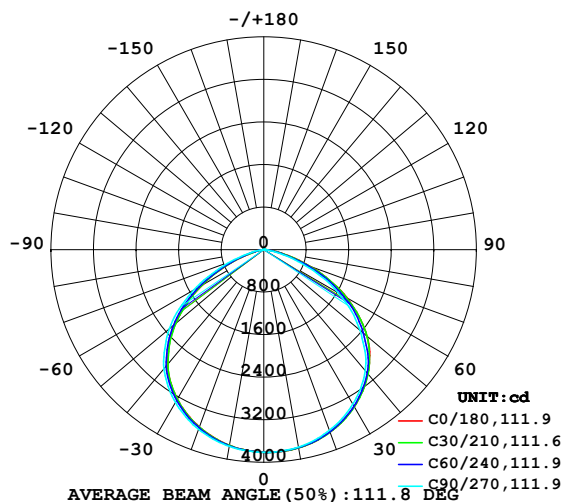


LUMINAIRE PHOTOMETRIC TEST REPORT

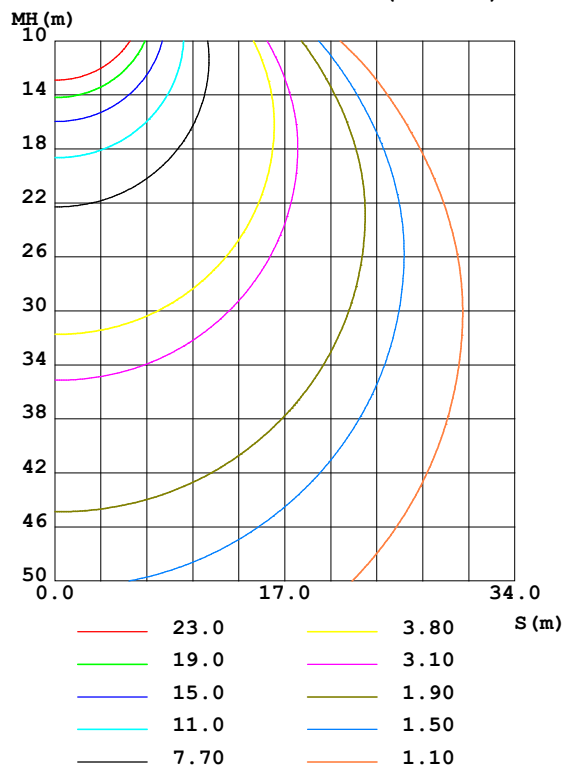
Test:U:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.39 lm/W			
MODEL	N/A	I _{max} (cd)	3815	S/MH(C0/180)	1.27
NOMINAL POWER(W)	65	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	10405	□ UP,DN(C0-180)	0.2,50.7
NOMINAL FLUX(lm)	10405.1	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.2,48.9
LAMPS INSIDE	1	□ up(%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	□ down(%)	99.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 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:

☐	C0	C45	C90	C135	C180	C225	C270	C315	☐	☐ zone	☐ total	%lum, lamp
10	3785	3785	3769	3748	3736	3738	3755	3772	0- 10	361.4	361.4	3.47,3.47
20	3650	3651	3616	3572	3548	3555	3594	3629	10- 20	1044	1405	13.5,13.5
30	3407	3408	3353	3284	3250	3257	3320	3373	20- 30	1605	3010	28.9,28.9
40	3045	3047	2972	2875	2814	2822	2924	2997	30- 40	1971	4982	47.9,47.9
50	2536	2513	2366	2267	2172	2180	2320	2442	40- 50	2051	7032	67.6,67.6
60	1800	1787	1606	1418	1329	1356	1523	1694	50- 60	1760	8792	84.5,84.5
70	935.7	907.3	762.1	572.4	514.7	518.0	664.2	864.3	60- 70	1124	9916	95.3,95.3
80	238.8	225.1	139.4	61.28	37.45	52.75	117.0	182.8	70- 80	405.4	10322	99.2,99.2
90	10.45	7.940	1.621	1.235	1.037	1.014	1.096	4.173	80- 90	45.20	10367	99.6,99.6
100	1.546	1.555	1.817	2.149	2.260	2.209	1.872	1.562	90-100	1.755	10369	99.6,99.6
110	3.150	3.164	3.608	4.048	4.228	4.162	3.709	3.270	100-110	2.865	10371	99.7,99.7
120	5.267	5.294	5.860	6.257	6.402	6.358	5.975	5.413	110-120	4.696	10376	99.7,99.7
130	7.342	7.420	8.035	8.280	8.282	8.294	8.083	7.494	120-130	6.177	10382	99.8,99.8
140	8.982	9.127	9.643	9.762	9.628	9.672	9.611	9.119	130-140	6.733	10389	99.8,99.8
150	10.20	10.41	10.76	10.83	10.68	10.71	10.69	10.35	140-150	6.287	10395	99.9,99.9
160	11.34	11.50	11.69	11.70	11.72	11.65	11.64	11.43	150-160	5.113	10400	100,100
170	12.54	12.57	12.63	12.64	12.80	12.68	12.67	12.56	160-170	3.415	10404	100,100
180	13.43	13.34	13.33	13.31	13.44	13.34	13.33	13.31	170-180	1.234	10405	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 6019.5 lm

%lum = 57.9%

%lamp = 57.9%

Conical surface Flux(120deg): 8791.9 lm

%lum = 84.5%

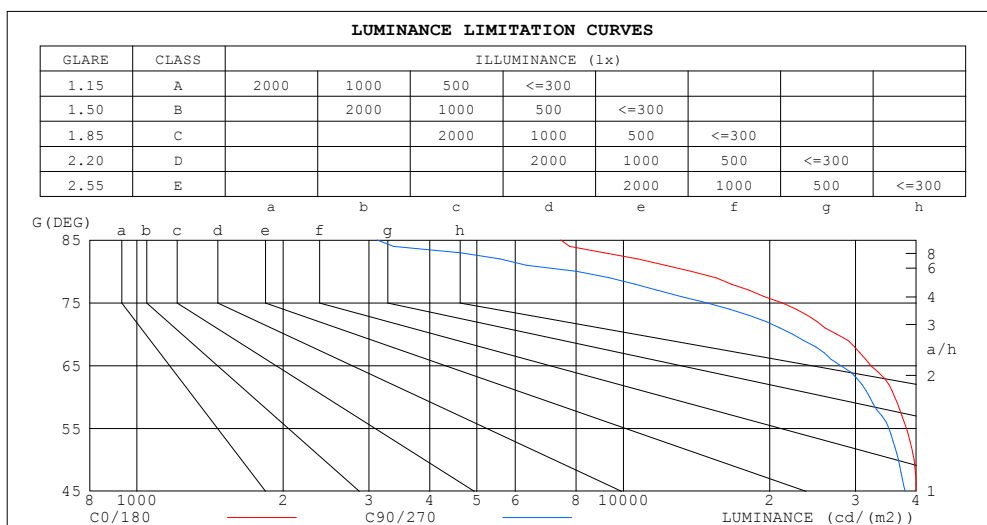
%lamp = 84.5%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

☐ Range: 0 - 180DEG
 ☐ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A



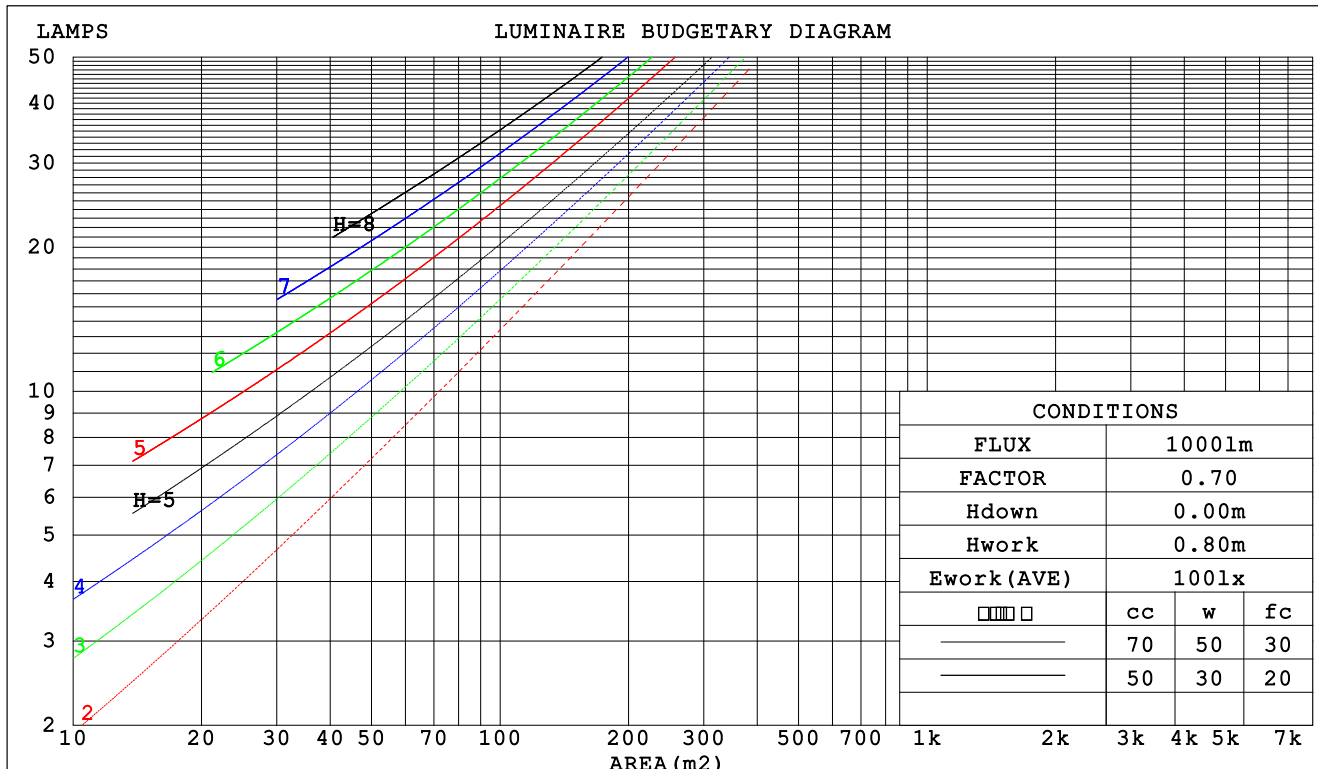
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	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	1.02	.98	1.03	.90	.97	.99	.96	.94	.95	.93	.91	.91	.90	.88	.86
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.78	.75	.73
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.75	.69	.65	.72	.68	.64	.62
4.0	.73	.64	.58	.71	.64	.57	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.50	.62	.55	.49	.60	.53	.49	.58	.52	.48	.46
6.0	.59	.50	.44	.58	.49	.43	.56	.48	.43	.54	.48	.43	.52	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.36
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.38	.32	.27	.26



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

□cc	80%	70%	50%	30%	10%	0
□w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
□fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients (WEC)					
0.0						
1.0	.276 .157 .050	.269 .154 .049	.256 .147 .047	.244 .141 .045	.232 .135 .043	
2.0	.268 .147 .045	.262 .144 .044	.251 .139 .043	.240 .135 .042	.230 .130 .041	
3.0	.253 .135 .040	.248 .133 .040	.237 .129 .039	.228 .125 .038	.219 .121 .038	
4.0	.237 .123 .036	.232 .121 .036	.223 .118 .035	.214 .115 .035	.206 .112 .034	
5.0	.221 .113 .033	.217 .111 .032	.209 .109 .032	.201 .106 .032	.194 .104 .031	
6.0	.207 .104 .030	.203 .102 .029	.195 .100 .029	.189 .098 .029	.182 .096 .028	
7.0	.193 .096 .027	.190 .095 .027	.183 .093 .027	.177 .091 .026	.171 .089 .026	
8.0	.181 .089 .025	.178 .088 .025	.172 .086 .025	.167 .085 .024	.162 .083 .024	
9.0	.170 .082 .023	.168 .082 .023	.162 .080 .023	.157 .079 .023	.153 .078 .022	
10.0	.161 .077 .021	.158 .076 .021	.153 .075 .021	.149 .074 .021	.145 .073 .021	

□cc	80%	70%	50%	30%	10%	0
□w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
□fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients (CCEC)					
0.0	.193 .193 .193	.165 .165 .165	.113 .113 .113	.065 .065 .065	.021 .021 .021	
1.0	.181 .159 .140	.155 .137 .120	.106 .094 .083	.061 .054 .048	.020 .018 .016	
2.0	.172 .135 .104	.147 .116 .090	.101 .080 .063	.058 .047 .037	.019 .015 .012	
3.0	.164 .117 .080	.141 .101 .069	.097 .070 .048	.056 .041 .029	.018 .013 .009	
4.0	.157 .104 .063	.134 .090 .055	.092 .062 .039	.053 .037 .023	.017 .012 .007	
5.0	.150 .093 .051	.128 .081 .045	.088 .056 .032	.051 .033 .019	.017 .011 .006	
6.0	.143 .085 .043	.123 .073 .037	.085 .051 .027	.049 .030 .016	.016 .010 .005	
7.0	.136 .078 .037	.117 .067 .032	.081 .047 .023	.047 .028 .014	.015 .009 .004	
8.0	.130 .072 .032	.112 .062 .028	.077 .044 .020	.045 .026 .012	.015 .008 .004	
9.0	.124 .067 .029	.107 .058 .025	.074 .041 .018	.043 .024 .011	.014 .008 .003	
10.0	.119 .063 .026	.102 .055 .022	.071 .038 .016	.041 .023 .009	.013 .007 .003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm										
NAME: Round X2 Series AC-EM					TYPE:Floodlight			WEIGHT:N/A		
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM					DIM.: N/A			SERIAL No.:N/A		
MFR.: Red Sky Lighting					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	17.8	19.3	18.1	19.5	19.7	17.4	18.9	17.7	19.1	19.3
3H	19.0	20.3	19.3	20.6	20.8	18.4	19.8	18.7	20.0	20.2
4H	19.3	20.6	19.6	20.8	21.1	18.6	19.9	18.9	20.1	20.4
6H	19.4	20.6	19.7	20.9	21.2	18.6	19.8	19.0	20.1	20.4
8H	19.4	20.5	19.7	20.8	21.1	18.6	19.7	18.9	20.0	20.3
12H	19.4	20.5	19.7	20.8	21.1	18.5	19.7	18.9	19.9	20.3
4H 2H	18.3	19.6	18.6	19.8	20.1	18.0	19.3	18.3	19.5	19.8
3H	19.6	20.7	20.0	21.0	21.3	19.1	20.2	19.5	20.5	20.8
4H	20.0	21.0	20.4	21.3	21.7	19.4	20.4	19.8	20.7	21.1
6H	20.2	21.1	20.6	21.4	21.8	19.5	20.4	19.9	20.7	21.1
8H	20.2	21.0	20.6	21.4	21.8	19.5	20.3	19.9	20.6	21.0
12H	20.2	20.9	20.6	21.3	21.7	19.4	20.2	19.8	20.6	21.0
8H 4H	20.1	20.9	20.5	21.3	21.7	19.5	20.3	19.9	20.7	21.1
6H	20.3	21.0	20.8	21.4	21.8	19.7	20.3	20.1	20.7	21.2
8H	20.4	21.0	20.8	21.4	21.8	19.6	20.2	20.1	20.7	21.1
12H	20.4	20.9	20.9	21.3	21.8	19.6	20.1	20.1	20.6	21.1
12H 4H	20.0	20.8	20.5	21.2	21.6	19.5	20.2	19.9	20.6	21.0
6H	20.3	20.9	20.8	21.3	21.8	19.6	20.2	20.1	20.7	21.1
8H	20.4	20.9	20.8	21.3	21.8	19.7	20.2	20.1	20.6	21.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.6				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.6				

 CIE Pub.117, 10405 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 8.1$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

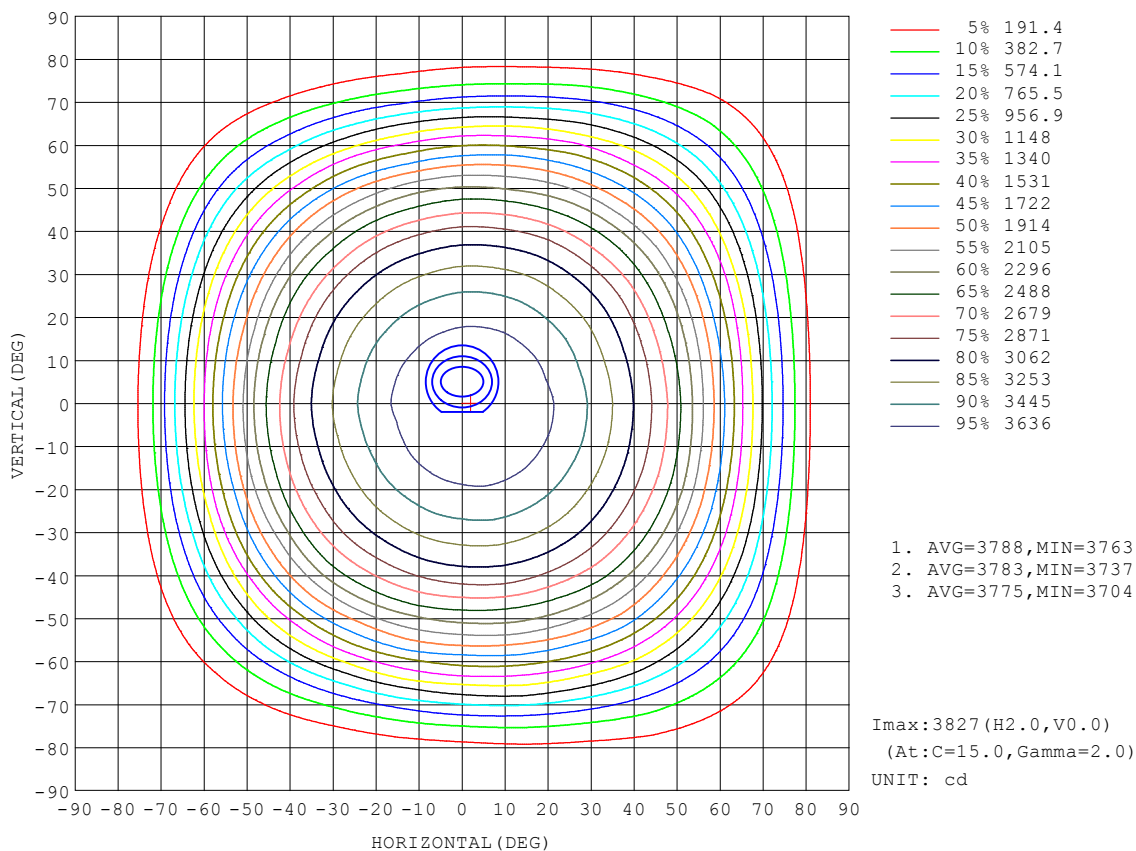
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	58	47	41	57	47	40	34
0.80	69	58	51	68	58	51	67	57	51	44
1.00	78	68	61	77	67	60	75	68	60	53
1.25	85	76	69	84	75	68	81	73	68	61
1.50	90	81	75	89	80	74	86	79	73	66
2.00	97	89	83	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	90	85	77
3.00	104	98	93	102	96	92	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	86
5.00	110	105	102	107	103	100	103	100	97	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHR NOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YZY
 Test Date: 22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A



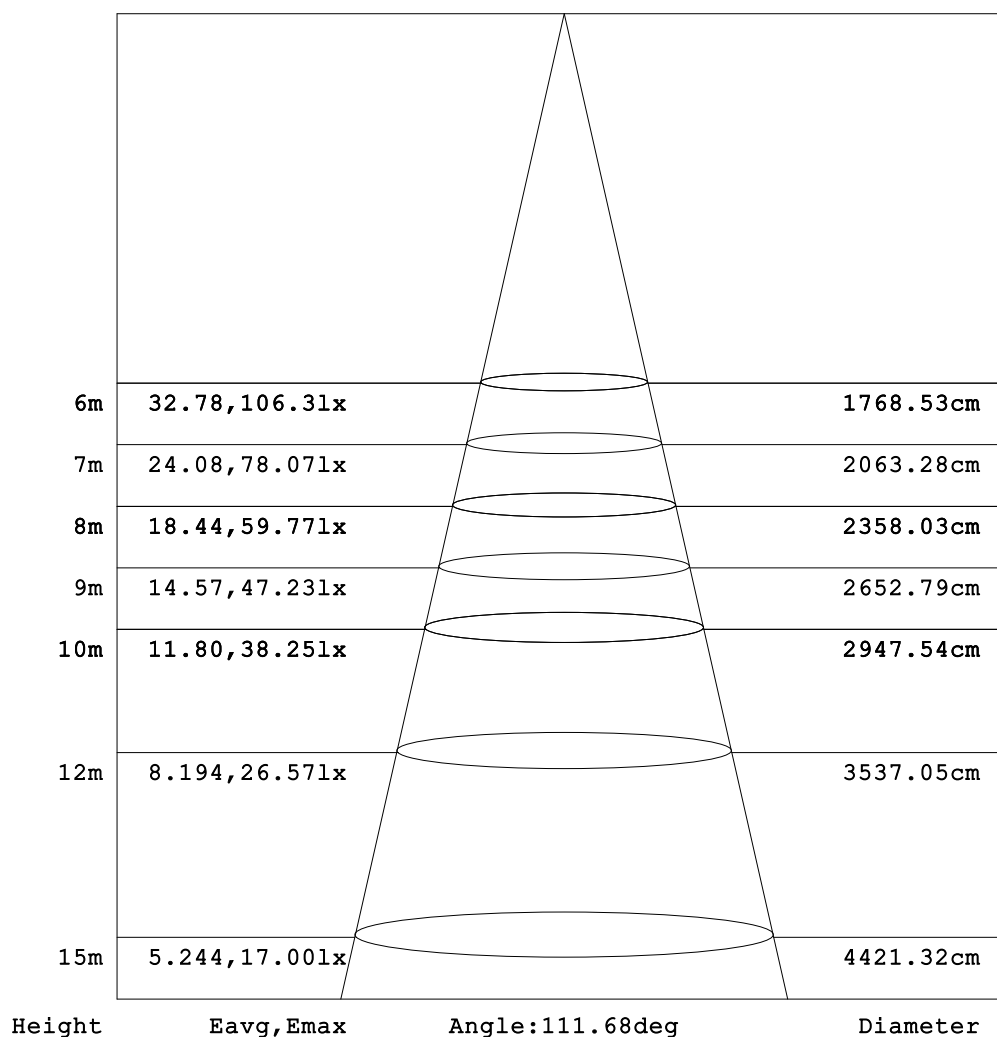
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YZY
 Test Date: 22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

Flux out:8148 lm



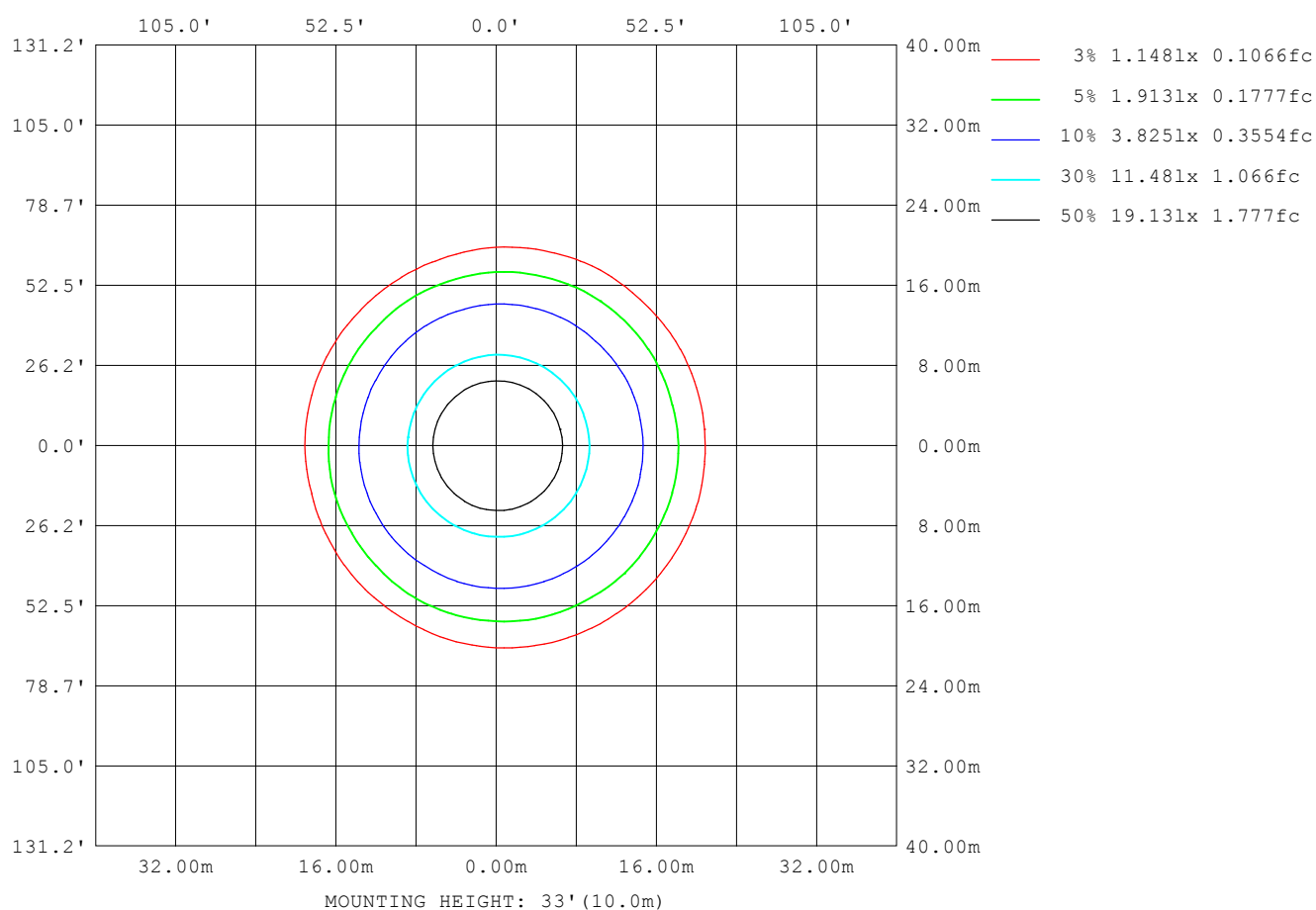
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

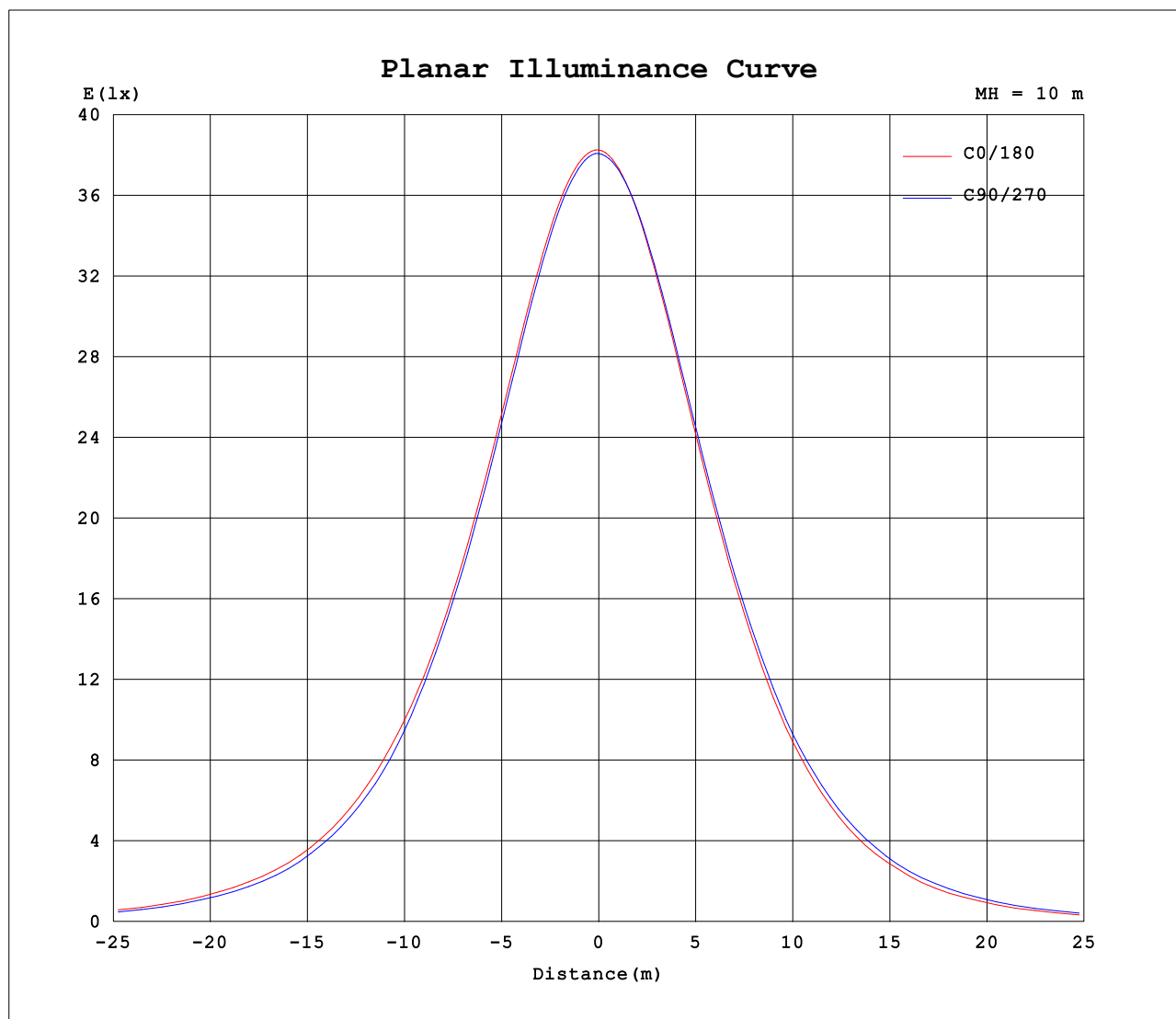
AvgL	cd/m2
L_0~180 (65) av	26653
L_0~180 (75) av	14554
L_0~180 (85) av	3984
L_90~270 (65) av	26699
L_90~270 (75) av	13751
L_90~270 (85) av	2894
L_45 (65) av	26776
L_45 (75) av	14174
L_45 (85) av	3049

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.010m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YZY
Test Date: 22 November 2022

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812	3812
5	3809	3810	3809	3808	3806	3805	3802	3800	3796	3794	3791	3789	3788	3787	3787	3788	3790	3791	3794
10	3785	3787	3785	3785	3780	3777	3769	3763	3754	3748	3741	3738	3736	3734	3736	3738	3744	3748	3755
15	3731	3735	3733	3733	3726	3721	3706	3697	3683	3675	3662	3657	3655	3654	3658	3660	3669	3677	3688
20	3650	3656	3653	3651	3643	3636	3616	3601	3584	3572	3556	3553	3548	3546	3551	3555	3565	3578	3594
25	3543	3551	3546	3543	3534	3525	3500	3480	3458	3442	3423	3420	3413	3408	3416	3421	3435	3450	3472
30	3407	3415	3410	3408	3396	3384	3353	3334	3304	3284	3262	3253	3250	3239	3250	3257	3276	3293	3320
35	3242	3249	3246	3243	3229	3213	3180	3152	3118	3094	3070	3059	3055	3042	3053	3064	3087	3108	3138
40	3045	3053	3051	3047	3029	3008	2972	2938	2897	2875	2841	2833	2814	2790	2804	2822	2857	2887	2924
45	2818	2828	2813	2801	2770	2742	2688	2667	2628	2601	2559	2526	2514	2492	2508	2515	2556	2587	2633
50	2536	2552	2534	2513	2448	2410	2366	2321	2293	2267	2205	2193	2172	2150	2163	2180	2218	2274	2320
55	2183	2215	2182	2158	2109	2079	2018	1976	1891	1868	1813	1777	1771	1761	1763	1795	1837	1871	1946
60	1800	1813	1779	1787	1703	1675	1606	1553	1499	1418	1370	1376	1329	1340	1345	1356	1411	1448	1523
65	1358	1379	1362	1342	1306	1254	1183	1135	1038	987	932	921	895	910	905	922	959	1016	1073
70	936	940	913	907	871	829	762	695	624	572	533	510	515	507	519	518	560	597	664
75	546	548	529	505	474	441	384	345	291	261	221	212	207	192	211	225	256	282	328
80	239	241	233	225	193	175	139	104	78.1	61.3	52.2	41.4	37.4	46.1	41.5	52.7	64.9	82.5	117
85	64.6	59.6	63.5	48.8	46.8	34.3	27.2	22.0	15.4	11.6	7.78	6.28	4.87	4.41	5.84	7.46	11.9	16.1	23.2
90	10.5	11.3	9.60	7.94	4.72	2.64	1.62	1.37	1.28	1.23	1.23	1.21	1.04	1.03	1.02	1.01	0.99	1.02	1.10
95	1.27	1.23	1.26	1.22	1.22	1.22	1.27	1.33	1.43	1.49	1.57	1.58	1.52	1.54	1.49	1.48	1.39	1.34	1.24
100	1.55	1.52	1.55	1.55	1.63	1.68	1.82	1.91	2.06	2.15	2.28	2.31	2.26	2.29	2.23	2.21	2.09	2.02	1.87
105	2.24	2.19	2.24	2.25	2.37	2.45	2.63	2.75	2.94	3.03	3.19	3.23	3.19	3.22	3.15	3.13	2.98	2.90	2.72
110	3.15	3.09	3.15	3.16	3.31	3.40	3.61	3.74	3.94	4.05	4.23	4.27	4.23	4.28	4.20	4.16	4.00	3.91	3.71
115	4.18	4.11	4.17	4.19	4.36	4.47	4.71	4.84	5.05	5.14	5.32	5.37	5.32	5.37	5.29	5.26	5.11	5.02	4.82
120	5.27	5.20	5.26	5.29	5.47	5.61	5.86	6.00	6.18	6.26	6.41	6.46	6.40	6.45	6.38	6.36	6.22	6.16	5.97
125	6.34	6.27	6.33	6.39	6.58	6.75	6.99	7.12	7.27	7.32	7.44	7.48	7.40	7.44	7.39	7.39	7.29	7.25	7.08
130	7.34	7.27	7.35	7.42	7.63	7.80	8.03	8.15	8.27	8.28	8.36	8.39	8.28	8.32	8.28	8.29	8.24	8.23	8.08
135	8.22	8.17	8.25	8.34	8.56	8.73	8.92	9.03	9.12	9.10	9.13	9.14	9.02	9.04	9.02	9.05	9.03	9.05	8.92
140	8.98	8.94	9.03	9.13	9.33	9.49	9.64	9.74	9.81	9.76	9.75	9.75	9.63	9.64	9.63	9.67	9.69	9.71	9.61
145	9.61	9.62	9.71	9.81	9.99	10.1	10.2	10.3	10.4	10.3	10.3	10.3	10.2	10.2	10.2	10.2	10.3	10.3	10.2
150	10.2	10.2	10.3	10.4	10.6	10.7	10.8	10.8	10.9	10.8	10.8	10.8	10.7	10.7	10.7	10.7	10.7	10.8	10.7
155	10.8	10.8	10.9	11.0	11.1	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.2	11.1	11.1	11.2	11.2	11.2	11.2
160	11.3	11.4	11.5	11.5	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.7	11.7	11.7	11.6
165	11.9	12.0	12.0	12.0	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.2	12.2	12.2	12.2	12.2	12.2
170	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.6	12.6	12.6	12.7	12.8	12.7	12.7	12.7	12.7	12.7	12.7
175	13.1	13.1	13.1	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.1	13.1	13.1	13.1	13.1
180	13.4	13.4	13.4	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.3	13.3	13.3	13.3

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:22 November 2022

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
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:219.96V I:0.3015A P:65.282W PF:0.9842 Freq:49.99Hz Lamp Flux:10405.1x1 lm		
NAME: Round X2 Series AC-EM	TYPE:Floodlight	WEIGHT:N/A
SPEC.:RND-65-100-240-5K-110-X2-CG-*-EM	DIM.: N/A	SERIAL No.:N/A
MFR.: Red Sky Lighting	SUR.:N/A	Shielding Angle:N/A

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	3812	3812	3812	3812	3812														
5	3796	3800	3802	3806	3808														
10	3760	3768	3772	3779	3782														
15	3695	3707	3714	3725	3729														
20	3603	3618	3629	3643	3647														
25	3484	3502	3516	3531	3538														
30	3335	3358	3373	3393	3400														
35	3157	3185	3200	3226	3234														
40	2945	2981	2997	3026	3036														
45	2669	2707	2731	2776	2805														
50	2341	2399	2442	2473	2496														
55	2000	2055	2074	2141	2172														
60	1581	1655	1694	1744	1763														
65	1158	1219	1276	1332	1369														
70	725	803	864	910	929														
75	367	435	478	525	529														
80	129	166	183	211	226														
85	28.2	34.4	38.5	45.6	54.4														
90	1.24	2.28	4.17	6.87	8.40														
95	1.18	1.08	1.05	0.99	1.00														
100	1.78	1.63	1.56	1.46	1.45														
105	2.60	2.42	2.33	2.20	2.17														
110	3.58	3.37	3.27	3.11	3.08														
115	4.67	4.43	4.32	4.14	4.10														
120	5.81	5.55	5.41	5.23	5.18														
125	6.92	6.65	6.50	6.29	6.23														
130	7.94	7.66	7.49	7.28	7.21														
135	8.79	8.55	8.37	8.15	8.06														
140	9.50	9.30	9.12	8.91	8.81														
145	10.1	9.95	9.77	9.58	9.46														
150	10.6	10.5	10.3	10.2	10.1														
155	11.1	11.0	10.9	10.8	10.7														
160	11.6	11.5	11.4	11.3	11.3														
165	12.1	12.0	12.0	11.9	11.9														
170	12.6	12.6	12.6	12.5	12.5														
175	13.1	13.0	13.0	13.0	13.0														
180	13.3	13.3	13.3	13.3	13.3														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:22 November 2022

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.010m [K=1.0000]
 Remarks: