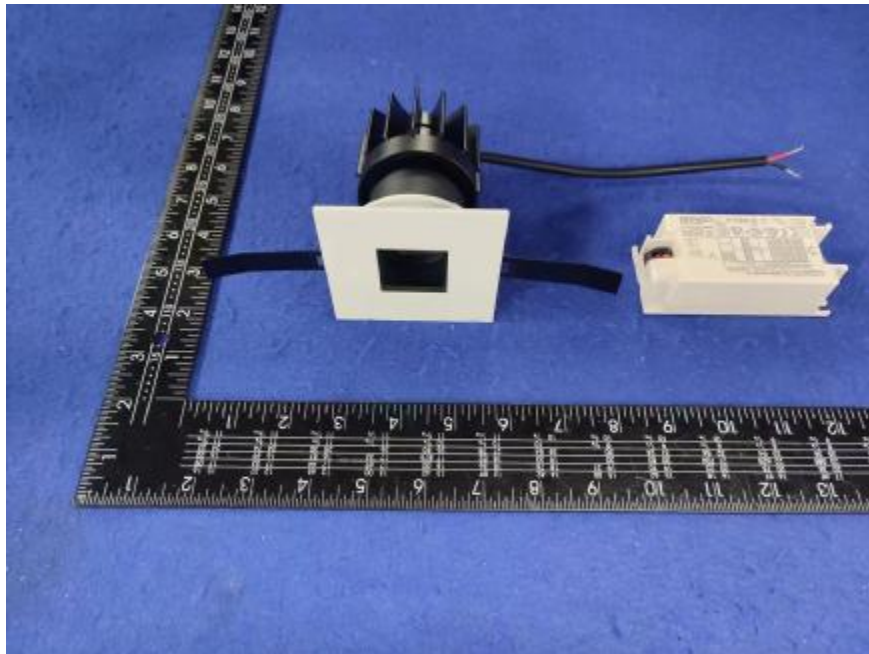


## Luminaire Photograph



Light Output Ratio:	62.5%	
Luminaire Power:	13.67 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.85	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: BXRE-30G1000-A-83 Ra: 90  
LENS: PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

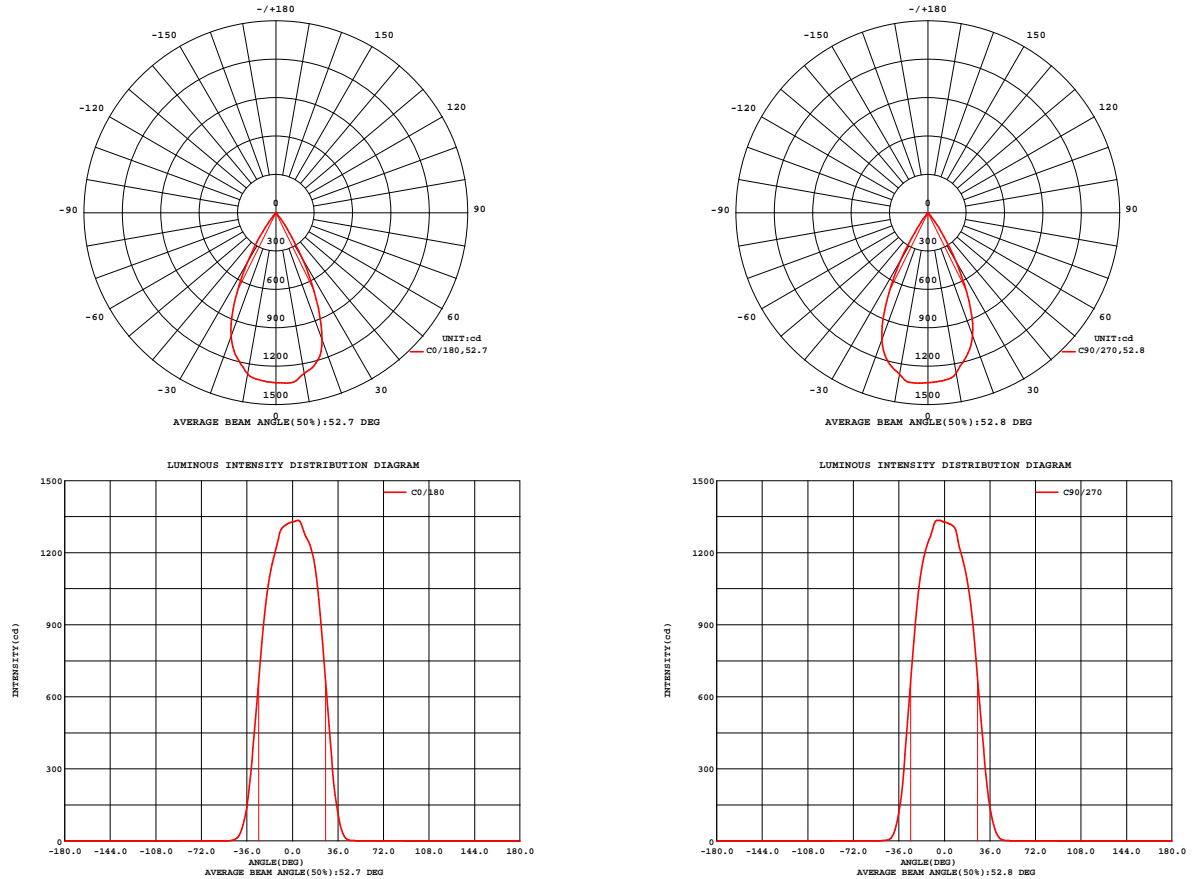


Fig. C0/C180

Fig. C90/C270

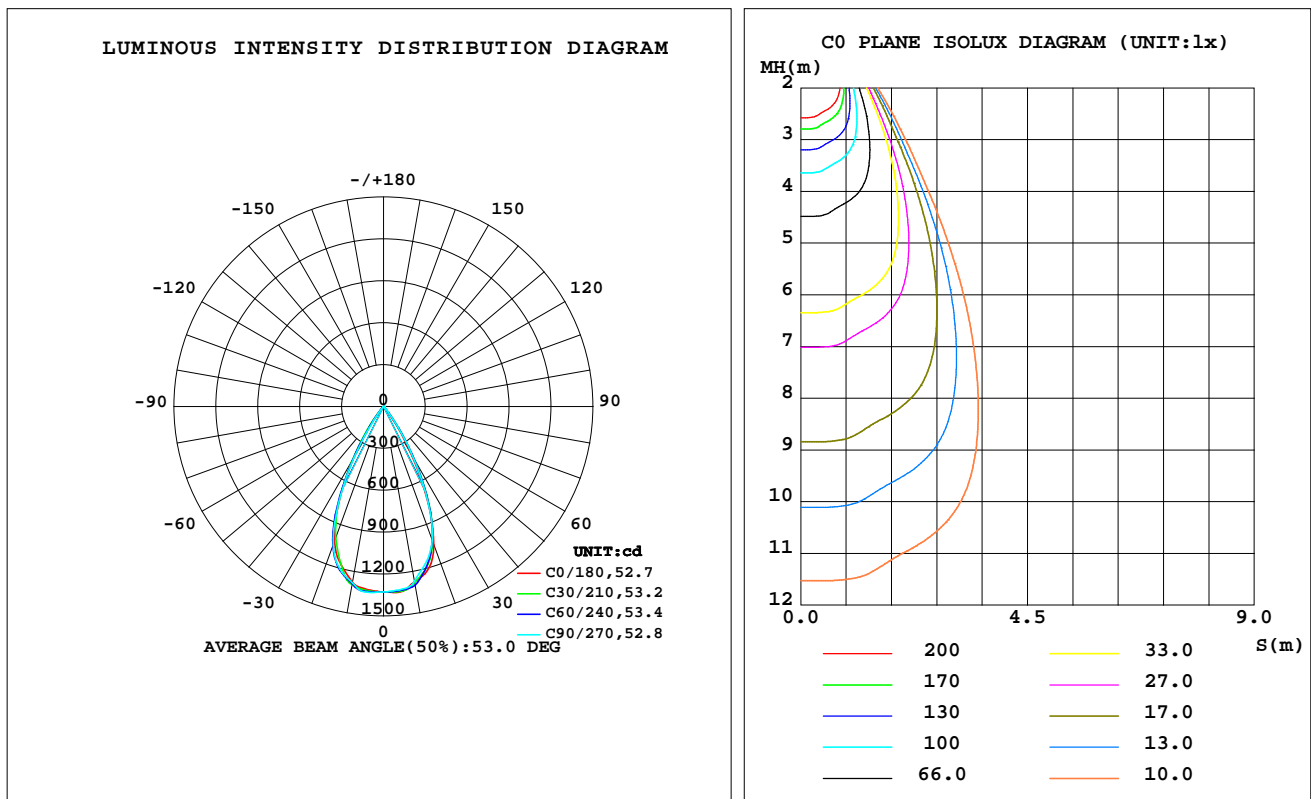
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-8-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: BXRE-30G1000-A-83 Ra: 90  
LENS: PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 68.09 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	1338	S/MH(C0/180)	0.79
NOMINAL POWER(W)	14	LOR(%)	62.5	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	930.97	η UP,DN(C0-180)	0.0,31.3
NOMINAL FLUX(lm)	1490.38	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,31.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	62.5	CIBSE SHR MAX	0.85



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1275	1290	1272	1286	1281	1294	1282	1298	0- 10	125.5	125.5	13.5,8.42
20	1056	1026	1022	1019	1029	1032	1057	1045	10- 20	331.2	456.7	49.1,30.6
30	412.0	452.5	442.8	459.3	446.8	452.9	426.0	445.7	20- 30	341.7	798.4	85.8,53.6
40	31.03	47.86	50.36	55.98	49.03	46.69	30.85	31.42	30- 40	121.9	920.3	98.9,61.8
50	1.188	2.148	1.723	2.147	1.094	1.984	1.319	1.539	40- 50	9.332	929.7	99.9,62.4
60	0.5887	0.7190	0.6288	0.3030	0.2650	0.5158	0.7063	0.5739	50- 60	0.7789	930.4	99.9,62.4
70	0.2386	0.2860	0.2466	0.1837	0.1800	0.2080	0.2831	0.2364	60- 70	0.3747	930.8	100,62.5
80	0.0468	0.0520	0.0763	0.0669	0.0749	0.0420	0.0680	0.0399	70- 80	0.1384	930.9	100,62.5
90	0	0	0	0	0	0	0	0	80- 90	0.0270	931.0	100,62.5
100	0	0	0	0	0	0	0	0	90-100	0	931.0	100,62.5
110	0	0	0	0	0	0	0	0	100-110	0	931.0	100,62.5
120	0	0	0	0	0	0	0	0	110-120	0	931.0	100,62.5
130	0	0	0	0	0	0	0	0	120-130	0	931.0	100,62.5
140	0	0	0	0	0	0	0	0	130-140	0	931.0	100,62.5
150	0	0	0	0	0	0	0	0	140-150	0	931.0	100,62.5
160	0	0	0	0	0	0	0	0	150-160	0	931.0	100,62.5
170	0	0	0	0	0	0	0	0	160-170	0	931.0	100,62.5
180	0	0	0	0	0	0	0	0	170-180	0	931.0	100,62.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz  
Lamp Flux:1490.38x1 lm

NAME: 2418.106-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

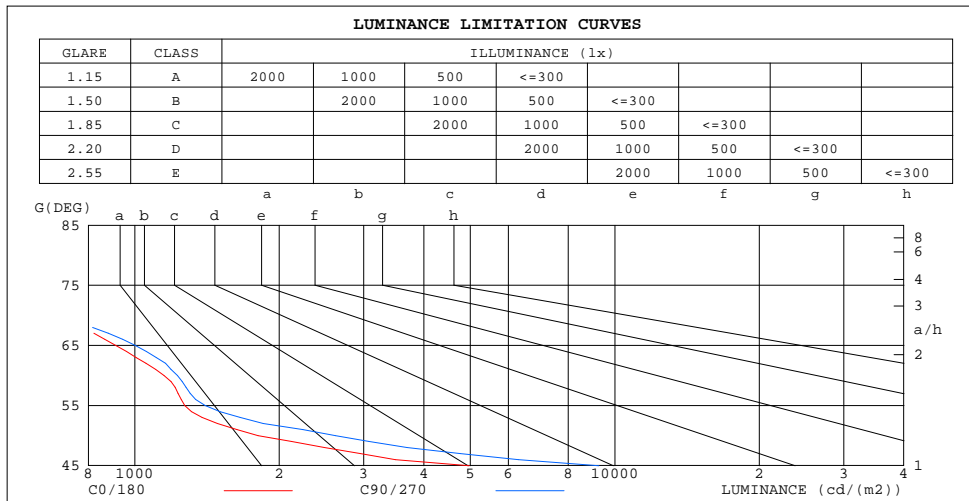
DIM.:

SERIAL No.: 2408081001

MFR.: RISE

SUR.: 0.001024m2

Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz  
Lamp Flux:1490.38x1 lm

NAME: 2418.106-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

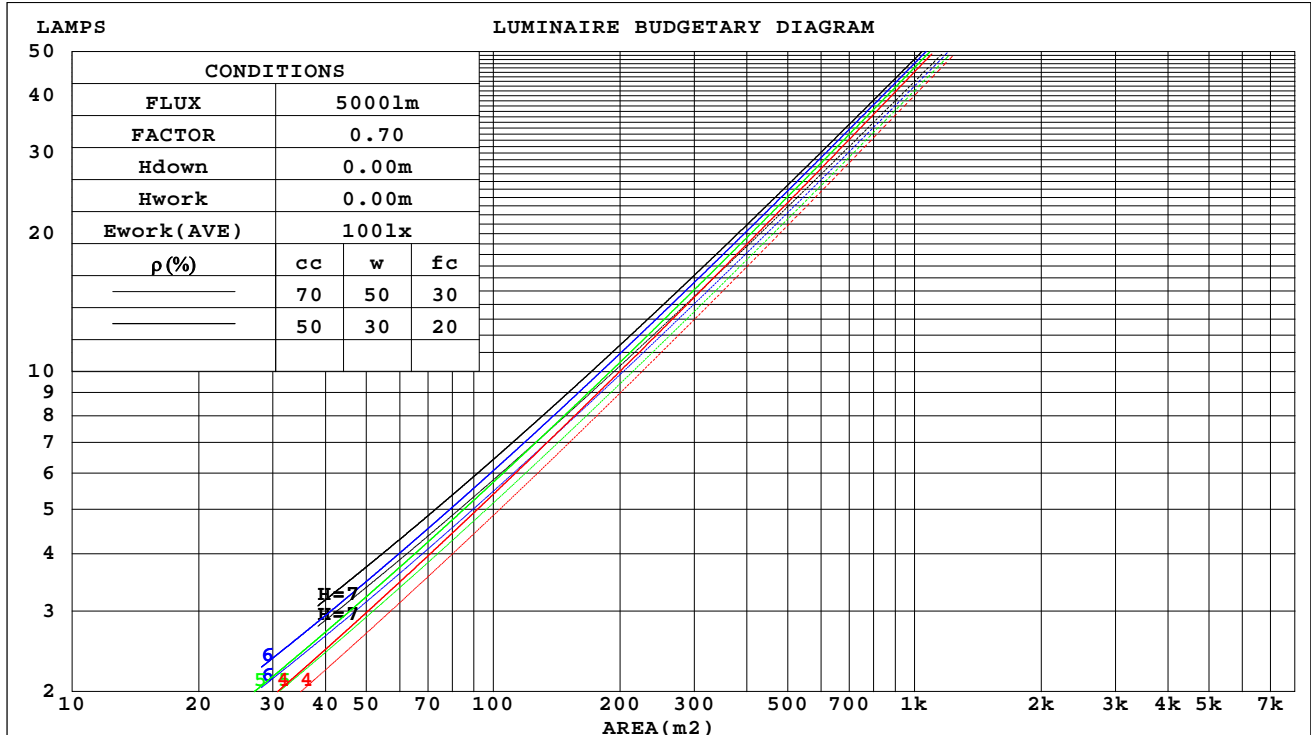
SERIAL No.: 2408081001

MFR.: RISE

SUR.: 0.001024m2

Shielding Angle:

$\rho_{cc}$	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	.74	.74	.74	.73	.73	.73	.69	.69	.69	.66	.66	.66	.64	.64	.64	.62
1.0	.70	.68	.67	.68	.67	.66	.66	.65	.64	.64	.63	.62	.61	.61	.60	.59
2.0	.65	.63	.61	.64	.62	.61	.62	.61	.59	.61	.59	.58	.59	.58	.57	.56
3.0	.62	.59	.57	.61	.58	.56	.59	.57	.55	.58	.56	.54	.56	.55	.54	.53
4.0	.58	.55	.53	.57	.55	.52	.56	.54	.52	.55	.53	.51	.54	.52	.51	.50
5.0	.55	.52	.49	.54	.51	.49	.53	.51	.49	.52	.50	.48	.51	.49	.48	.47
6.0	.52	.49	.46	.52	.49	.46	.51	.48	.46	.50	.48	.46	.49	.47	.45	.45
7.0	.49	.46	.44	.49	.46	.44	.48	.45	.43	.48	.45	.43	.47	.45	.43	.42
8.0	.47	.44	.41	.47	.44	.41	.46	.43	.41	.45	.43	.41	.45	.43	.41	.40
9.0	.45	.41	.39	.44	.41	.39	.44	.41	.39	.43	.41	.39	.43	.41	.39	.38
10.0	.43	.39	.37	.42	.39	.37	.42	.39	.37	.41	.39	.37	.41	.39	.37	.36



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

### WEC AND CCEC

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

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	.101	.058	.018	.097	.056	.018	.089	.051	.016	.082	.047	.015	.076	.044	.014	
2.0	.096	.053	.016	.093	.051	.016	.086	.048	.015	.080	.045	.014	.075	.042	.013	
3.0	.091	.049	.015	.088	.047	.014	.083	.045	.014	.078	.043	.013	.073	.040	.012	
4.0	.087	.045	.013	.084	.044	.013	.080	.042	.013	.075	.040	.012	.071	.039	.012	
5.0	.083	.042	.012	.081	.041	.012	.077	.040	.012	.073	.038	.011	.069	.037	.011	
6.0	.079	.040	.011	.077	.039	.011	.074	.038	.011	.070	.037	.011	.067	.035	.010	
7.0	.076	.037	.011	.074	.037	.011	.071	.036	.010	.068	.035	.010	.065	.034	.010	
8.0	.073	.036	.010	.071	.035	.010	.068	.034	.010	.066	.033	.010	.063	.032	.009	
9.0	.070	.034	.009	.069	.033	.009	.066	.033	.009	.064	.032	.009	.061	.031	.009	
10.0	.067	.032	.009	.066	.032	.009	.064	.031	.009	.062	.031	.009	.060	.030	.009	

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	.119	.119	.119	.102	.102	.102	.069	.069	.069	.040	.040	.040	.013	.013	.013	
1.0	.106	.098	.091	.091	.084	.079	.062	.058	.054	.036	.034	.032	.011	.011	.010	
2.0	.096	.083	.072	.082	.071	.062	.056	.049	.043	.033	.029	.025	.010	.009	.008	
3.0	.088	.071	.057	.075	.061	.050	.052	.042	.035	.030	.025	.021	.010	.008	.007	
4.0	.081	.062	.047	.070	.053	.041	.048	.037	.029	.028	.022	.017	.009	.007	.006	
5.0	.075	.054	.039	.065	.047	.034	.045	.033	.024	.026	.019	.014	.008	.006	.005	
6.0	.070	.048	.032	.061	.042	.028	.042	.029	.020	.024	.017	.012	.008	.006	.004	
7.0	.066	.043	.027	.057	.038	.024	.039	.026	.017	.023	.016	.010	.007	.005	.003	
8.0	.063	.039	.023	.054	.034	.020	.037	.024	.015	.022	.014	.009	.007	.005	.003	
9.0	.060	.036	.020	.051	.031	.018	.036	.022	.013	.021	.013	.008	.007	.004	.002	
10.0	.057	.033	.018	.049	.029	.016	.034	.020	.011	.020	.012	.007	.006	.004	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm										
NAME: 2418.106-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2408081001		
MFR.: RISE					SUR.: 0.001024m2			Shielding Angle:		
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	18.6	19.4	18.8	19.6	19.7	19.2	20.0	19.4	20.2	20.4
3H	18.4	19.2	18.6	19.4	19.6	19.0	19.8	19.3	20.0	20.2
4H	18.3	19.0	18.6	19.3	19.5	18.9	19.7	19.2	19.9	20.1
6H	18.2	18.9	18.5	19.1	19.4	18.9	19.5	19.1	19.8	20.0
8H	18.2	18.8	18.5	19.1	19.3	18.8	19.5	19.1	19.7	20.0
12H	18.1	18.8	18.4	19.0	19.3	18.8	19.4	19.1	19.7	19.9
4H 2H	18.3	19.0	18.6	19.3	19.5	18.9	19.7	19.2	19.9	20.1
3H	18.1	18.8	18.4	19.0	19.3	18.8	19.4	19.1	19.7	19.9
4H	18.0	18.6	18.4	18.9	19.2	18.7	19.2	19.0	19.5	19.8
6H	17.9	18.4	18.3	18.8	19.1	18.6	19.1	18.9	19.4	19.8
8H	17.9	18.4	18.3	18.7	19.1	18.5	19.0	18.9	19.3	19.7
12H	17.8	18.3	18.2	18.6	19.0	18.5	18.9	18.9	19.3	19.7
8H 4H	17.9	18.4	18.3	18.7	19.1	18.5	19.0	18.9	19.3	19.7
6H	17.8	18.2	18.2	18.6	19.0	18.4	18.8	18.8	19.2	19.6
8H	17.7	18.1	18.2	18.5	18.9	18.4	18.7	18.8	19.1	19.6
12H	17.7	18.0	18.1	18.4	18.9	18.3	18.6	18.8	19.0	19.5
12H 4H	17.8	18.3	18.2	18.6	19.0	18.5	18.9	18.9	19.3	19.7
6H	17.7	18.1	18.2	18.5	18.9	18.4	18.7	18.8	19.1	19.6
8H	17.7	18.0	18.1	18.4	18.9	18.3	18.6	18.8	19.0	19.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.2 / -19.1					+ 4.6 / -19.6				
1.5H	+ 7.0 / -17.9					+ 7.4 / -18.1				
2.0H	+ 6.0 / - 3.8					+ 6.3 / - 5.2				

CIE Pub.117, 1490 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)  
Area: 0.001024 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

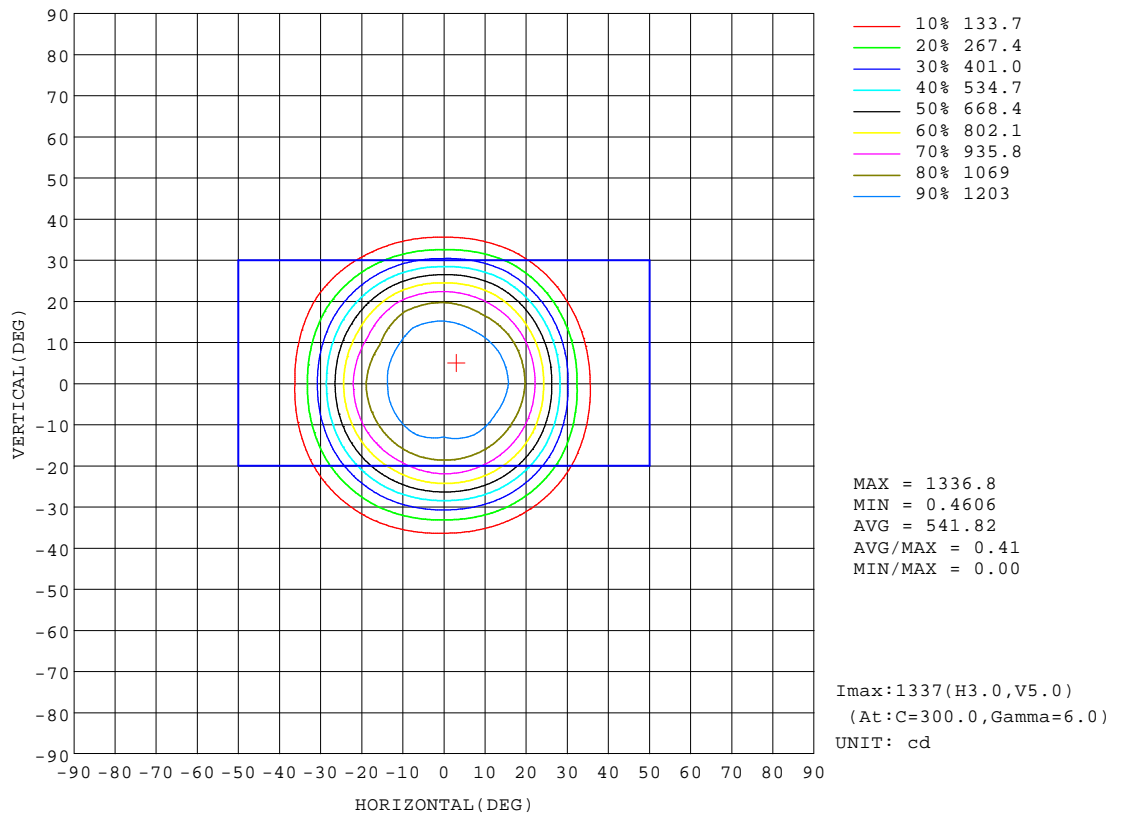
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	53	51	56	53	51	56	53	51	49
0.80	61	58	56	61	58	56	60	57	55	53
1.00	63	60	58	63	60	58	62	60	58	56
1.25	66	63	61	65	62	61	64	62	60	58
1.50	67	65	63	66	64	62	65	63	62	59
2.00	69	66	64	68	66	64	66	64	63	60
2.50	70	67	66	69	67	65	67	65	64	60
3.00	70	68	67	69	68	66	67	66	65	61
4.00	72	70	69	70	69	68	68	67	66	62
5.00	72	71	70	71	70	69	69	68	67	62
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

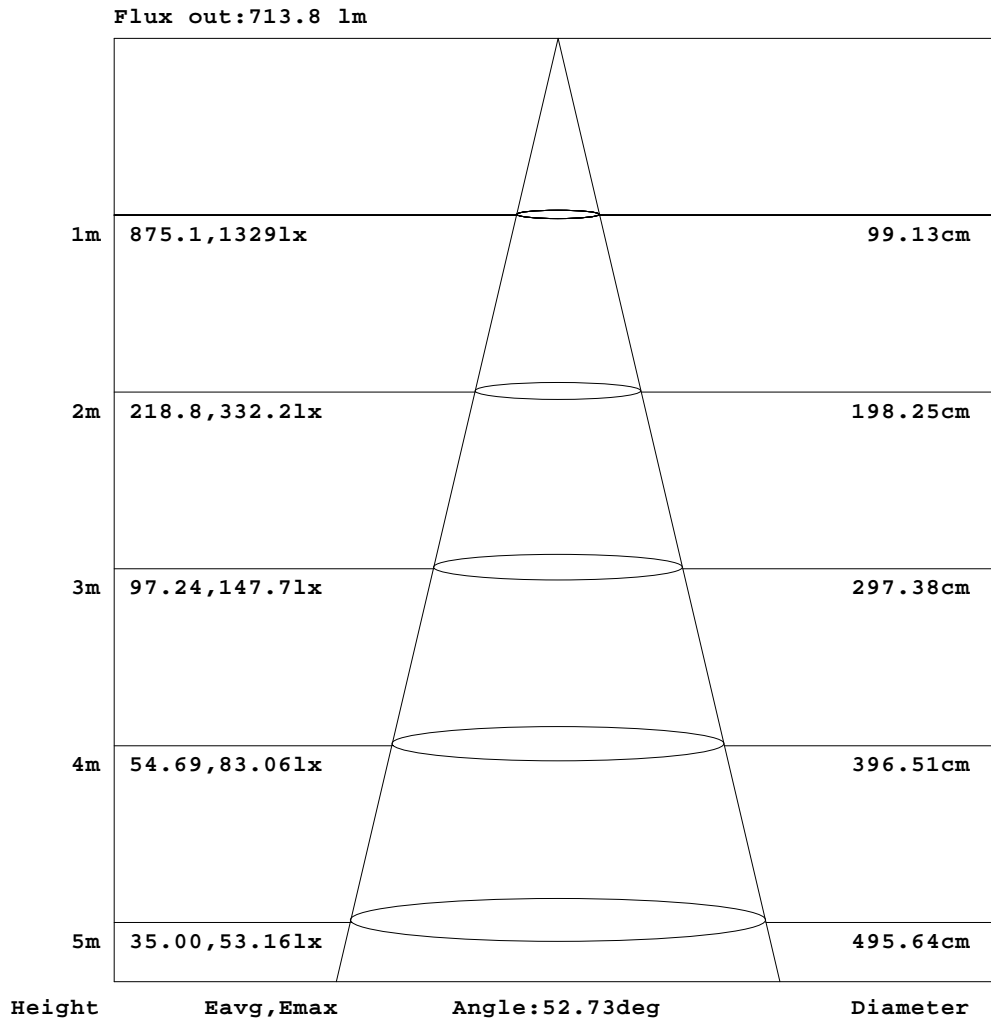


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## AAI Figure

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:



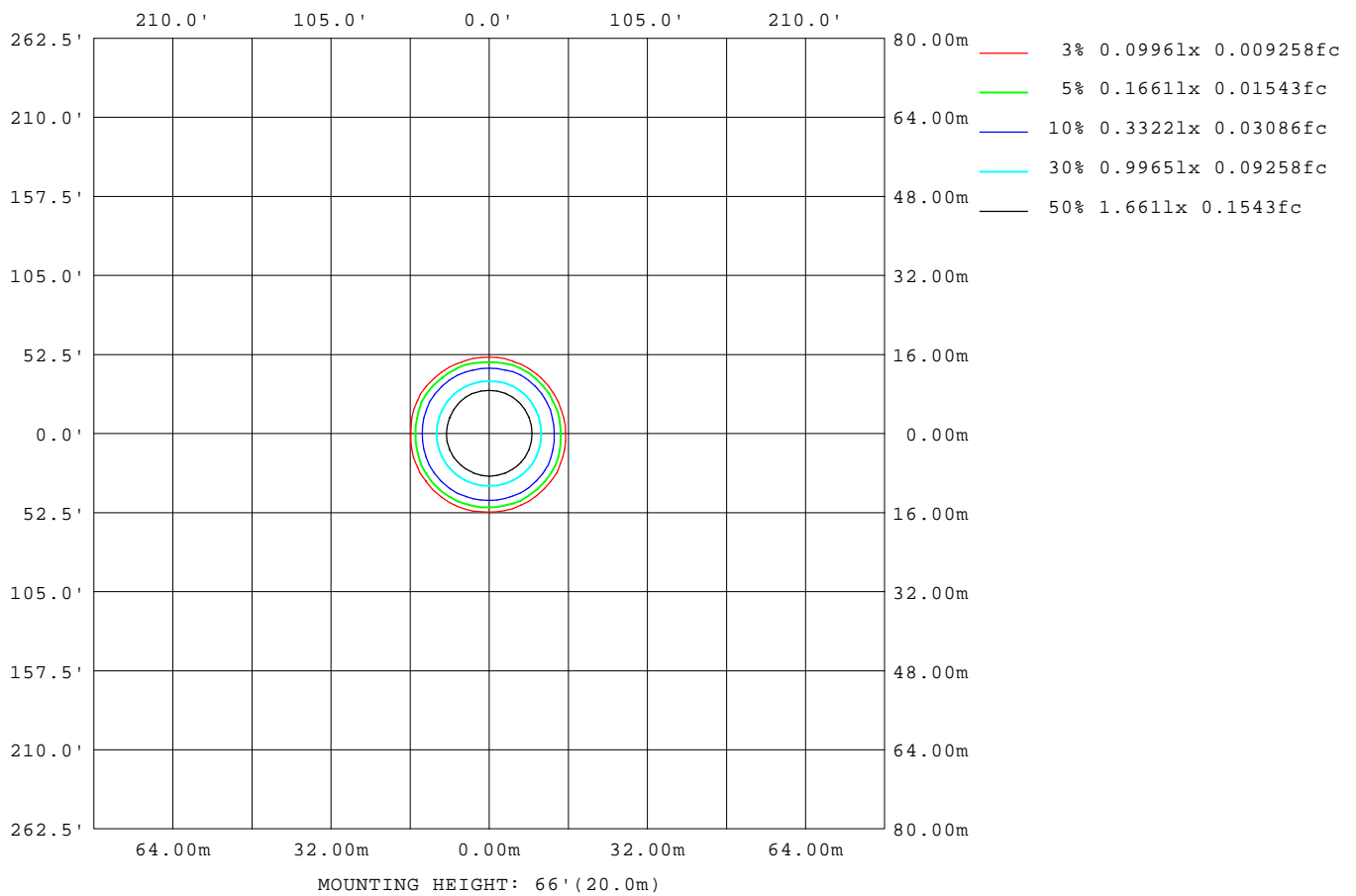
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: BXRE-30G1000-A-83 Ra: 90  
LENS: PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

### LED Avg.L Report

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

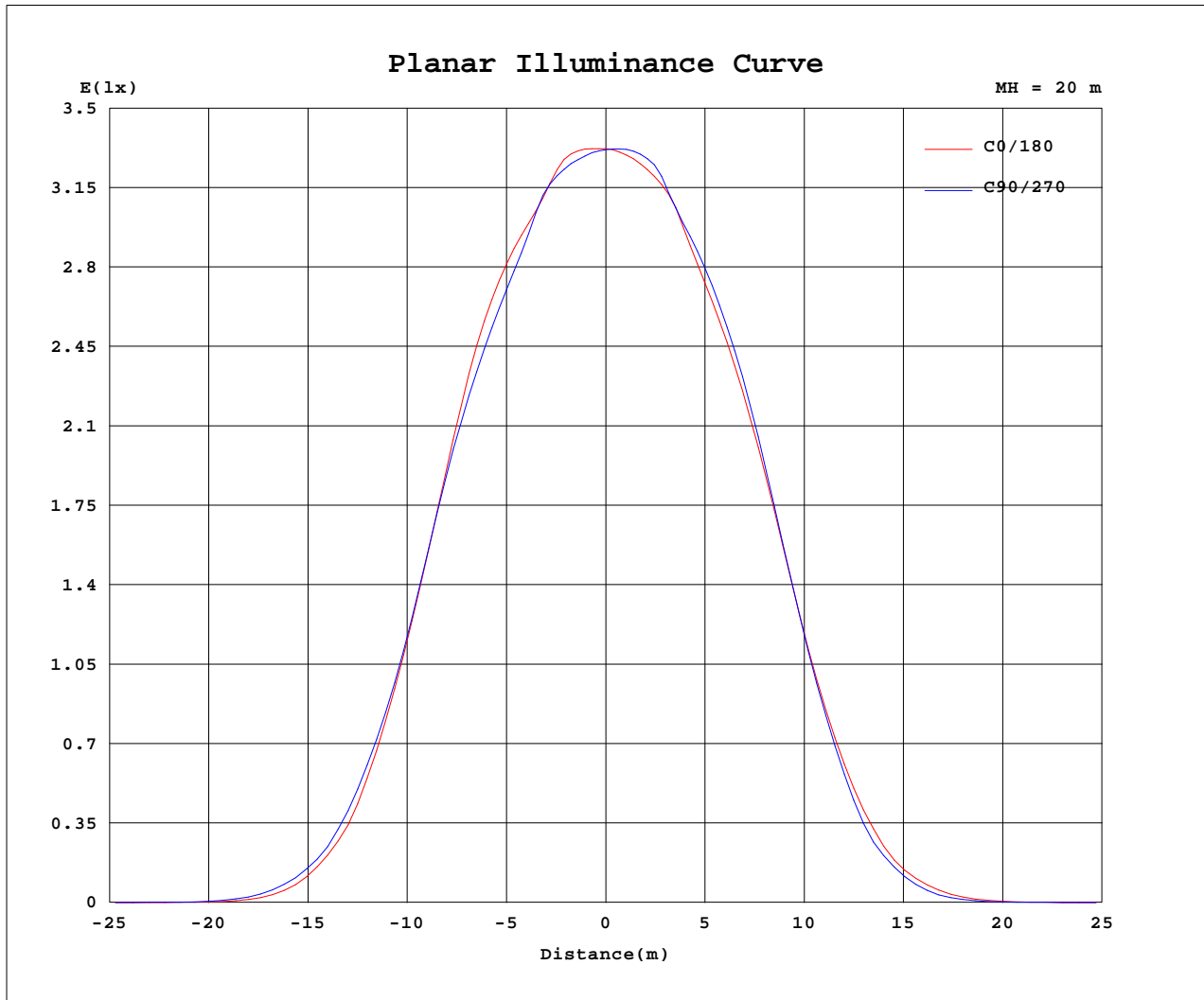
AvgL	cd/m2
L_0~180(65)av	743
L_0~180(75)av	483
L_0~180(85)av	248
L_90~270(65)av	1042
L_90~270(75)av	530
L_90~270(85)av	488
L_45(65)av	858
L_45(75)av	451
L_45(85)av	128

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082C 50R  
DRIVER: IT FIT 20/200-240/500 CS 350mA  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators: zoe  
 Test Date: 2024-8-8

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: BXRE-30G1000-A-83 Ra:90  
 LENS: PM-1082C 50R  
 DRIVER: IT FIT 20/200-240/500 CS 350mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.17V I:0.0640A P:13.673W PF:0.9677 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.106-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408081001
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328						
5	1334	1329	1324	1318	1315	1313	1316	1323	1331	1335	1337	1336						
10	1275	1280	1300	1272	1287	1285	1281	1297	1291	1282	1311	1284						
15	1216	1194	1189	1163	1184	1177	1175	1175	1213	1207	1195	1211						
20	1056	1031	1022	1022	1014	1024	1029	1001	1063	1057	1036	1055						
25	751	771	768	758	755	762	764	760	785	767	784	763						
30	412	450	455	443	459	460	447	458	448	426	457	434						
35	153	186	192	180	205	209	181	200	173	151	170	152						
40	31.0	46.2	49.5	50.4	55.9	56.1	49.0	52.0	41.4	30.9	30.4	32.5						
45	3.60	9.05	10.4	6.71	12.0	11.2	6.95	11.2	7.35	3.69	6.66	5.95						
50	1.19	1.96	2.34	1.72	2.34	1.95	1.09	2.26	1.71	1.32	1.69	1.39						
55	0.75	0.90	1.13	0.82	0.65	0.53	0.31	0.65	0.90	0.88	0.80	0.73						
60	0.59	0.63	0.80	0.63	0.33	0.28	0.26	0.35	0.68	0.71	0.58	0.56						
65	0.39	0.43	0.54	0.43	0.26	0.25	0.25	0.26	0.46	0.47	0.41	0.39						
70	0.24	0.26	0.31	0.25	0.17	0.19	0.18	0.16	0.26	0.28	0.24	0.23						
75	0.12	0.13	0.16	0.13	0.10	0.15	0.13	0.07	0.12	0.15	0.12	0.11						
80	0.05	0.04	0.06	0.08	0.06	0.08	0.07	0.03	0.05	0.07	0.04	0.04						
85	0.01	0.01	0.01	0.05	0.03	0.03	0.03	0.01	0.01	0.04	0.01	0.01						
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						
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-8-8

γ Range: 0 - 180DEG  
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