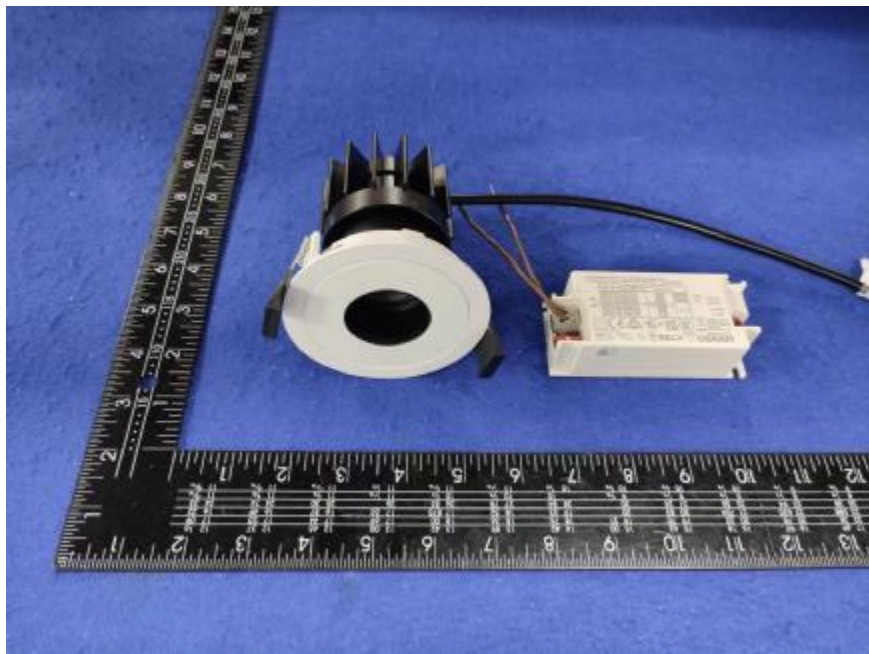


### Luminaire Photograph



Light Output Ratio:	65.8%	
Luminaire Power:	13.52 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.70	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER: IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

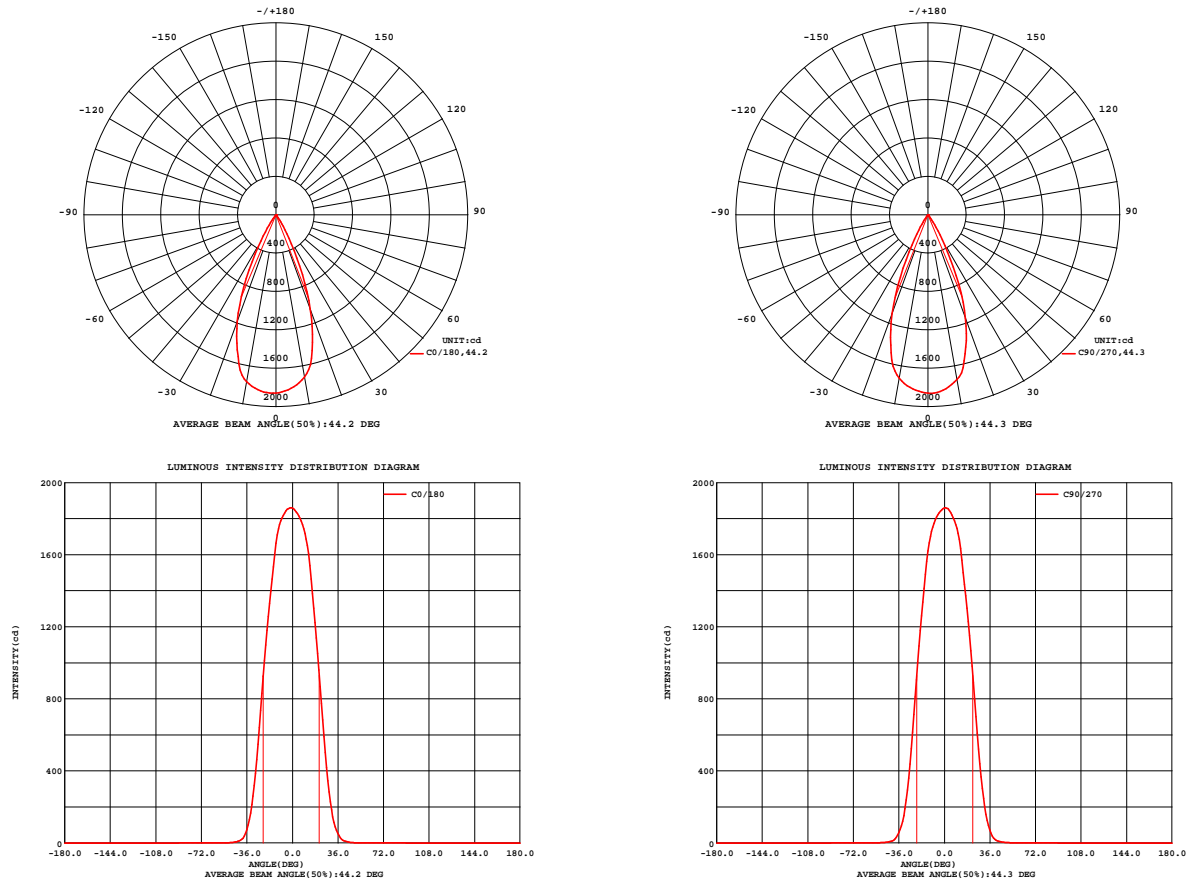


Fig. C0/C180

Fig. C90/C270

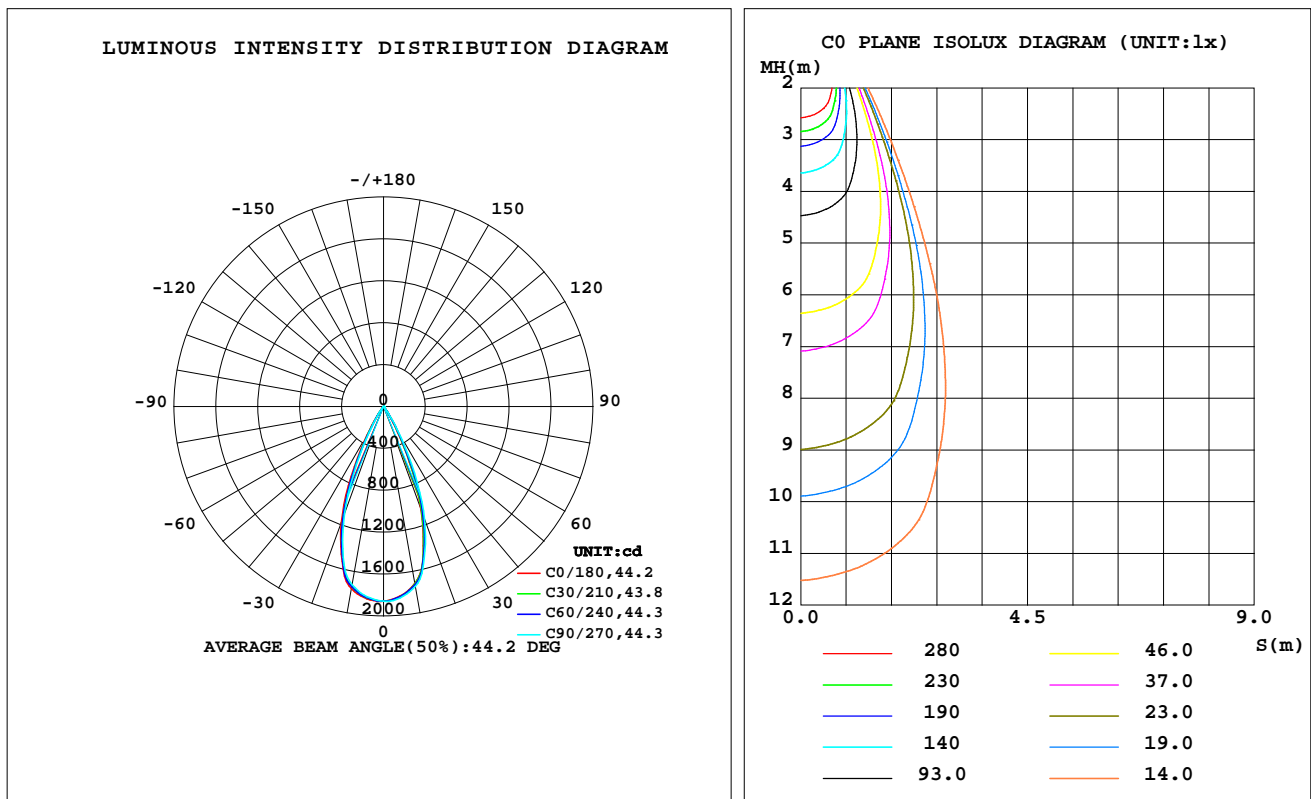
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER: IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.83 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	1863	S/MH(C0/180)	0.69
NOMINAL POWER(W)	14	LOR(%)	65.8	S/MH(C90/270)	0.66
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	944.05	UP,DN(C0-180)	0.0,33.3
NOMINAL FLUX(lm)	1434.29	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,32.5
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	down(%)	65.8	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	1717	1725	1745	1757	1767	1749	1729	1708	0- 10	171.6	171.6	18.2,12
20	1052	1085	1149	1180	1180	1139	1094	1034	10- 20	407.6	579.2	61.4,40.4
30	228.6	259.4	302.7	326.9	319.2	274.0	238.1	219.3	20- 30	296.4	875.6	92.8,61
40	14.52	16.68	21.11	21.27	20.21	15.99	14.64	13.14	30- 40	62.25	937.9	99.3,65.4
50	1.227	1.533	2.121	1.865	1.634	1.935	1.962	1.317	40- 50	4.847	942.7	99.9,65.7
60	0.2641	0.4318	0.7661	0.6263	0.6021	0.7076	0.7061	0.3274	50- 60	0.7733	943.5	99.9,65.8
70	0.1568	0.1904	0.3002	0.2747	0.2740	0.2968	0.2755	0.1617	60- 70	0.3835	943.9	100,65.8
80	0.0739	0.0616	0.0818	0.0756	0.0825	0.0765	0.0743	0.0599	70- 80	0.1515	944.0	100,65.8
90	0	0	0	0	0	0	0	0	80- 90	0.0362	944.0	100,65.8
100	0	0	0	0	0	0	0	0	90-100	0	944.0	100,65.8
110	0	0	0	0	0	0	0	0	100-110	0	944.0	100,65.8
120	0	0	0	0	0	0	0	0	110-120	0	944.0	100,65.8
130	0	0	0	0	0	0	0	0	120-130	0	944.0	100,65.8
140	0	0	0	0	0	0	0	0	130-140	0	944.0	100,65.8
150	0	0	0	0	0	0	0	0	140-150	0	944.0	100,65.8
160	0	0	0	0	0	0	0	0	150-160	0	944.0	100,65.8
170	0	0	0	0	0	0	0	0	160-170	0	944.0	100,65.8
180	0	0	0	0	0	0	0	0	170-180	0	944.0	100,65.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz  
Lamp Flux:1434.29x1 lm

NAME: 2318.115-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

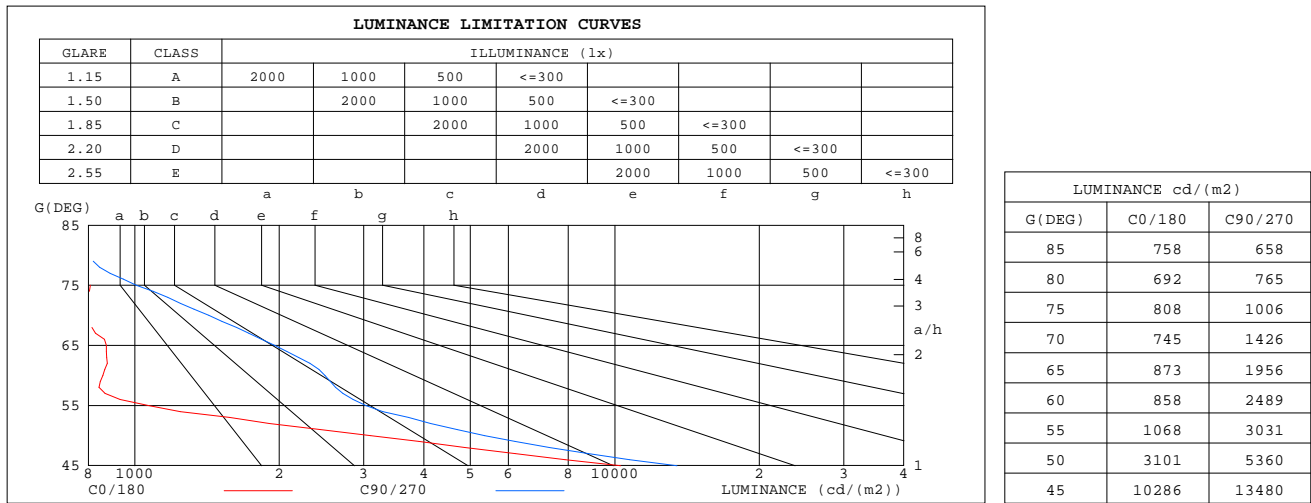
DIM.:

SERIAL No.: 2312221469

MFR.: RISE

SUR.: 0.00061544m2

Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

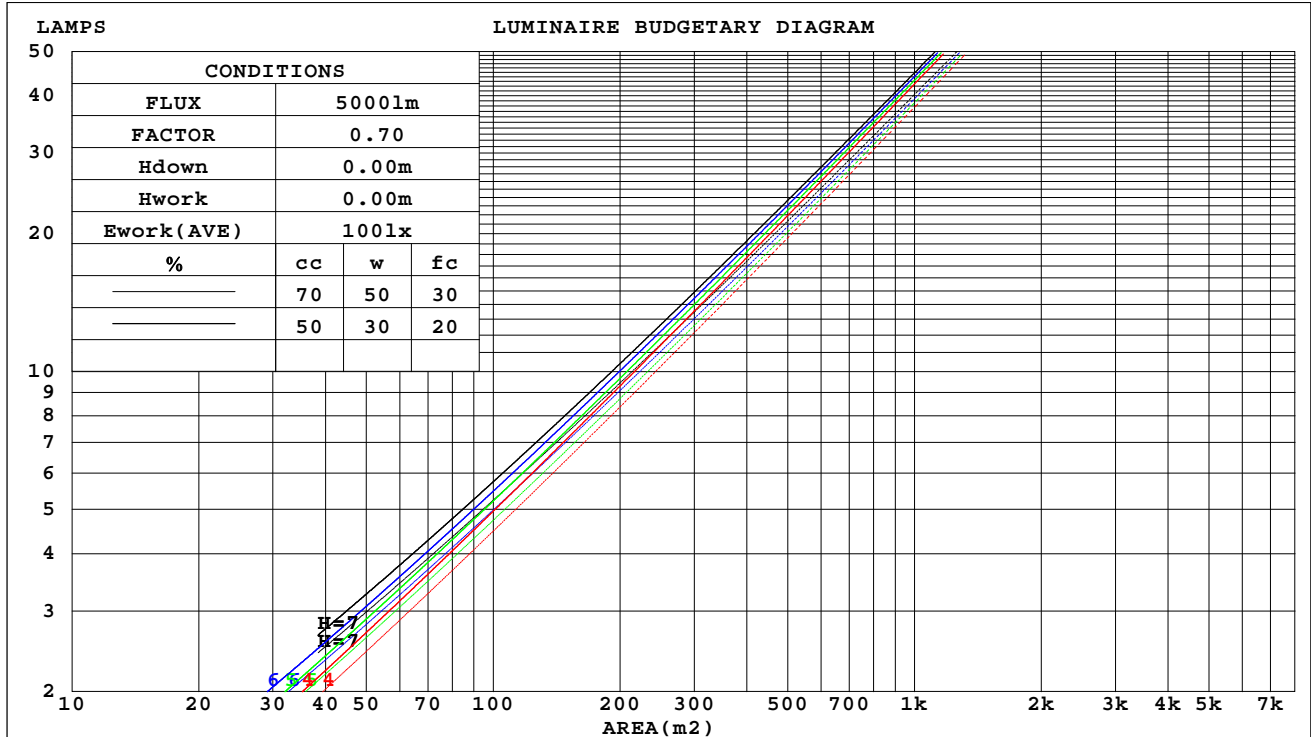
Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
LENS:PM-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz  
Lamp Flux:1434.29x1 lm

NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

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						Coefficients of Utilization(CU)										
0.0	.78	.78	.78	.77	.77	.77	.73	.73	.73	.70	.70	.70	.67	.67	.67	.66	
1.0	.74	.72	.71	.72	.71	.70	.70	.69	.68	.67	.67	.66	.65	.64	.64	.63	
2.0	.70	.67	.66	.69	.67	.65	.67	.65	.63	.65	.63	.62	.63	.62	.61	.60	
3.0	.66	.63	.61	.65	.63	.61	.64	.61	.60	.62	.60	.59	.61	.59	.58	.57	
4.0	.63	.60	.58	.62	.59	.57	.61	.58	.57	.59	.58	.56	.58	.57	.55	.54	
5.0	.60	.57	.54	.59	.56	.54	.58	.56	.54	.57	.55	.53	.56	.54	.53	.52	
6.0	.57	.54	.52	.57	.54	.51	.56	.53	.51	.55	.53	.51	.54	.52	.50	.50	
7.0	.55	.51	.49	.54	.51	.49	.53	.51	.49	.53	.50	.48	.52	.50	.48	.47	
8.0	.52	.49	.47	.52	.49	.47	.51	.49	.47	.51	.48	.46	.50	.48	.46	.45	
9.0	.50	.47	.45	.50	.47	.45	.49	.47	.45	.49	.46	.44	.48	.46	.44	.44	
10.0	.48	.45	.43	.48	.45	.43	.47	.45	.43	.47	.44	.43	.46	.44	.43	.42	



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

### WEC AND CCEC

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

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	.101	.057	.018	.096	.055	.017	.088	.050	.016	.080	.046	.015	.073	.043	.014	
2.0	.094	.052	.016	.091	.050	.015	.084	.047	.015	.078	.044	.014	.072	.041	.013	
3.0	.089	.047	.014	.086	.046	.014	.080	.043	.013	.075	.041	.013	.070	.039	.012	
4.0	.084	.044	.013	.082	.043	.013	.077	.041	.012	.072	.039	.012	.068	.037	.011	
5.0	.080	.041	.012	.078	.040	.012	.074	.038	.011	.070	.037	.011	.066	.035	.011	
6.0	.076	.038	.011	.074	.038	.011	.071	.036	.011	.067	.035	.010	.064	.034	.010	
7.0	.073	.036	.010	.071	.036	.010	.068	.034	.010	.065	.033	.010	.062	.032	.010	
8.0	.070	.034	.010	.069	.034	.010	.066	.033	.009	.063	.032	.009	.061	.031	.009	
9.0	.067	.033	.009	.066	.032	.009	.063	.031	.009	.061	.031	.009	.059	.030	.009	
10.0	.065	.031	.009	.064	.031	.009	.061	.030	.008	.059	.029	.008	.057	.029	.008	

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	.125	.125	.125	.107	.107	.107	.073	.073	.073	.042	.042	.042	.013	.013	.013		
1.0	.112	.104	.097	.095	.089	.083	.065	.061	.058	.038	.035	.033	.012	.011	.011		
2.0	.100	.087	.076	.086	.075	.066	.059	.052	.046	.034	.030	.027	.011	.010	.009		
3.0	.091	.075	.061	.078	.064	.053	.054	.045	.037	.031	.026	.022	.010	.008	.007		
4.0	.084	.065	.050	.072	.056	.044	.049	.039	.031	.029	.023	.018	.009	.007	.006		
5.0	.077	.057	.042	.066	.049	.036	.046	.034	.026	.026	.020	.015	.009	.007	.005		
6.0	.072	.050	.035	.062	.044	.030	.043	.031	.022	.025	.018	.013	.008	.006	.004		
7.0	.067	.045	.030	.058	.039	.026	.040	.027	.018	.023	.016	.011	.008	.005	.004		
8.0	.063	.041	.026	.055	.036	.022	.038	.025	.016	.022	.015	.009	.007	.005	.003		
9.0	.060	.037	.022	.052	.032	.019	.036	.023	.014	.021	.013	.008	.007	.004	.003		
10.0	.057	.034	.019	.049	.030	.017	.034	.021	.012	.020	.012	.007	.006	.004	.002		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
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:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm										
NAME: 2318.115-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312221469		
MFR.: RISE					SUR.: 0.00061544m2			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	15.1	15.9	15.3	16.1	16.2	16.6	17.4	16.8	17.6	17.7
3H	15.0	15.7	15.2	15.9	16.1	16.5	17.2	16.7	17.4	17.6
4H	14.9	15.6	15.2	15.8	16.0	16.4	17.1	16.7	17.3	17.5
6H	14.8	15.4	15.1	15.7	15.9	16.3	16.9	16.6	17.2	17.4
8H	14.8	15.4	15.1	15.6	15.9	16.3	16.9	16.6	17.1	17.4
12H	14.7	15.3	15.0	15.6	15.8	16.2	16.8	16.5	17.1	17.3
4H 2H	14.9	15.6	15.2	15.8	16.0	16.4	17.1	16.7	17.3	17.5
3H	14.7	15.3	15.0	15.6	15.8	16.2	16.8	16.5	17.1	17.3
4H	14.6	15.2	15.0	15.5	15.8	16.1	16.7	16.5	17.0	17.3
6H	14.5	15.0	14.9	15.3	15.7	16.0	16.5	16.4	16.8	17.2
8H	14.5	14.9	14.9	15.3	15.6	16.0	16.4	16.4	16.8	17.1
12H	14.4	14.8	14.8	15.2	15.6	15.9	16.3	16.3	16.7	17.1
8H 4H	14.5	14.9	14.9	15.3	15.6	16.0	16.4	16.4	16.8	17.1
6H	14.4	14.7	14.8	15.1	15.5	15.9	16.2	16.3	16.6	17.0
8H	14.3	14.6	14.8	15.0	15.5	15.8	16.1	16.3	16.5	17.0
12H	14.2	14.5	14.7	15.0	15.4	15.8	16.0	16.2	16.5	16.9
12H 4H	14.4	14.8	14.8	15.2	15.6	15.9	16.3	16.3	16.7	17.1
6H	14.3	14.6	14.8	15.0	15.5	15.8	16.1	16.3	16.5	17.0
8H	14.2	14.5	14.7	15.0	15.4	15.8	16.0	16.2	16.5	16.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.6 / -16.1					+ 5.3 / -14.1				
1.5H	+ 7.3 / -15.3					+ 7.9 / -13.8				
2.0H	+ 7.0 / - 5.2					+ 6.8 / - 4.9				

CIE Pub.117, 1434 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.3)  
Area: 0.00061544 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

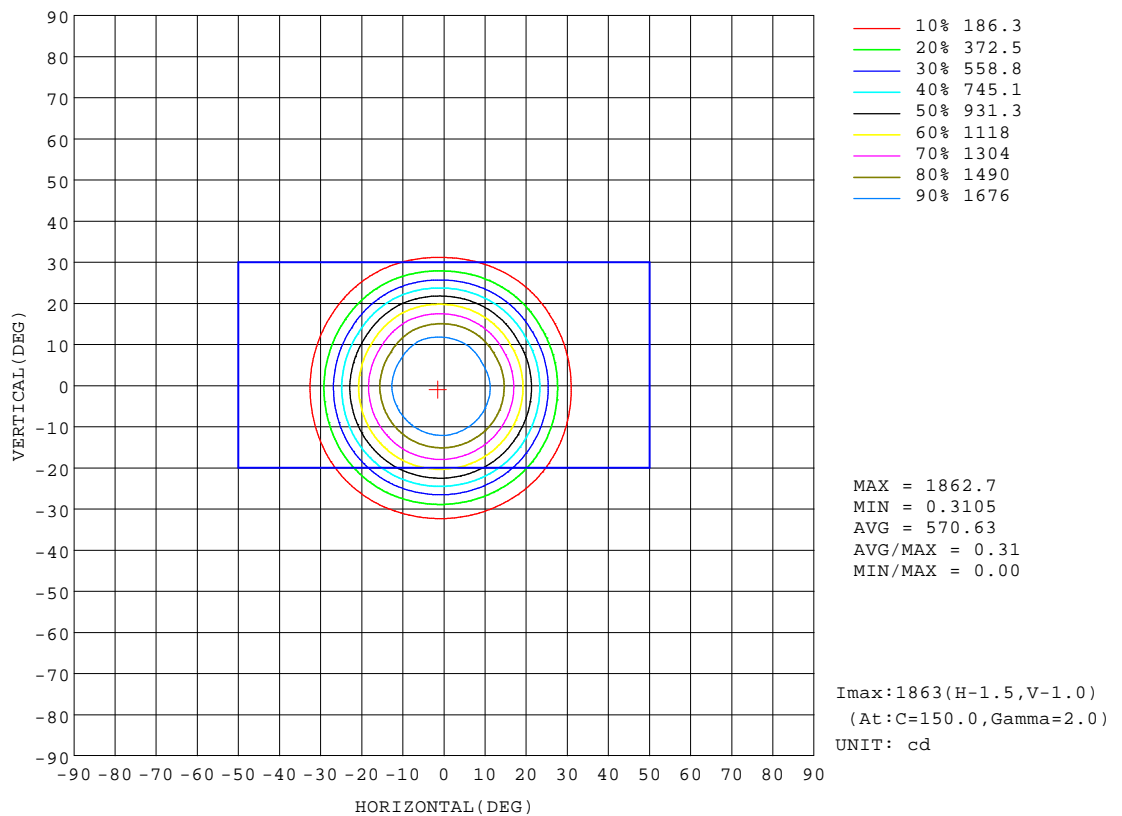
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	56	54	60	56	54	59	56	54	52
0.80	65	61	59	64	61	59	63	61	59	57
1.00	67	64	62	66	63	61	66	63	61	59
1.25	69	66	64	69	66	64	67	65	63	61
1.50	71	68	66	70	68	66	69	67	65	62
2.00	72	70	68	71	69	67	70	68	66	63
2.50	73	71	69	72	70	69	70	69	67	64
3.00	74	72	71	73	71	70	71	70	68	64
4.00	75	74	73	74	73	72	72	71	70	65
5.00	76	75	74	75	74	73	72	71	71	66
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:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

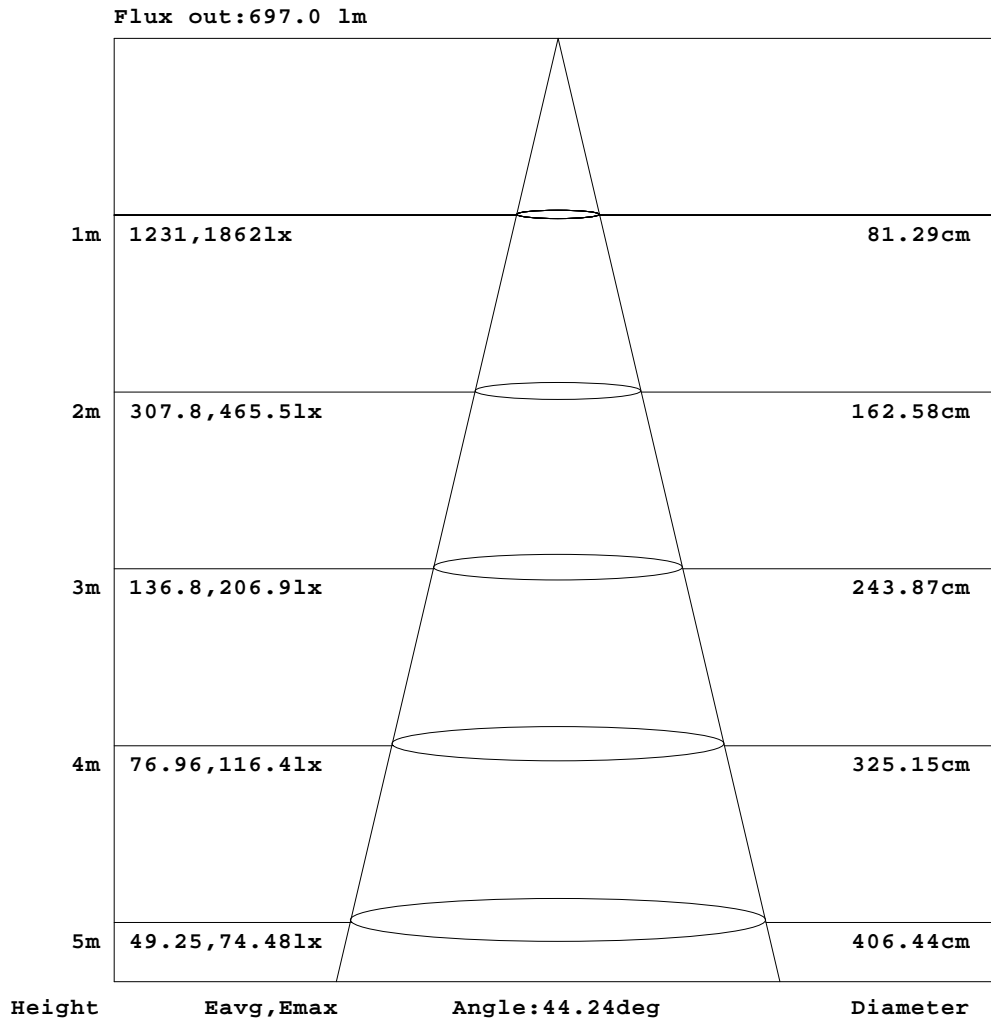


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## AAI Figure

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:



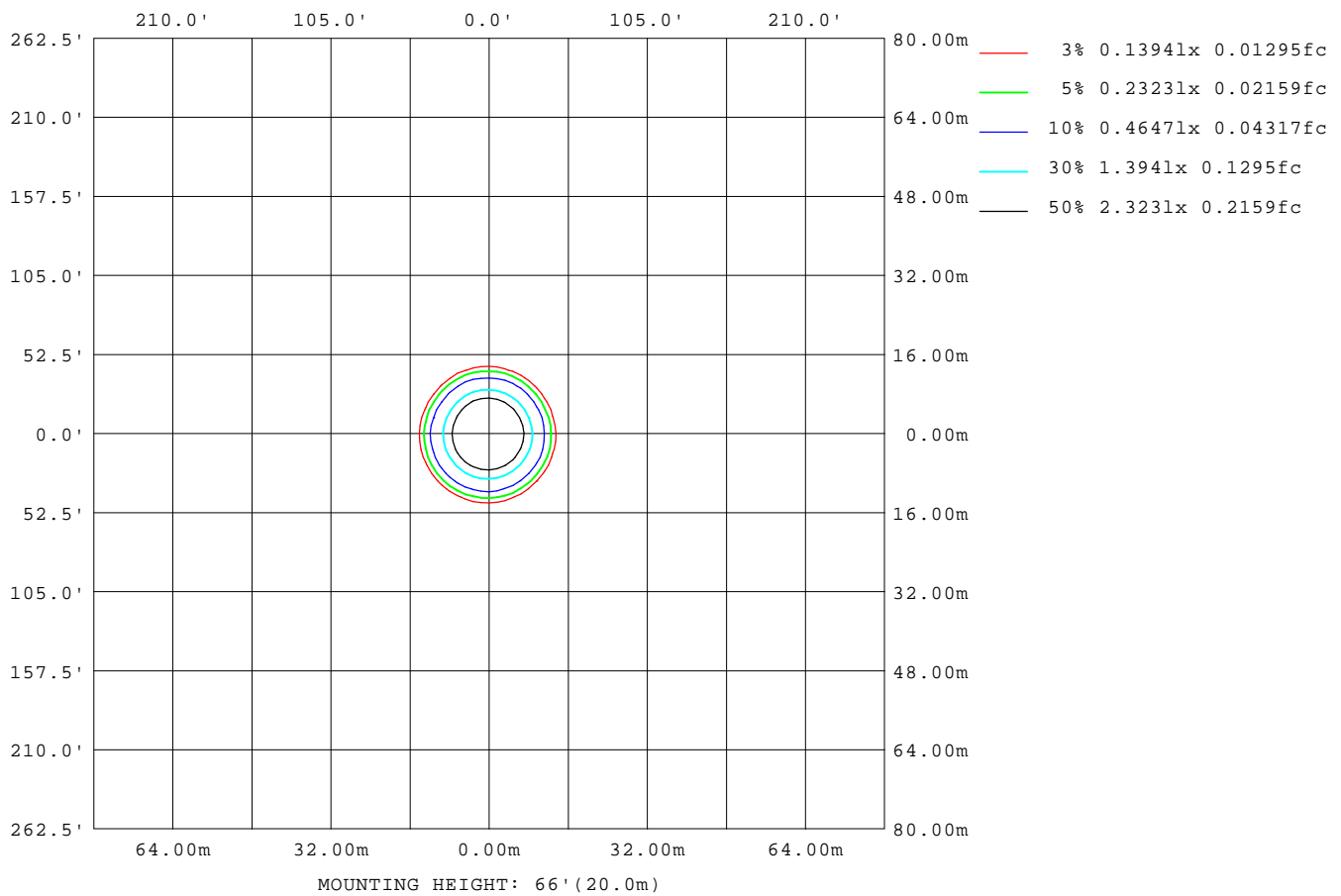
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
DRIVER:IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

### LED Avg.L Report

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

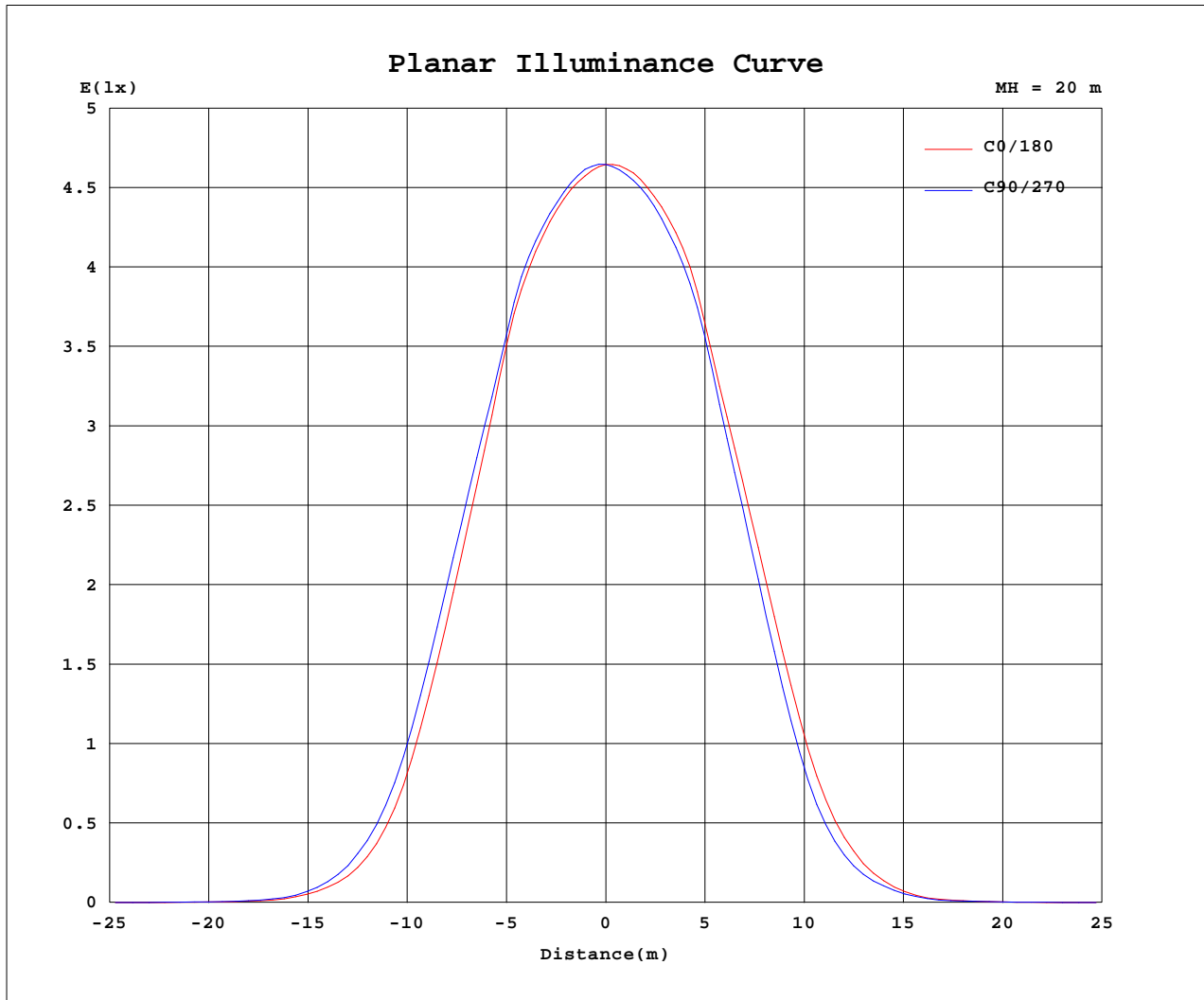
AvgL	cd/m2
L_0~180(65)av	1271
L_0~180(75)av	904
L_0~180(85)av	691
L_90~270(65)av	1882
L_90~270(75)av	958
L_90~270(85)av	668
L_45(65)av	1424
L_45(75)av	830
L_45(85)av	506

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-12-22

Range: 0 - 180DEG  
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-1082B 36R  
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: 2023-12-22

Range: 0 - 180DEG  
 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-1082B 36R  
 DRIVER: IT FIT 20/220-240/500 CS 350mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.30V I:0.0631A P:13.520W PF:0.9699 Freq:49.99Hz Lamp Flux:1434.29x1 lm		
NAME: 2318.115-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312221469
MFR.: RISE	SUR.: 0.00061544m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1859	1859	1859	1859	1859	1859	1859	1859	1859	1859	1859	1859						
5	1817	1822	1822	1834	1836	1845	1843	1834	1832	1822	1817	1812						
10	1717	1722	1727	1745	1752	1762	1767	1748	1749	1729	1715	1701						
15	1464	1474	1481	1501	1514	1526	1531	1504	1516	1491	1470	1442						
20	1052	1065	1105	1149	1175	1184	1180	1138	1140	1094	1052	1016						
25	591	611	653	701	734	741	735	678	669	616	583	555						
30	229	247	272	303	324	330	319	281	267	238	228	211						
35	70.8	75.7	86.2	97.1	104	105	100	87.8	81.4	76.3	69.1	64.8						
40	14.5	15.9	17.4	21.1	20.5	22.0	20.2	16.4	15.6	14.6	13.6	12.7						
45	4.48	4.87	5.44	5.87	5.86	5.53	5.34	5.06	5.31	4.97	4.43	3.75						
50	1.23	1.33	1.73	2.12	1.93	1.80	1.63	1.77	2.10	1.96	1.44	1.20						
55	0.38	0.45	0.78	1.07	0.91	0.83	0.79	0.85	1.06	0.96	0.54	0.36						
60	0.26	0.31	0.55	0.77	0.65	0.61	0.60	0.64	0.78	0.71	0.39	0.26						
65	0.23	0.25	0.38	0.51	0.45	0.43	0.43	0.45	0.52	0.47	0.29	0.22						
70	0.16	0.16	0.22	0.30	0.28	0.27	0.27	0.28	0.31	0.28	0.17	0.15						
75	0.13	0.10	0.12	0.16	0.16	0.16	0.16	0.16	0.17	0.15	0.10	0.11						
80	0.07	0.06	0.06	0.08	0.08	0.07	0.08	0.08	0.08	0.07	0.06	0.06						
85	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03						
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  
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Operators:zoe  
Test Date:2023-12-22

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