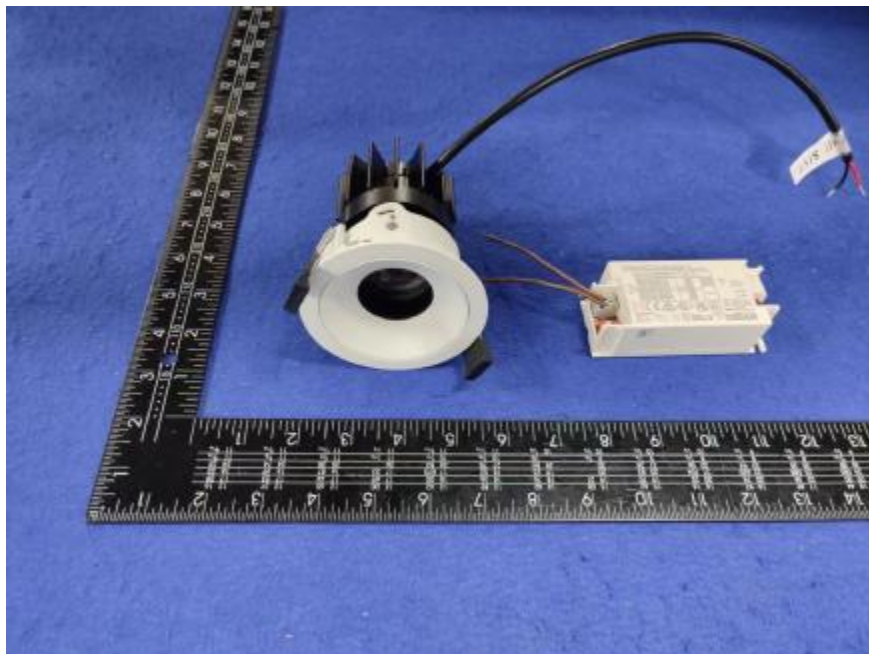


## Luminaire Photograph



Light Output Ratio:	62.0%	
Luminaire Power:	13.53 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.30	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-1082 15R  
DRIVER: IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

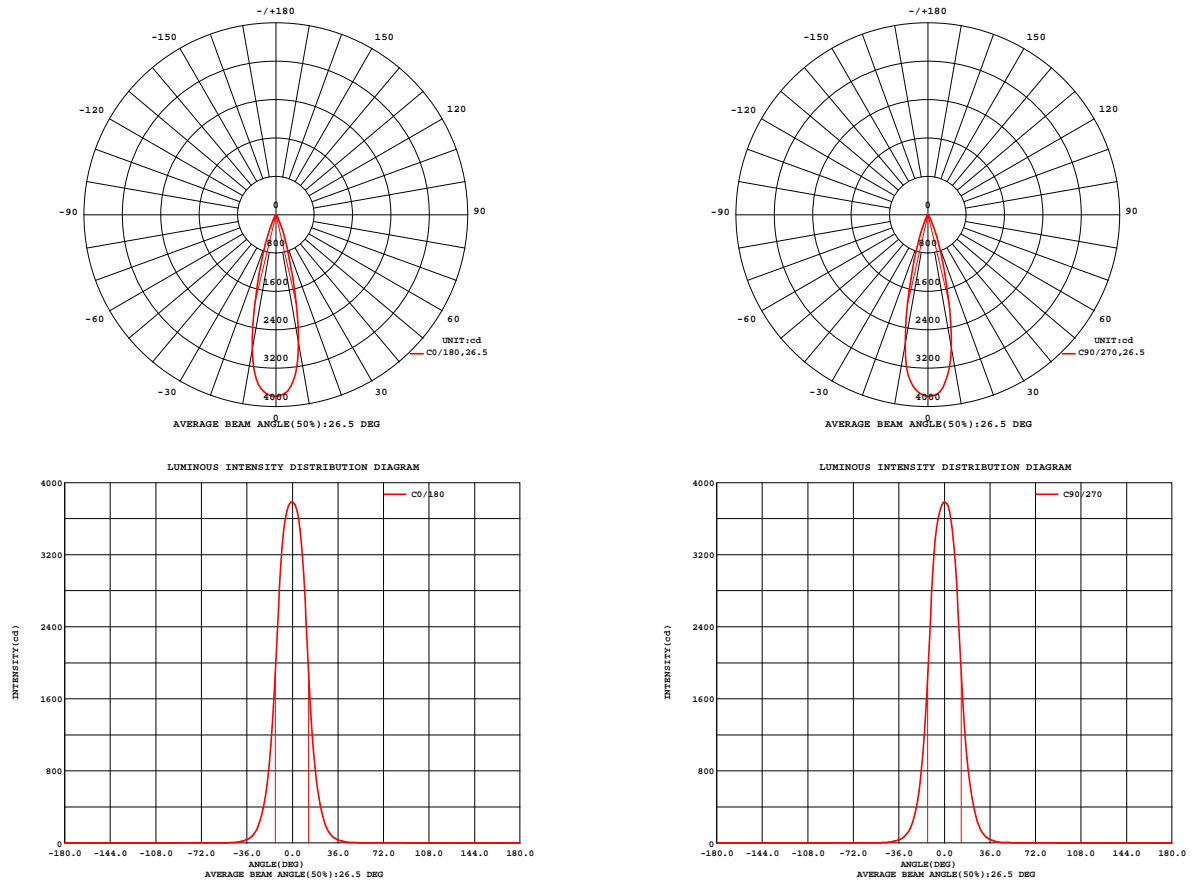


Fig. C0/C180

Fig. C90/C270

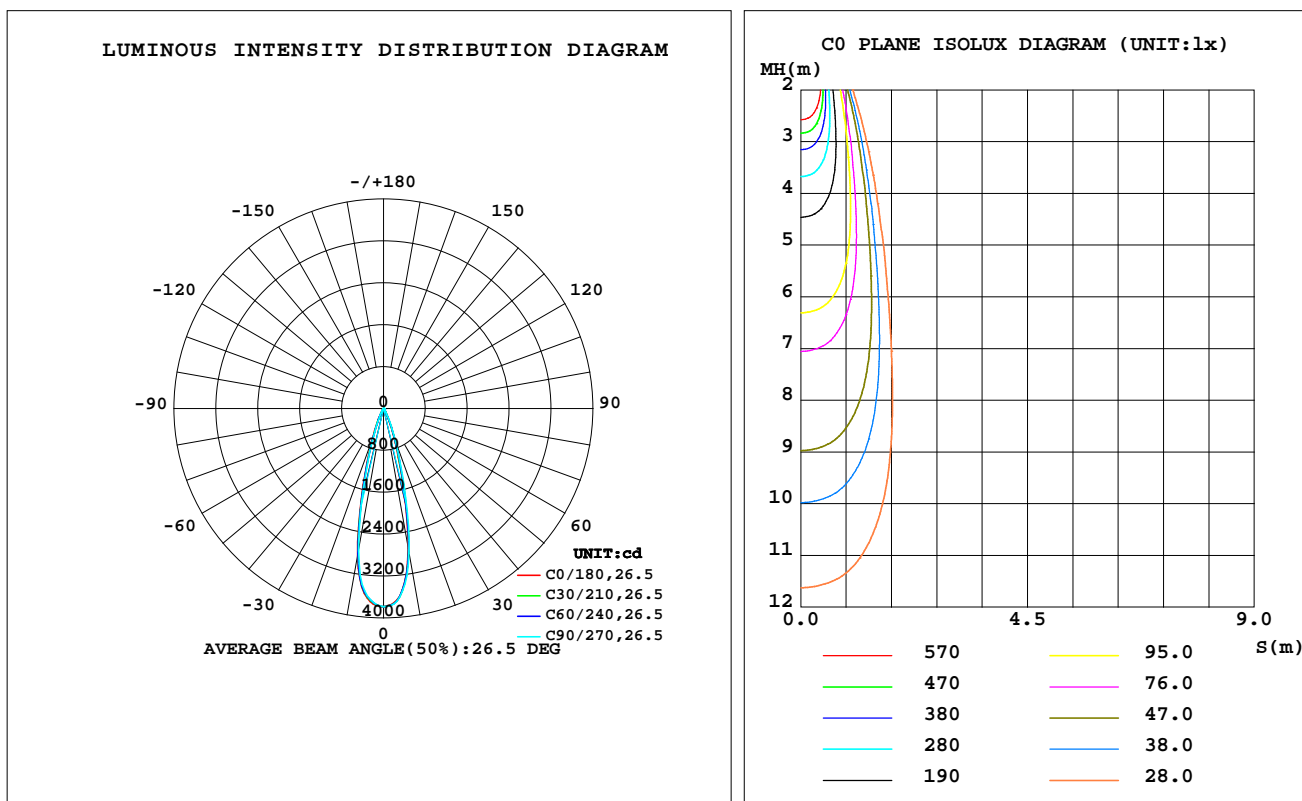
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-21

$\gamma$  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-1082 15R  
DRIVER: IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.66 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	3783	S/MH(C0/180)	0.44
NOMINAL POWER(W)	14	LOR(%)	62.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	888.57	η UP,DN(C0-180)	0.0,31.7
NOMINAL FLUX(lm)	1434.29	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,30.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	62.0	CIBSE SHR MAX	0.30



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-1082 15R  
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	2722	2762	2813	2874	2855	2819	2753	2692	0- 10	318.9	318.9	35.9,22.2
20	596.8	643.2	688.2	687.1	644.0	595.1	569.2	557.1	10- 20	403.7	722.6	81.3,50.4
30	99.07	102.9	116.3	116.3	105.4	93.35	93.24	91.53	20- 30	127.9	850.6	95.7,59.3
40	18.09	17.67	20.56	21.07	19.39	18.37	18.12	17.41	30- 40	29.86	880.4	99.1,61.4
50	4.075	3.315	4.310	4.283	3.519	3.470	3.524	3.628	40- 50	6.253	886.7	99.8,61.8
60	0.2174	0.2083	0.2091	0.2238	0.2210	0.1617	0.1466	0.1589	50- 60	1.635	888.3	100,61.9
70	0.1393	0.1283	0.1326	0.1368	0.1390	0.1175	0.1247	0.1207	60- 70	0.1659	888.5	100,61.9
80	0.0453	0.0284	0.0344	0.0301	0.0418	0.0316	0.0410	0.0296	70- 80	0.0681	888.5	100,62
90	0	0	0	0	0	0	0	0	80- 90	0.0247	888.6	100,62
100	0	0	0	0	0	0	0	0	90-100	0	888.6	100,62
110	0	0	0	0	0	0	0	0	100-110	0	888.6	100,62
120	0	0	0	0	0	0	0	0	110-120	0	888.6	100,62
130	0	0	0	0	0	0	0	0	120-130	0	888.6	100,62
140	0	0	0	0	0	0	0	0	130-140	0	888.6	100,62
150	0	0	0	0	0	0	0	0	140-150	0	888.6	100,62
160	0	0	0	0	0	0	0	0	150-160	0	888.6	100,62
170	0	0	0	0	0	0	0	0	160-170	0	888.6	100,62
180	0	0	0	0	0	0	0	0	170-180	0	888.6	100,62
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3 °C  
 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-1082 15R  
 DRIVER:IT FIT 20/220-240/500 CS 350mA  
 30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz  
Lamp Flux:1434.29x1 lm

NAME: 2318.111-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

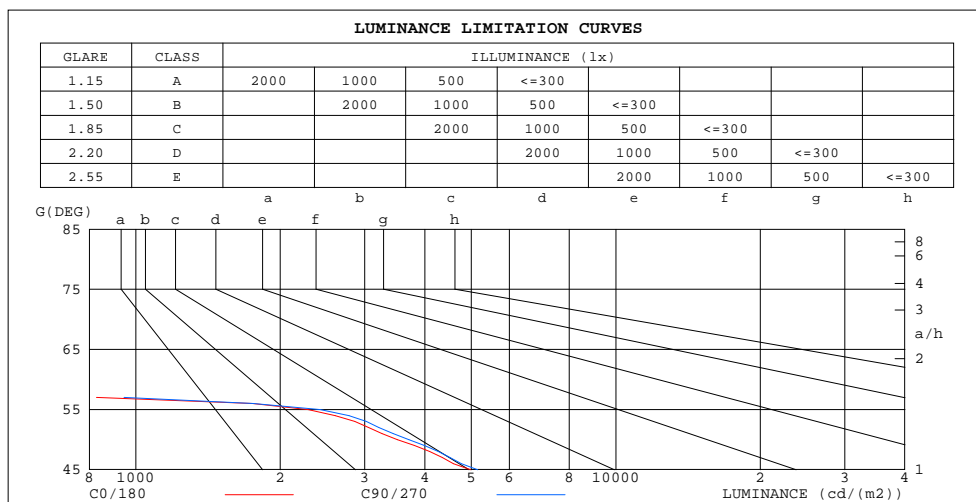
DIM.:

SERIAL No.: 2312201463

MFR.: RISE

SUR.: 0.00180864m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	232	161
80	144	110
75	131	108
70	225	214
65	260	250
60	240	231
55	2285	2421
50	3507	3706
45	4983	5153

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-1082 15R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz  
Lamp Flux:1434.29x1 lm

NAME: 2318.111-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

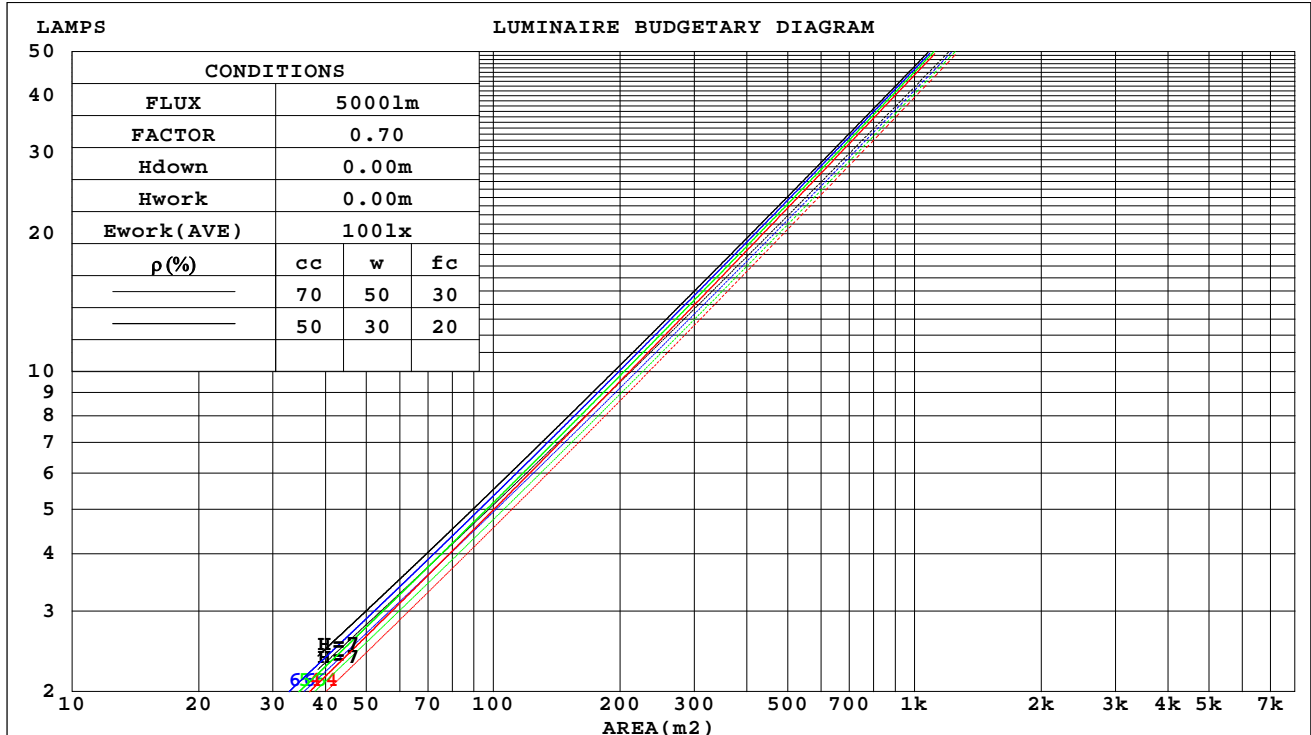
SERIAL No.: 2312201463

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-1082 15R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## WEC AND CCEC

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
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	.084	.048	.015	.080	.045	.014	.072	.041	.013	.065	.037	.012	.058	.034	.011	
2.0	.077	.042	.013	.074	.041	.013	.068	.038	.012	.062	.035	.011	.057	.032	.010	
3.0	.072	.038	.011	.069	.037	.011	.064	.035	.011	.059	.032	.010	.055	.030	.009	
4.0	.068	.035	.010	.065	.034	.010	.061	.032	.010	.057	.030	.009	.053	.029	.009	
5.0	.064	.032	.009	.062	.032	.009	.058	.030	.009	.054	.029	.009	.051	.027	.008	
6.0	.060	.030	.009	.059	.030	.009	.055	.028	.008	.052	.027	.008	.049	.026	.008	
7.0	.057	.028	.008	.056	.028	.008	.053	.027	.008	.050	.026	.008	.048	.025	.007	
8.0	.055	.027	.007	.053	.026	.007	.051	.025	.007	.048	.025	.007	.046	.024	.007	
9.0	.052	.025	.007	.051	.025	.007	.049	.024	.007	.047	.023	.007	.045	.023	.007	
10.0	.050	.024	.007	.049	.024	.007	.047	.023	.006	.045	.022	.006	.043	.022	.006	

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	.118	.118	.118	.101	.101	.101	.069	.069	.069	.040	.040	.040	.013	.013	.013		
1.0	.104	.098	.092	.089	.084	.079	.061	.058	.055	.035	.033	.032	.011	.011	.010		
2.0	.093	.082	.073	.080	.071	.063	.055	.049	.044	.031	.028	.026	.010	.009	.008		
3.0	.084	.070	.059	.072	.061	.052	.049	.042	.036	.028	.025	.021	.009	.008	.007		
4.0	.076	.061	.049	.065	.052	.043	.045	.037	.030	.026	.021	.018	.008	.007	.006		
5.0	.069	.053	.041	.059	.046	.036	.041	.032	.025	.024	.019	.015	.008	.006	.005		
6.0	.064	.047	.035	.055	.041	.030	.038	.028	.021	.022	.017	.013	.007	.005	.004		
7.0	.059	.042	.030	.051	.036	.026	.035	.025	.018	.020	.015	.011	.007	.005	.004		
8.0	.055	.037	.025	.047	.033	.022	.033	.023	.016	.019	.013	.009	.006	.004	.003		
9.0	.051	.034	.022	.044	.029	.019	.031	.021	.014	.018	.012	.008	.006	.004	.003		
10.0	.048	.031	.019	.042	.027	.017	.029	.019	.012	.017	.011	.007	.005	.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-1082 15R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm										
NAME: 2318.111-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312201463		
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	7.6	8.2	7.8	8.3	8.5	8.1	8.8	8.3	8.9	9.1
3H	7.4	8.0	7.6	8.2	8.4	8.0	8.6	8.2	8.8	9.0
4H	7.3	7.9	7.6	8.1	8.3	7.9	8.5	8.2	8.7	8.9
6H	7.2	7.8	7.5	8.0	8.2	7.8	8.4	8.1	8.6	8.8
8H	7.2	7.7	7.5	8.0	8.2	7.8	8.3	8.1	8.6	8.8
12H	7.2	7.7	7.5	7.9	8.2	7.7	8.2	8.1	8.5	8.8
4H 2H	7.3	7.9	7.6	8.1	8.3	7.9	8.5	8.2	8.7	8.9
3H	7.2	7.7	7.5	7.9	8.2	7.8	8.3	8.1	8.5	8.8
4H	7.1	7.5	7.4	7.8	8.1	7.7	8.1	8.0	8.4	8.7
6H	7.0	7.4	7.3	7.7	8.0	7.6	8.0	7.9	8.3	8.6
8H	6.9	7.3	7.3	7.6	8.0	7.5	7.9	7.9	8.2	8.6
12H	6.9	7.2	7.3	7.6	8.0	7.4	7.8	7.8	8.2	8.5
8H 4H	6.9	7.3	7.3	7.6	8.0	7.5	7.9	7.9	8.2	8.6
6H	6.8	7.1	7.2	7.5	7.9	7.4	7.7	7.8	8.1	8.5
8H	6.7	7.0	7.2	7.4	7.9	7.3	7.6	7.8	8.0	8.5
12H	6.7	6.9	7.1	7.4	7.8	7.3	7.5	7.7	7.9	8.4
12H 4H	6.9	7.2	7.3	7.6	8.0	7.4	7.8	7.8	8.2	8.5
6H	6.7	7.0	7.2	7.4	7.9	7.3	7.6	7.8	8.0	8.5
8H	6.7	6.9	7.1	7.4	7.8	7.3	7.5	7.7	7.9	8.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.8 / -15.5					+ 4.1 / -16.2				
1.5H	+ 5.9 / - 8.5					+ 6.4 / -10.4				
2.0H	+ 5.3 / -12.3					+ 5.6 / -12.7				

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-1082 15R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

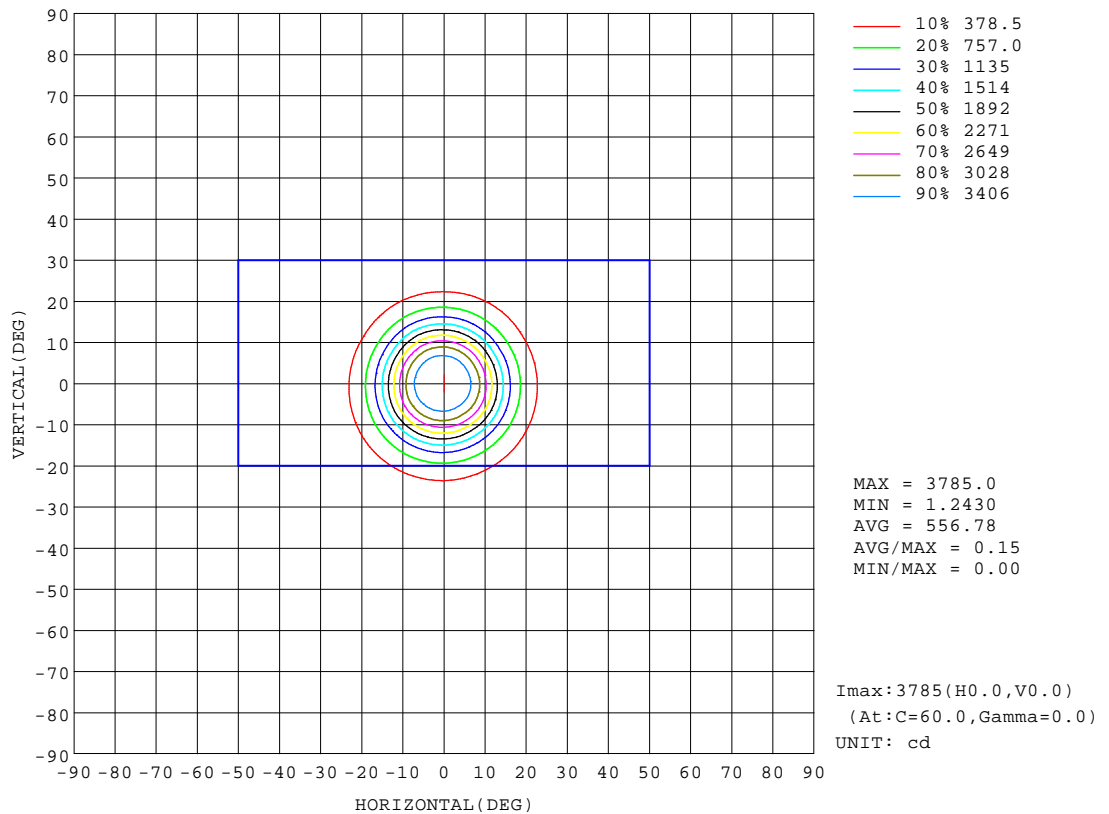
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	53	51	56	53	51	56	53	51	49
0.80	61	57	55	60	57	55	60	57	55	53
1.00	63	60	58	63	60	58	62	59	57	55
1.25	65	62	60	65	62	60	63	61	60	57
1.50	67	64	62	66	64	62	65	63	61	59
2.00	68	66	64	67	65	63	66	64	63	59
2.50	69	67	65	68	66	65	66	65	63	60
3.00	70	68	66	69	67	66	67	65	64	61
4.00	71	69	68	70	68	67	68	66	66	61
5.00	72	70	69	70	69	68	68	67	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: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-1082 15R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

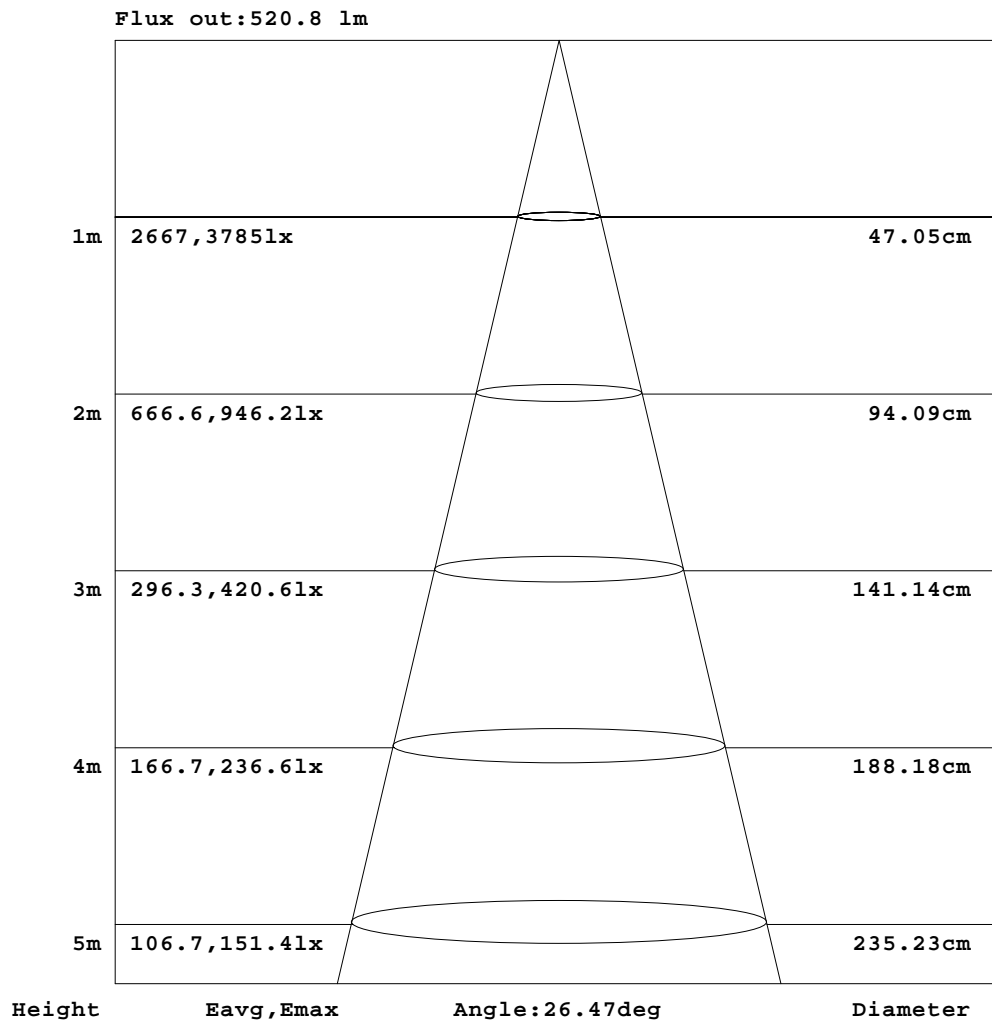


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-21

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-1082 15R  
DRIVER: IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## AAI Figure

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:



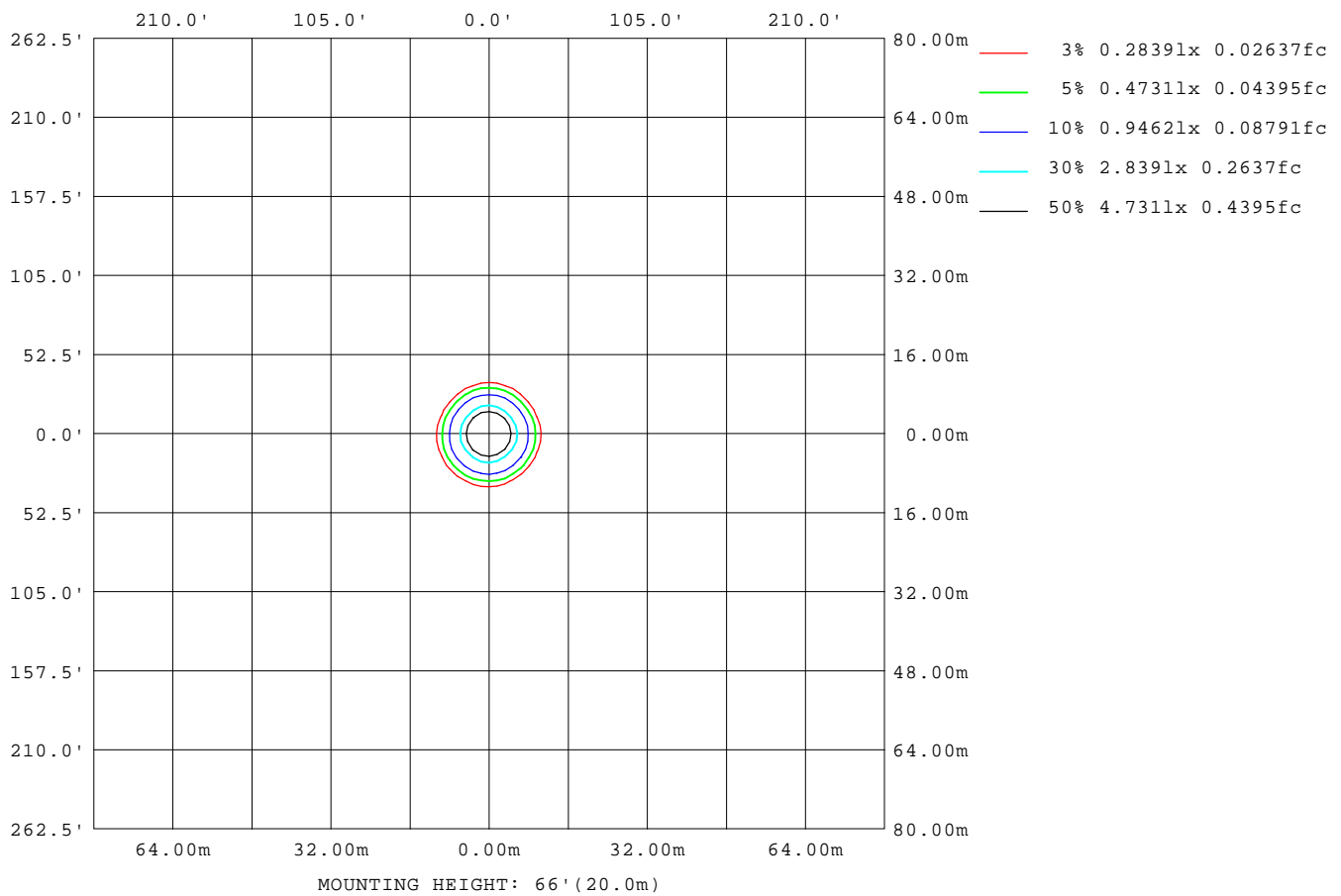
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
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-1082 15R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
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-1082 15R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## LED Avg.L Report

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
MFR.: RISE	SUR.: 0.00180864m2	Shielding Angle:

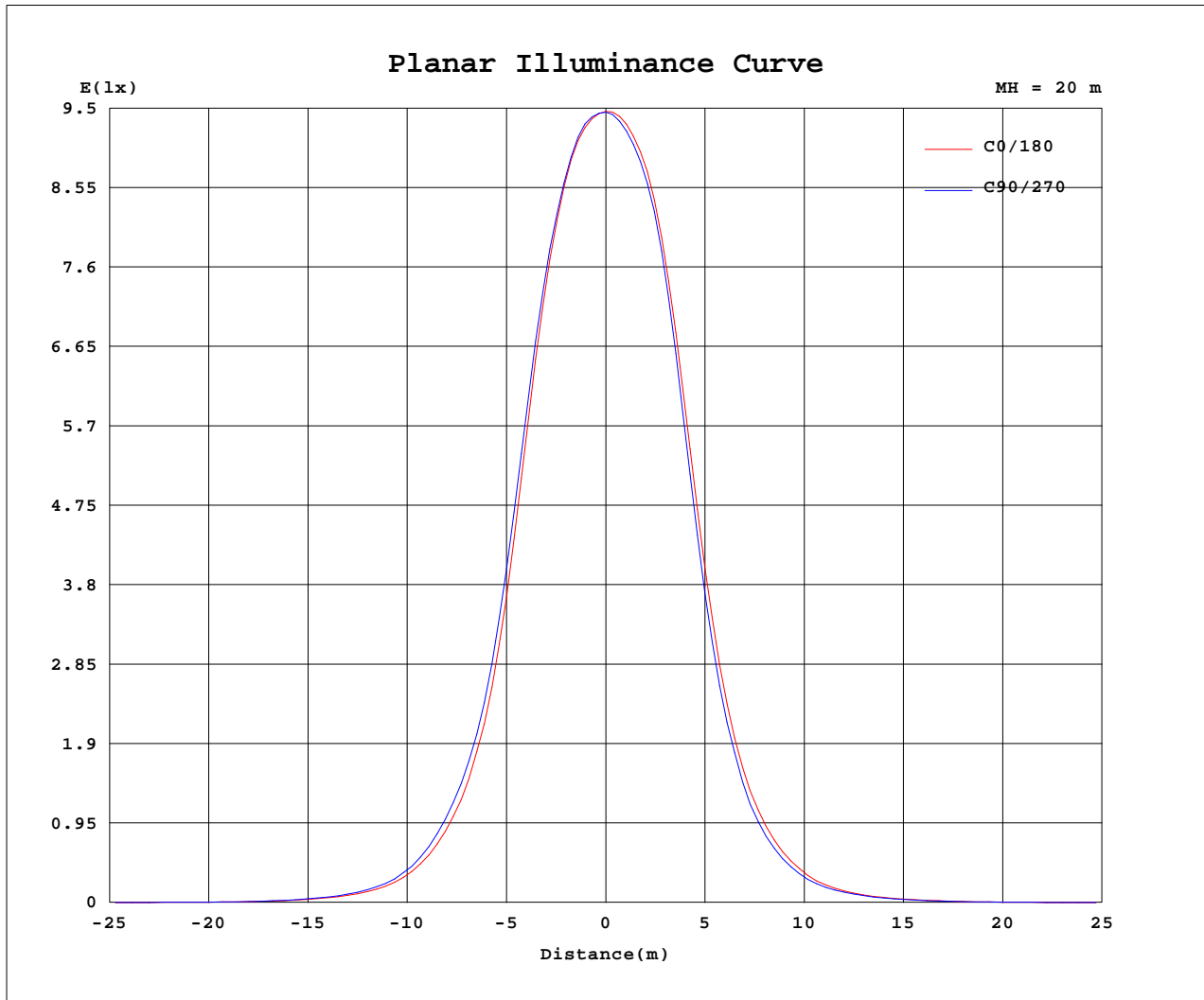
AvgL	cd/m2
L_0~180(65)av	258
L_0~180(75)av	126
L_0~180(85)av	211
L_90~270(65)av	216
L_90~270(75)av	109
L_90~270(85)av	181
L_45(65)av	219
L_45(75)av	101
L_45(85)av	116

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-1082 15R  
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-1082 15R  
 DRIVER: IT FIT 20/220-240/500 CS 350mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.29V I:0.0632A P:13.532W PF:0.9695 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.111-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312201463
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	3783	3783	3783	3783	3783	3783	3783	3783	3783	3783	3783	3783						
5	3593	3599	3593	3609	3627	3651	3632	3612	3603	3588	3582	3582						
10	2722	2760	2765	2813	2858	2890	2855	2823	2815	2753	2706	2677						
15	1371	1428	1444	1511	1546	1566	1511	1450	1448	1386	1350	1314						
20	597	631	655	688	693	681	644	599	591	569	561	553						
25	250	257	269	293	296	288	267	235	233	230	229	226						
30	99.1	101	105	116	118	115	105	93.2	93.5	93.2	92.5	90.5						
35	42.2	42.0	43.7	49.2	50.1	48.8	44.9	40.5	41.4	40.9	40.1	39.4						
40	18.1	17.7	17.7	20.6	21.2	21.0	19.4	17.9	18.8	18.1	17.6	17.2						
45	6.37	5.61	5.44	6.59	7.03	6.76	6.29	6.23	6.63	6.49	6.01	6.08						
50	4.08	3.43	3.20	4.31	4.56	4.00	3.52	3.42	3.52	3.52	3.45	3.80						
55	2.37	1.68	1.43	2.51	2.79	2.26	1.82	1.82	1.89	1.74	1.73	2.16						
60	0.22	0.21	0.20	0.21	0.22	0.23	0.22	0.17	0.15	0.15	0.15	0.17						
65	0.20	0.19	0.19	0.19	0.19	0.20	0.20	0.15	0.13	0.14	0.14	0.16						
70	0.14	0.13	0.13	0.13	0.14	0.14	0.14	0.11	0.12	0.12	0.12	0.12						
75	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.04	0.05						
80	0.05	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.03						
85	0.04	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.03	0.02	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

γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
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