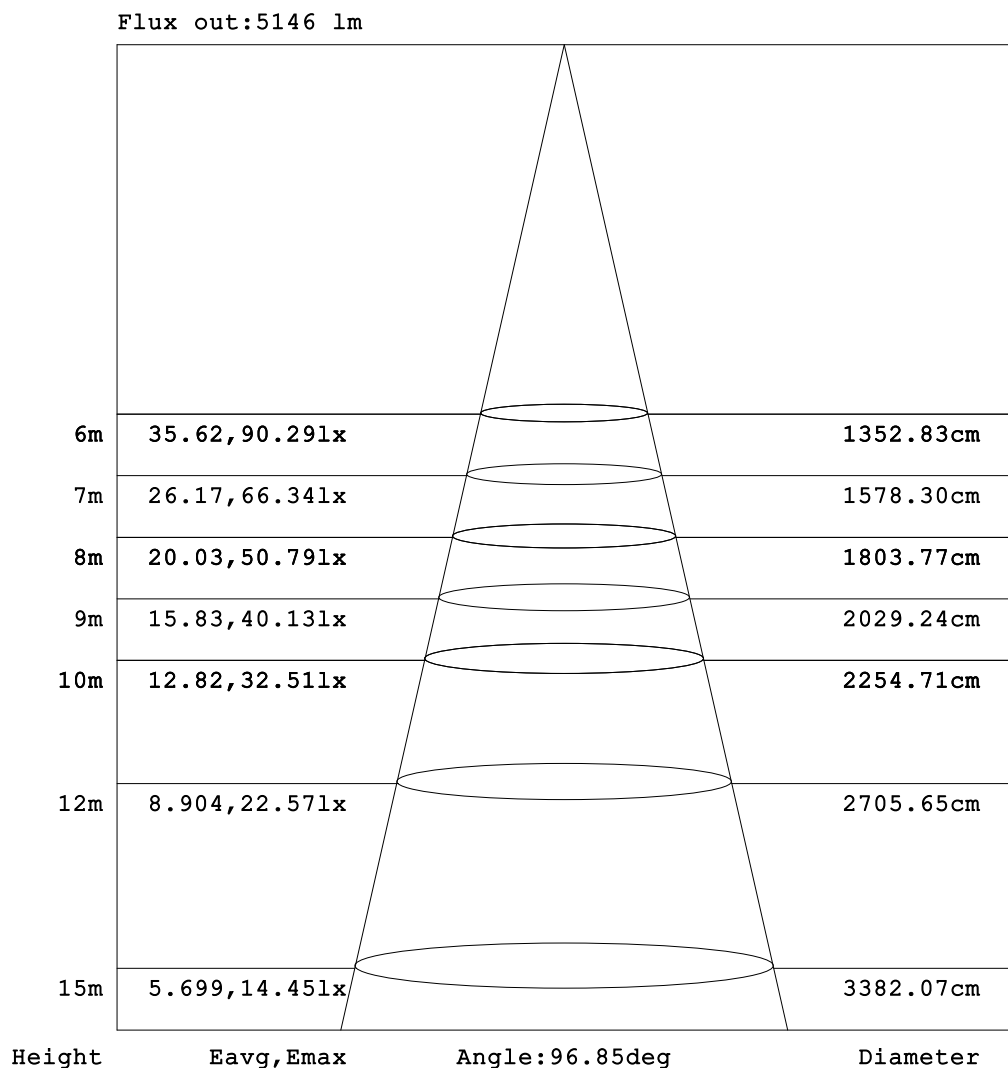
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 2018

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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



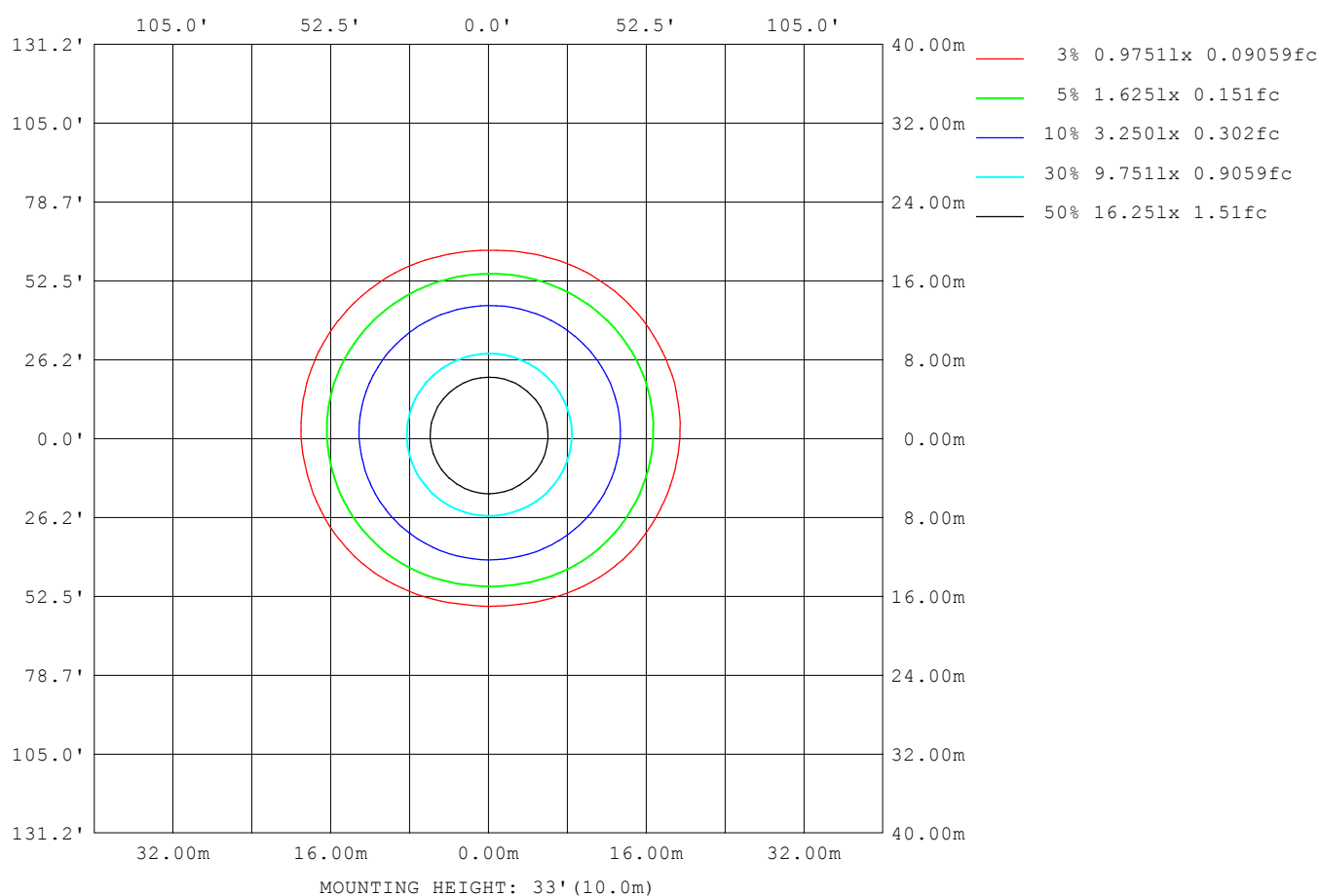
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,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:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

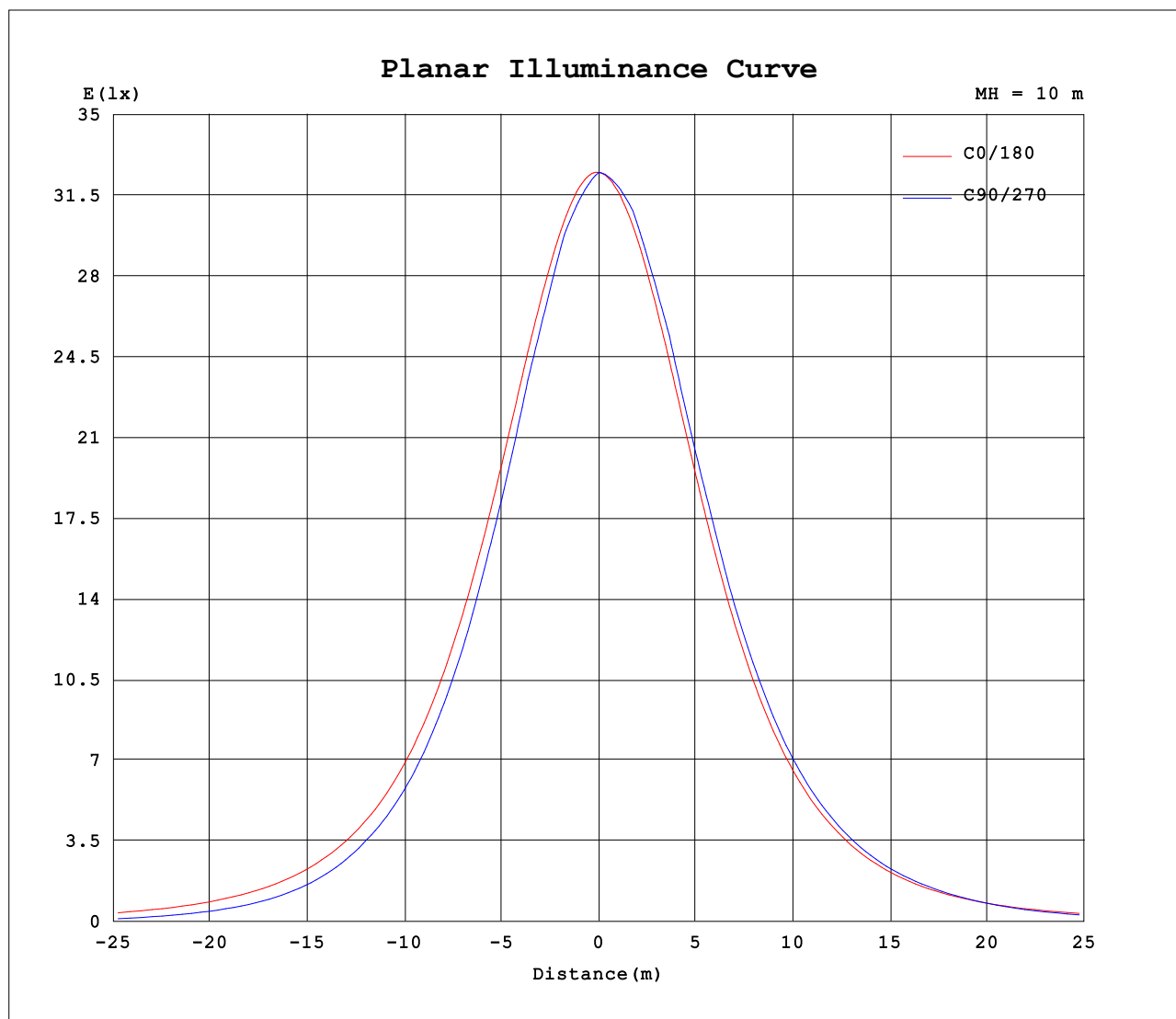
AvgL	cd/m2
L_0~180 (65) av	20445
L_0~180 (75) av	14968
L_0~180 (85) av	4622
L_90~270 (65) av	14383
L_90~270 (75) av	6278
L_90~270 (85) av	0
L_45 (65) av	18693
L_45 (75) av	9786
L_45 (85) av	1196

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:01 June 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:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: cd

[illegible]

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--2

UNIT: cd

[illegible]

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--3

UNIT: cd

Table 3 ON11.7: Ca																				
$\lambda$ (Å) C (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	
0	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	
5	3220	3220	3221	3221	3222	3224	3225	3226	3228	3230	3231	3233	3234	3236	3237	3238	3239	3239	3240	
10	3158	3160	3163	3167	3171	3176	3182	3188	3194	3200	3206	3211	3216	3220	3223	3225	3227	3227	3227	
15	3064	3068	3074	3083	3094	3105	3119	3122	3122	3124	3127	3130	3133	3136	3140	3143	3145	3146	3146	
20	2934	2942	2954	2970	2985	2986	2990	2995	3003	3011	3019	3028	3037	3045	3052	3059	3063	3063	3061	
25	2772	2785	2804	2814	2818	2827	2840	2855	2872	2875	2876	2877	2880	2884	2889	2893	2896	2899	2900	
30	2585	2605	2619	2623	2635	2654	2672	2671	2674	2680	2688	2696	2704	2713	2720	2726	2730	2733	2734	
35	2373	2399	2401	2415	2437	2442	2444	2453	2465	2480	2483	2485	2487	2490	2494	2498	2502	2506	2511	
40	2141	2156	2167	2192	2193	2198	2211	2223	2225	2230	2237	2245	2252	2259	2264	2268	2274	2278	2282	
45	1893	1899	1922	1929	1936	1953	1953	1958	1967	1979	1986	1988	1990	1993	1996	1999	2004	2009	2015	
50	1626	1640	1655	1663	1678	1679	1687	1699	1699	1701	1705	1710	1715	1720	1724	1728	1734	1740	1745	
55	1360	1383	1388	1401	1404	1415	1418	1419	1422	1426	1427	1428	1429	1430	1432	1435	1439	1445	1452	
60	1104	1118	1132	1136	1145	1145	1148	1151	1149	1146	1144	1142	1140	1138	1139	1141	1144	1150	1157	
65	861	871	878	885	887	891	888	885	881	872	851	832	815	799	787	783	786	793	806	
70	619	631	639	644	645	644	638	615	589	561	530	500	476	452	431	424	428	434	452	
75	397	407	413	416	411	392	366	334	309	294	280	267	259	251	244	243	246	249	257	
80	197	205	205	194	180	168	154	139	123	109	96.0	85.3	77.3	71.1	66.9	64.7	64.6	66.5	70.6	
85	45.8	40.5	42.5	33.4	17.6	16.6	15.2	13.4	11.4	9.33	7.27	5.31	3.55	2.07	0.95	0.24	0.00	0.25	1.00	
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( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:120.05V I:0.6831A P:81.338W PF:0.9918 Freq:59.98Hz Lamp Flux:7604.9x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:80W	DIM.: 130*1200mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--4

UNIT: cd

[illegible]

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 June 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:
```