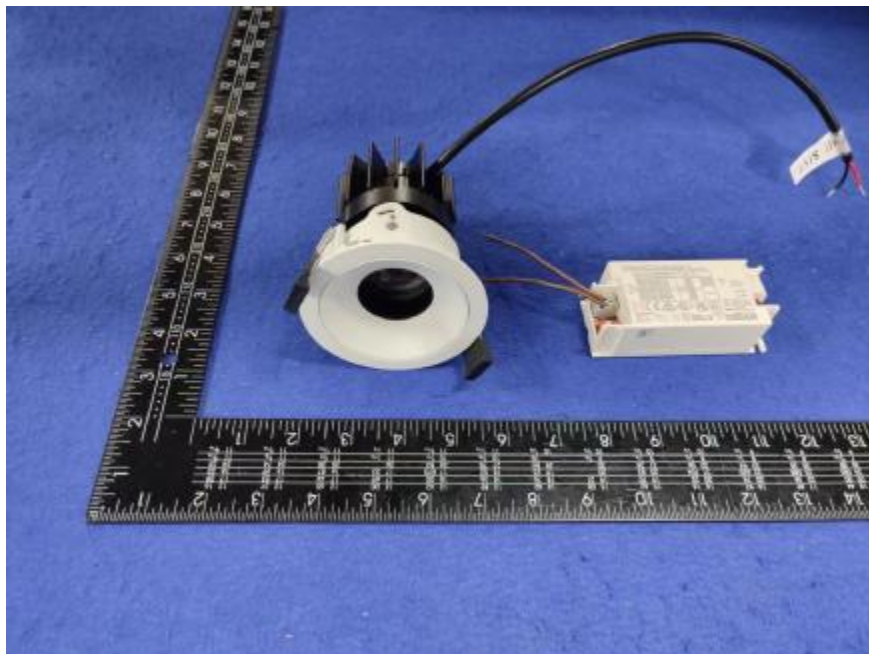


## Luminaire Photograph



Light Output Ratio:	67.7%	
Luminaire Power:	13.53 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: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

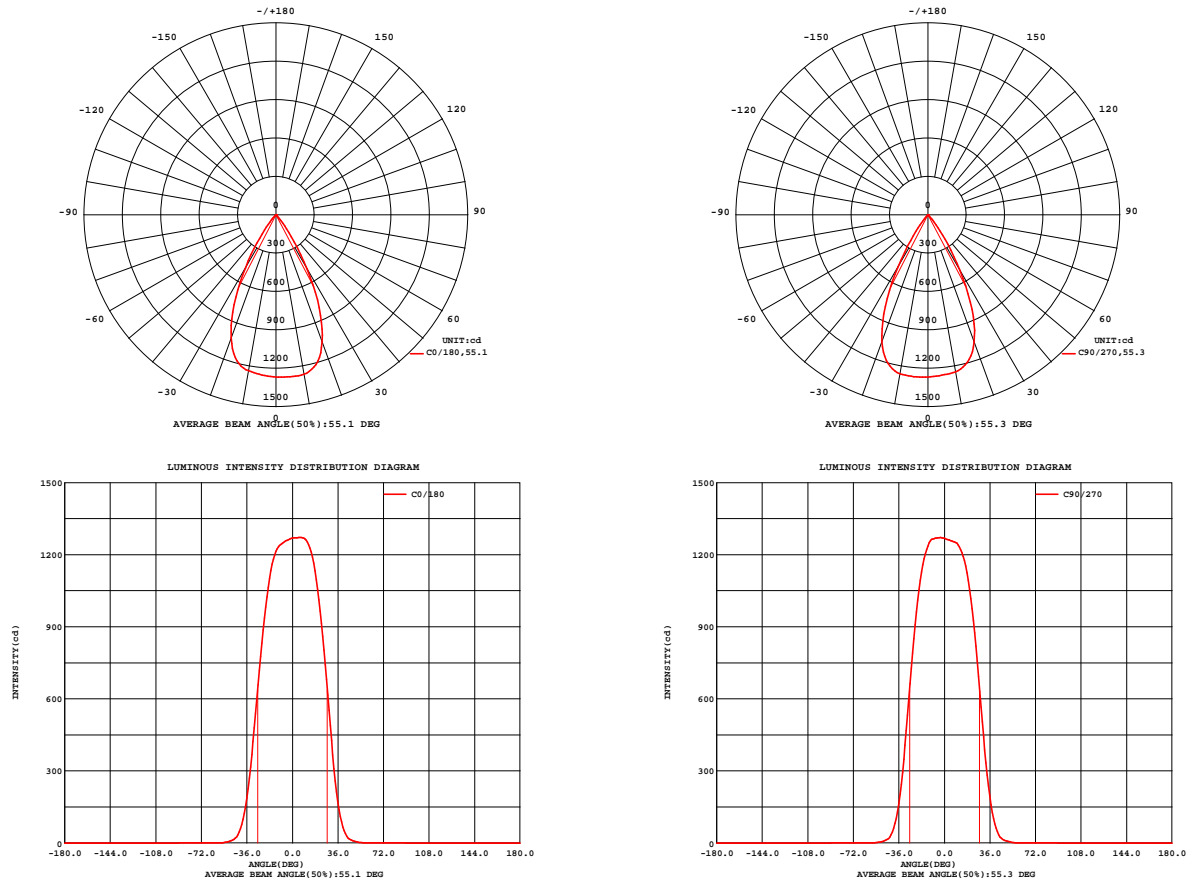


Fig. C0/C180

Fig. C90/C270

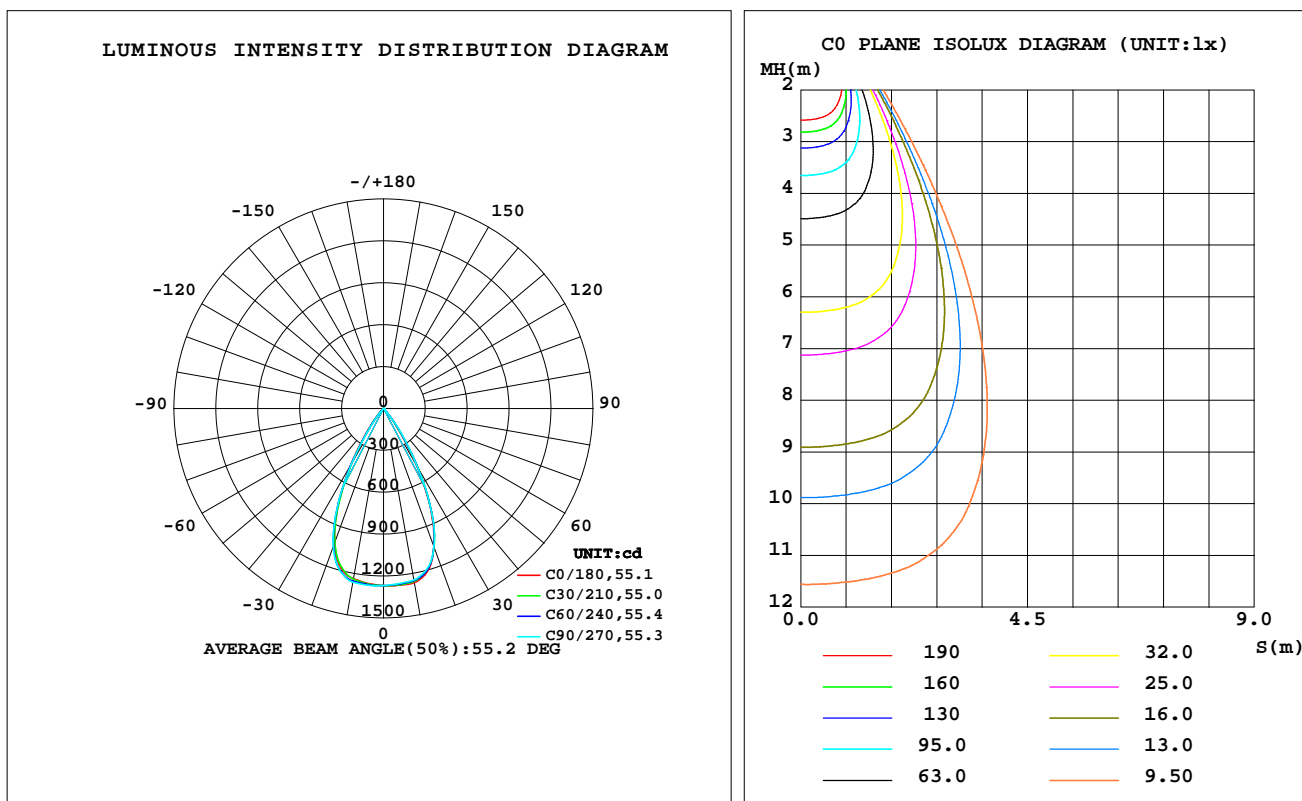
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.80 lm/W			
MODEL	Bridgelux	Imax(cd)	1272	S/MH(C0/180)	0.81
NOMINAL POWER(W)	14	LOR(%)	67.7	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	971.41	$\eta$ UP,DN(C0-180)	0.0,34.4
NOMINAL FLUX(lm)	1434.29	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,33.4
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	$\eta$ down(%)	67.7	CIBSE SHR MAX	0.85



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

$\gamma$  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 20/220-240/500 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	1265	1254	1247	1236	1238	1248	1263	1266	0- 10	120.3	120.3	12.4,8.39
20	1055	1057	1056	1032	1024	1035	1053	1046	10- 20	331.0	451.3	46.5,31.5
30	487.9	501.3	503.6	498.3	479.4	466.0	468.2	468.0	20- 30	355.0	806.3	83,56.2
40	66.59	73.21	79.45	82.79	76.70	66.60	61.30	57.92	30- 40	144.9	951.2	97.9,66.3
50	5.670	6.479	6.848	6.797	6.346	5.474	5.019	4.736	40- 50	18.32	969.5	99.8,67.6
60	0.2391	0.2528	0.2650	0.2674	0.2288	0.1361	0.1142	0.1363	50- 60	1.682	971.2	100,67.7
70	0.1302	0.1375	0.1450	0.1408	0.1283	0.0965	0.1002	0.0993	60- 70	0.1686	971.3	100,67.7
80	0.0329	0.0245	0.0301	0.0255	0.0298	0.0225	0.0298	0.0243	70- 80	0.0579	971.4	100,67.7
90	0	0	0	0	0	0	0	0	80- 90	0.0196	971.4	100,67.7
100	0	0	0	0	0	0	0	0	90-100	0	971.4	100,67.7
110	0	0	0	0	0	0	0	0	100-110	0	971.4	100,67.7
120	0	0	0	0	0	0	0	0	110-120	0	971.4	100,67.7
130	0	0	0	0	0	0	0	0	120-130	0	971.4	100,67.7
140	0	0	0	0	0	0	0	0	130-140	0	971.4	100,67.7
150	0	0	0	0	0	0	0	0	140-150	0	971.4	100,67.7
160	0	0	0	0	0	0	0	0	150-160	0	971.4	100,67.7
170	0	0	0	0	0	0	0	0	160-170	0	971.4	100,67.7
180	0	0	0	0	0	0	0	0	170-180	0	971.4	100,67.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

$\gamma$  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 20/220-240/500 CS 350mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz  
Lamp Flux:1434.29x1 lm

NAME: 2318.111-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

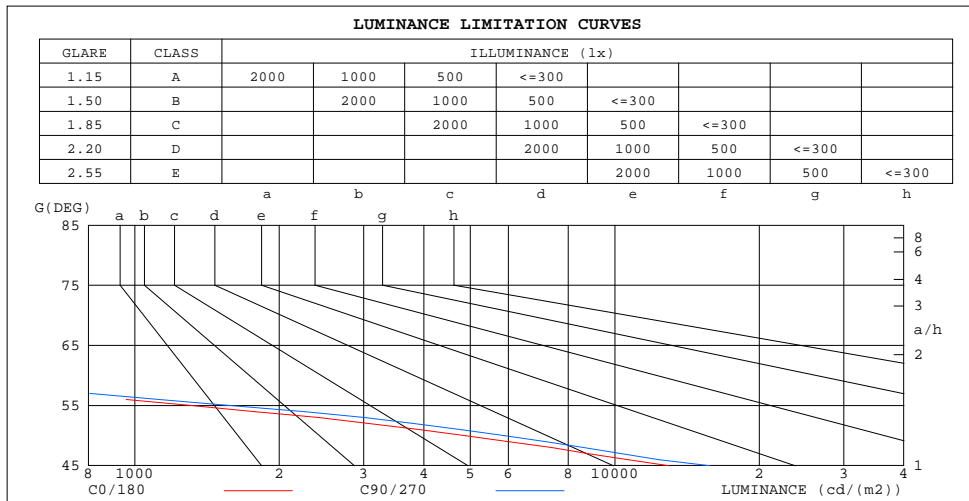
DIM.:

SERIAL No.: 2312211466

MFR.: RISE

SUR.: 0.00180864m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	150	128
80	105	96
75	104	98
70	211	234
65	275	283
60	264	293
55	1316	1584
50	4879	5893
45	12963	15798

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz  
Lamp Flux:1434.29x1 lm

NAME: 2318.111-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

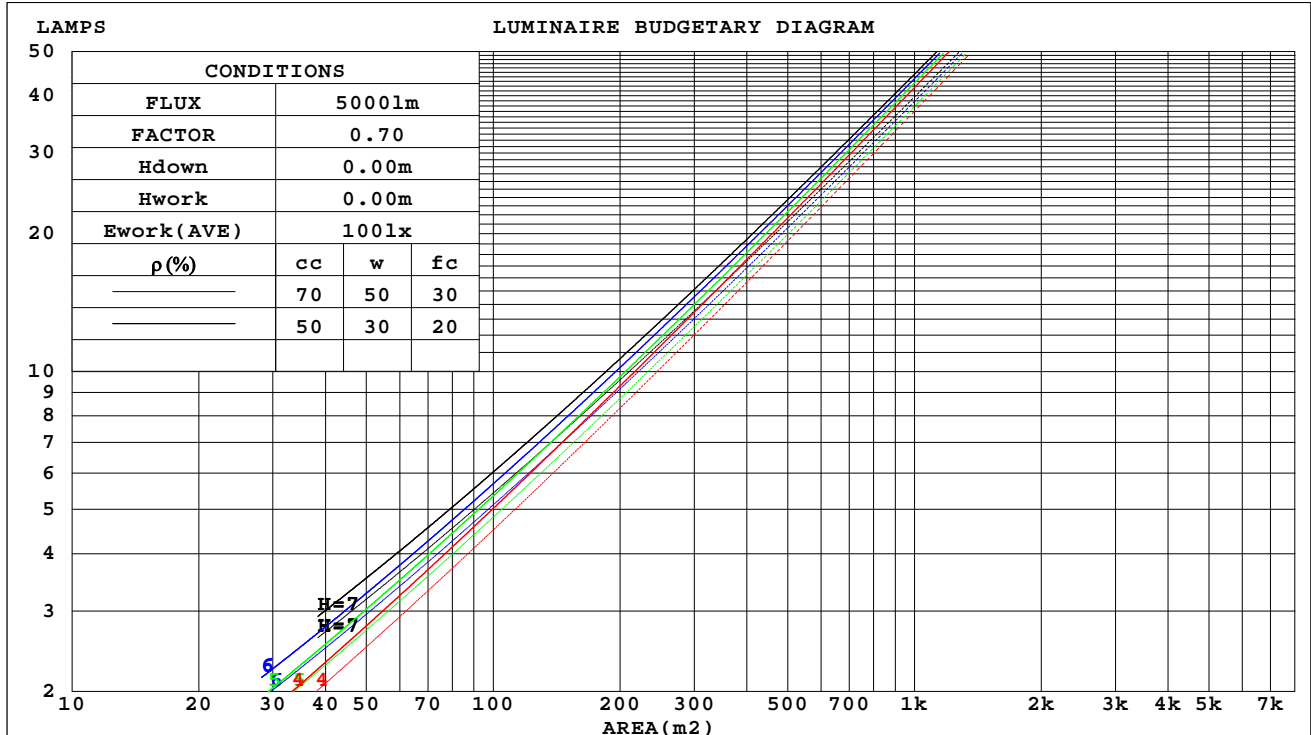
SERIAL No.: 2312211466

MFR.: RISE

SUR.: 0.00180864m2

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															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

$\gamma$  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 20/220-240/500 CS 350mA  
30minutes warm-up

### WEC AND CCEC

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	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	.112	.064	.020	.107	.061	.019	.099	.057	.018	.091	.053	.017	.084	.049	.016	
2.0	.106	.058	.018	.103	.057	.017	.096	.053	.017	.089	.050	.016	.083	.047	.015	
3.0	.101	.054	.016	.098	.052	.016	.092	.050	.015	.086	.047	.015	.081	.045	.014	
4.0	.096	.050	.015	.094	.049	.014	.088	.047	.014	.084	.045	.014	.079	.043	.013	
5.0	.092	.047	.014	.090	.046	.013	.085	.044	.013	.081	.043	.013	.077	.041	.012	
6.0	.088	.044	.013	.086	.043	.012	.082	.042	.012	.078	.041	.012	.075	.039	.012	
7.0	.084	.042	.012	.082	.041	.012	.079	.040	.011	.076	.039	.011	.073	.038	.011	
8.0	.081	.039	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	.070	.036	.011	
9.0	.078	.038	.010	.076	.037	.010	.073	.036	.010	.071	.035	.010	.068	.035	.010	
10.0	.075	.036	.010	.073	.035	.010	.071	.035	.010	.069	.034	.010	.066	.033	.010	

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	.129	.129	.129	.110	.110	.110	.075	.075	.075	.043	.043	.043	.014	.014	.014		
1.0	.115	.107	.099	.099	.092	.085	.068	.063	.059	.039	.036	.034	.012	.012	.011		
2.0	.104	.090	.077	.090	.077	.067	.061	.053	.047	.035	.031	.027	.011	.010	.009		
3.0	.096	.077	.062	.082	.066	.054	.056	.046	.038	.033	.027	.022	.010	.009	.007		
4.0	.088	.067	.050	.076	.058	.044	.052	.040	.031	.030	.024	.018	.010	.008	.006		
5.0	.082	.059	.041	.071	.051	.036	.049	.036	.025	.028	.021	.015	.009	.007	.005		
6.0	.077	.052	.035	.066	.045	.030	.046	.032	.021	.027	.019	.013	.009	.006	.004		
7.0	.073	.047	.029	.063	.041	.026	.043	.029	.018	.025	.017	.011	.008	.006	.004		
8.0	.069	.043	.025	.059	.037	.022	.041	.026	.016	.024	.015	.009	.008	.005	.003		
9.0	.065	.039	.022	.056	.034	.019	.039	.024	.014	.023	.014	.008	.007	.005	.003		
10.0	.062	.036	.019	.054	.032	.017	.037	.022	.012	.022	.013	.007	.007	.004	.002		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm										
NAME: 2318.111-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312211466		
MFR.: RISE					SUR.: 0.00180864m2			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	18.3	19.2	18.5	19.3	19.5	18.6	19.5	18.8	19.7	19.8
3H	18.1	18.9	18.4	19.1	19.3	18.5	19.3	18.7	19.5	19.7
4H	18.0	18.8	18.3	19.0	19.2	18.4	19.1	18.7	19.4	19.6
6H	17.9	18.6	18.2	18.9	19.1	18.3	19.0	18.6	19.2	19.5
8H	17.9	18.6	18.2	18.8	19.1	18.2	18.9	18.6	19.2	19.4
12H	17.9	18.5	18.2	18.8	19.0	18.2	18.9	18.5	19.1	19.4
4H 2H	18.0	18.8	18.3	19.0	19.2	18.4	19.1	18.7	19.4	19.6
3H	17.9	18.5	18.2	18.8	19.0	18.2	18.9	18.5	19.1	19.4
4H	17.8	18.3	18.1	18.6	18.9	18.1	18.7	18.5	19.0	19.3
6H	17.7	18.2	18.0	18.5	18.9	18.0	18.5	18.4	18.9	19.2
8H	17.6	18.1	18.0	18.4	18.8	18.0	18.4	18.3	18.8	19.2
12H	17.6	18.0	18.0	18.4	18.8	17.9	18.3	18.3	18.7	19.1
8H 4H	17.6	18.1	18.0	18.4	18.8	18.0	18.4	18.3	18.8	19.2
6H	17.5	17.9	17.9	18.3	18.7	17.9	18.2	18.3	18.6	19.1
8H	17.4	17.8	17.9	18.2	18.7	17.8	18.1	18.2	18.6	19.0
12H	17.4	17.7	17.9	18.1	18.6	17.7	18.0	18.2	18.5	18.9
12H 4H	17.6	18.0	18.0	18.4	18.8	17.9	18.3	18.3	18.7	19.1
6H	17.4	17.8	17.9	18.2	18.7	17.8	18.1	18.2	18.6	19.0
8H	17.4	17.7	17.9	18.1	18.6	17.7	18.0	18.2	18.5	18.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.2 / -25.6					+ 4.4 / -26.1				
1.5H	+ 6.8 / -19.4					+ 7.1 / -20.2				
2.0H	+ 7.3 / -16.8					+ 7.7 / -17.7				

CIE Pub.117, 1434 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.3)  
Area: 0.00180864 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

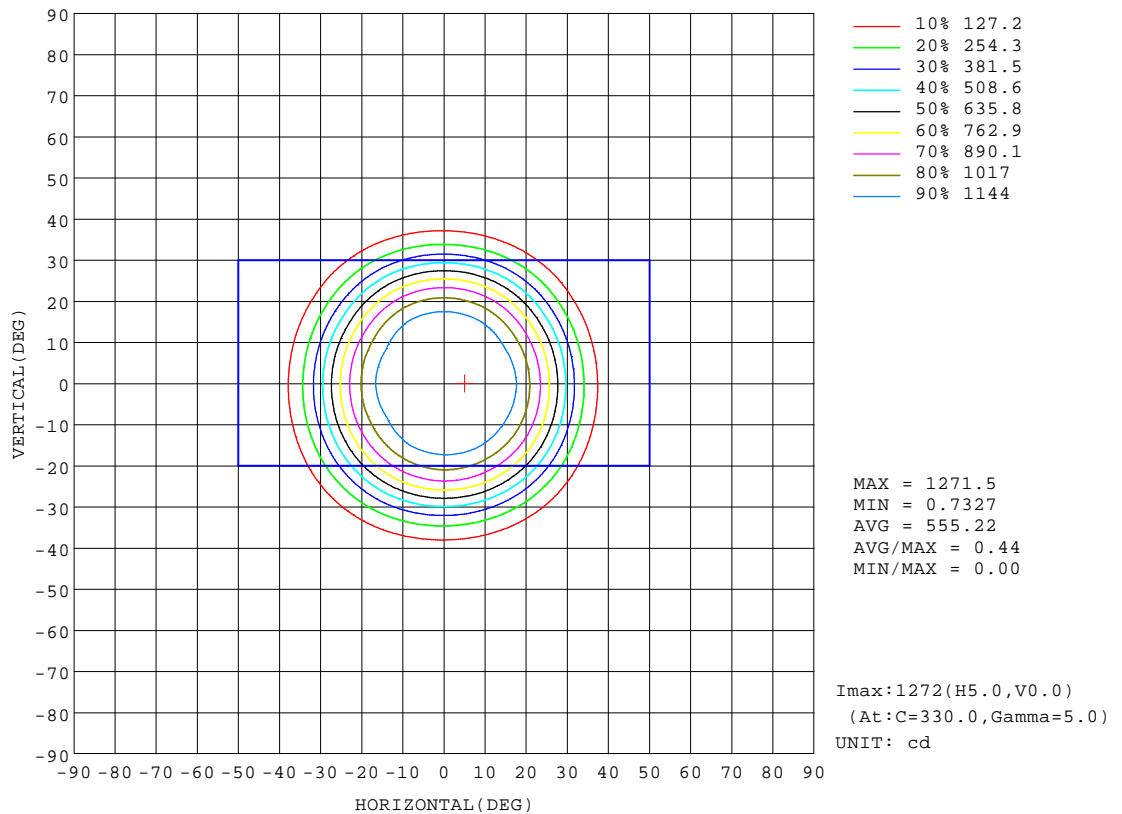
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	57	55	61	57	55	60	57	55	52
0.80	66	62	60	65	62	60	65	62	60	57
1.00	69	65	63	68	65	63	67	65	62	60
1.25	71	68	66	70	67	65	69	67	65	62
1.50	73	70	68	72	69	67	70	68	67	64
2.00	74	72	70	73	71	69	72	70	68	65
2.50	75	73	71	74	72	70	72	70	69	65
3.00	76	74	72	75	73	72	73	71	70	66
4.00	77	76	74	76	75	73	74	73	72	67
5.00	78	77	76	77	76	75	74	73	73	68
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:2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

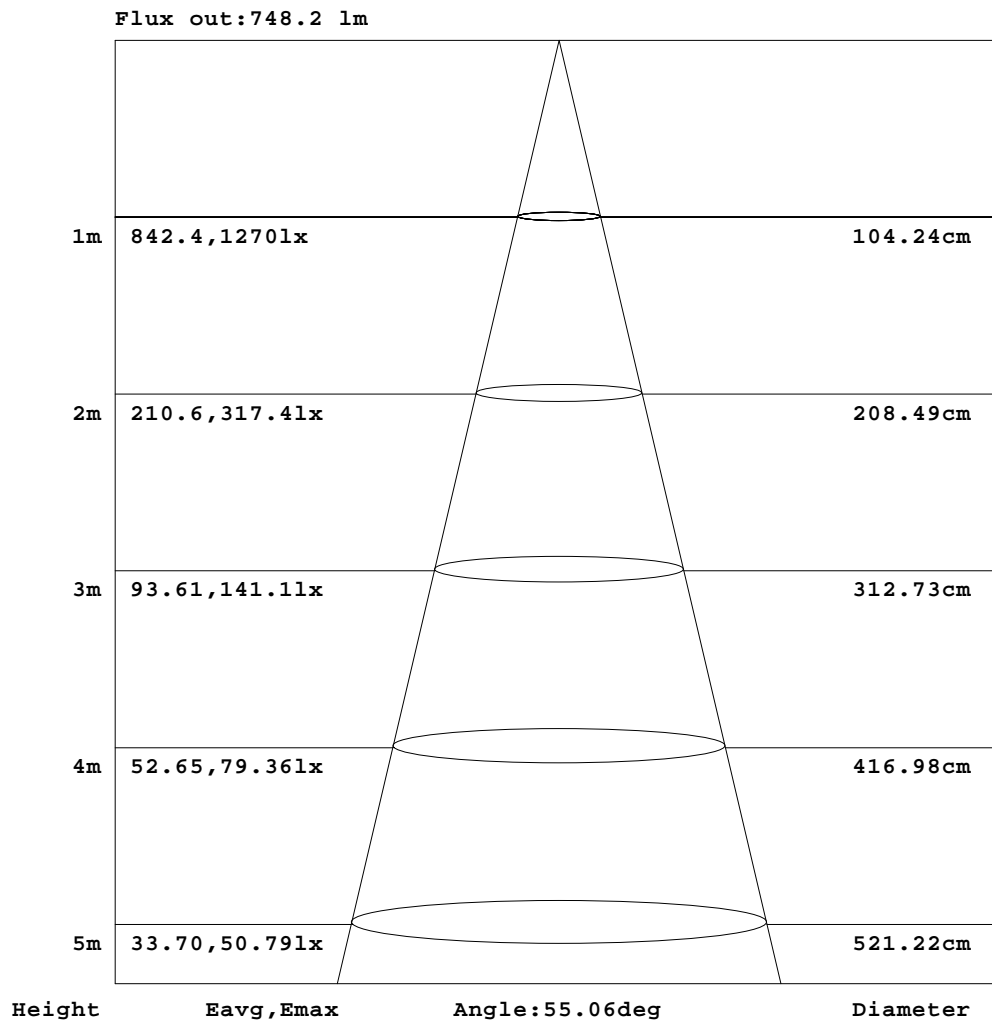


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## AAI Figure

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



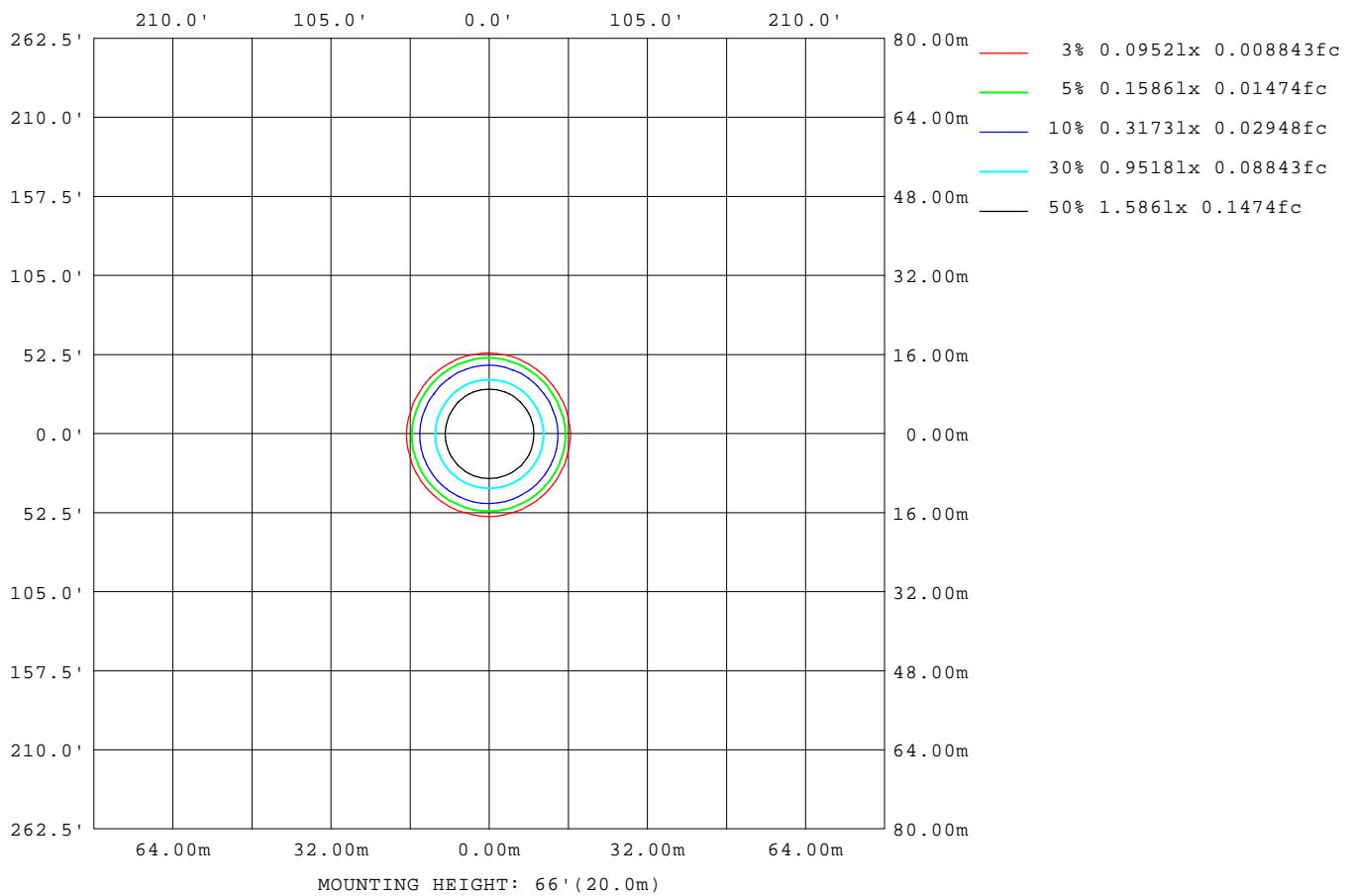
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## LED Avg.L Report

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

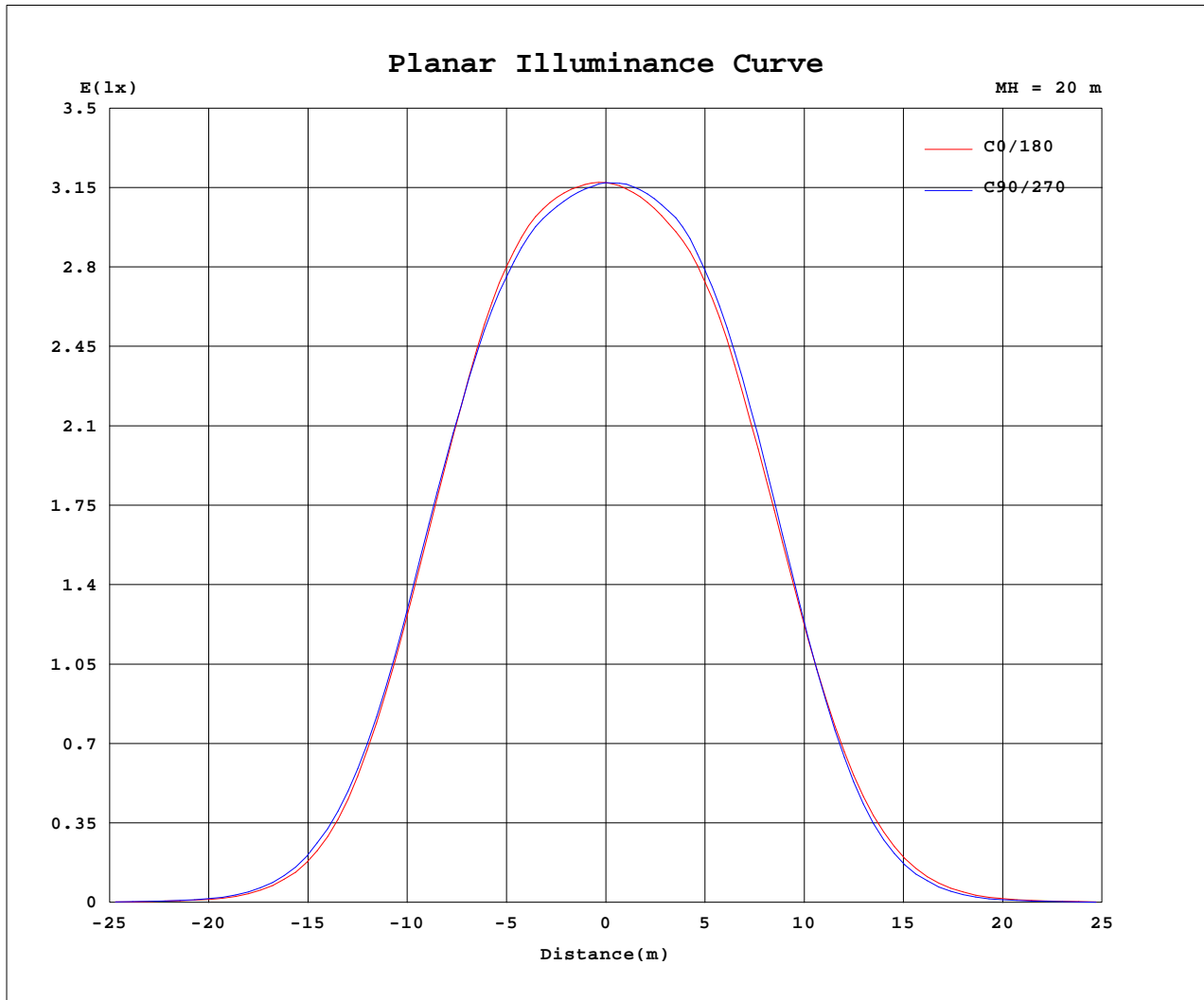
AvgL	cd/m2
L_0~180(65)av	272
L_0~180(75)av	99
L_0~180(85)av	146
L_90~270(65)av	221
L_90~270(75)av	89
L_90~270(85)av	137
L_45(65)av	223
L_45(75)av	84
L_45(85)av	97

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-21

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 20/220-240/500 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: 2023-12-21

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 20/220-240/500 CS 350mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312211466
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269						
5	1271	1268	1263	1259	1256	1255	1258	1262	1266	1270	1272	1272						
10	1265	1257	1251	1247	1240	1232	1238	1241	1255	1263	1268	1263						
15	1211	1200	1202	1194	1189	1167	1181	1173	1201	1204	1208	1196						
20	1055	1059	1056	1056	1043	1022	1024	1021	1050	1053	1051	1041						
25	803	818	817	818	809	791	776	766	789	790	793	786						
30	488	499	503	504	505	492	479	460	472	468	470	466						
35	213	227	231	238	242	236	226	207	211	202	202	195						
40	66.6	68.8	77.6	79.4	84.5	81.1	76.7	67.7	65.5	61.3	57.9	58.0						
45	16.6	18.0	18.4	20.2	20.1	21.5	20.1	17.1	15.7	14.9	14.2	14.1						
50	5.67	6.21	6.74	6.85	6.89	6.70	6.35	5.69	5.26	5.02	4.79	4.68						
55	1.36	1.46	1.53	1.64	1.66	1.58	1.32	1.19	1.11	1.00	1.03	1.13						
60	0.24	0.25	0.25	0.27	0.27	0.27	0.23	0.15	0.12	0.11	0.12	0.15						
65	0.21	0.21	0.21	0.22	0.22	0.22	0.21	0.14	0.12	0.12	0.12	0.14						
70	0.13	0.13	0.14	0.14	0.14	0.14	0.13	0.09	0.10	0.10	0.10	0.10						
75	0.05	0.04	0.04	0.05	0.05	0.04	0.04	0.04	0.03	0.04	0.03	0.04						
80	0.03	0.02	0.03	0.03	0.03	0.02	0.03	0.02	0.02	0.03	0.02	0.02						
85	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.02						
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:2023-12-21

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