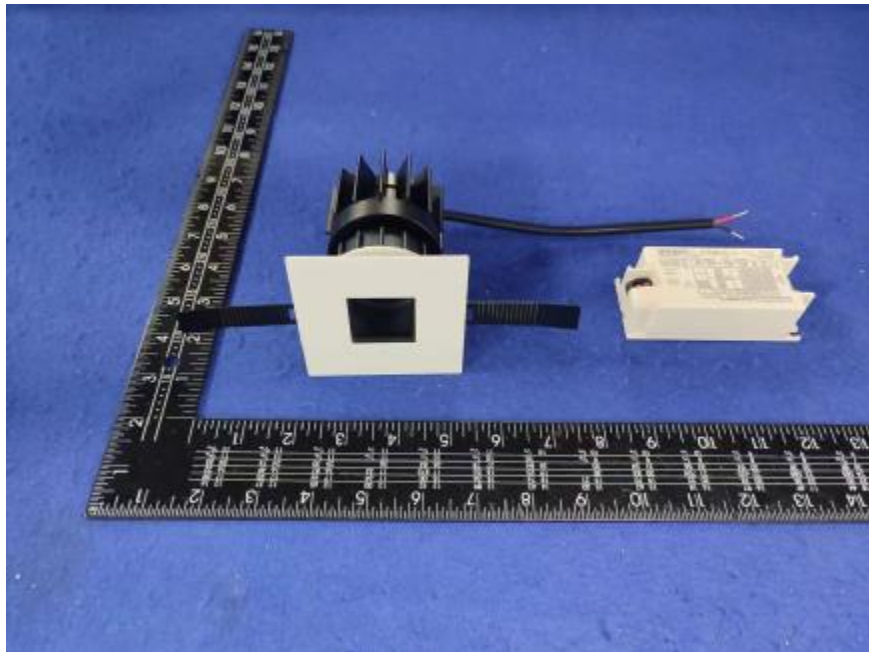


Luminaire Photograph



Light Output Ratio:	47.0%	
Luminaire Power:	13.68 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: 2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

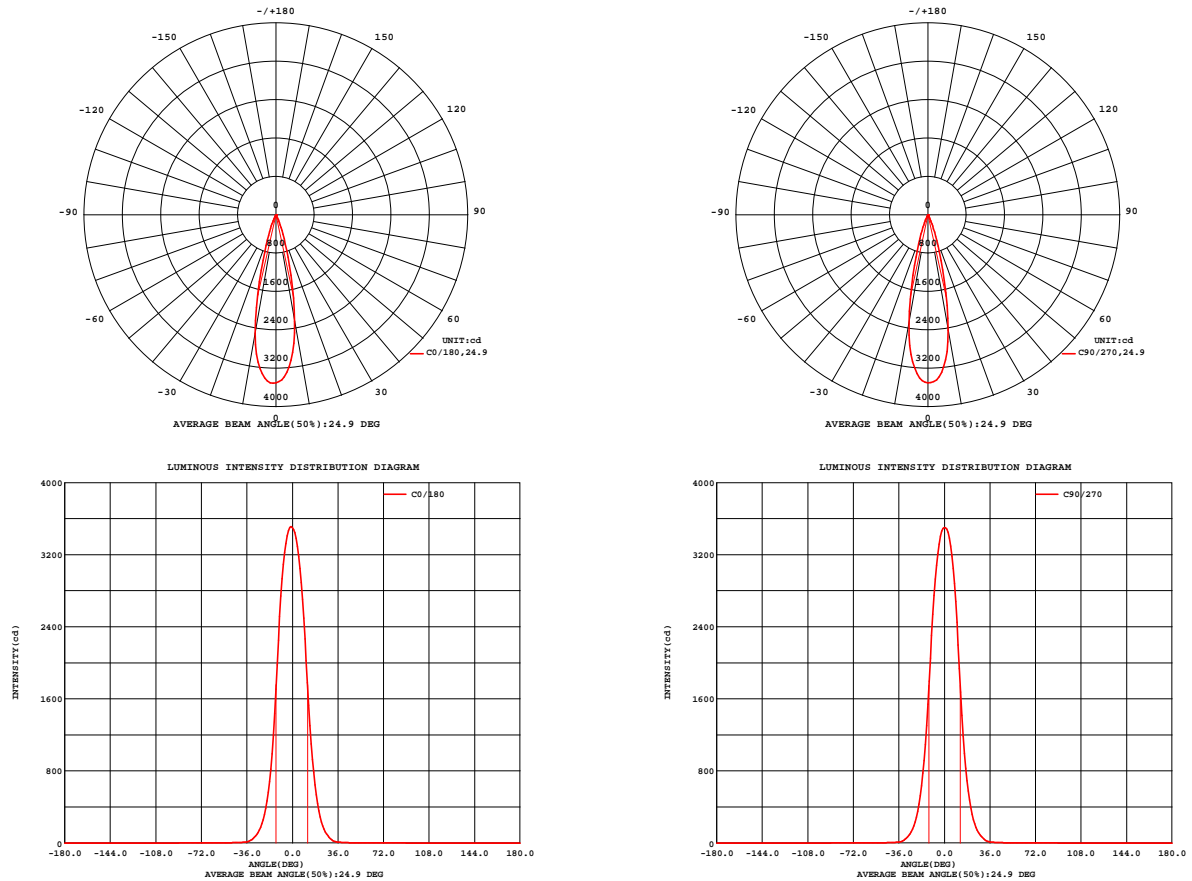


Fig. C0/C180

Fig. C90/C270

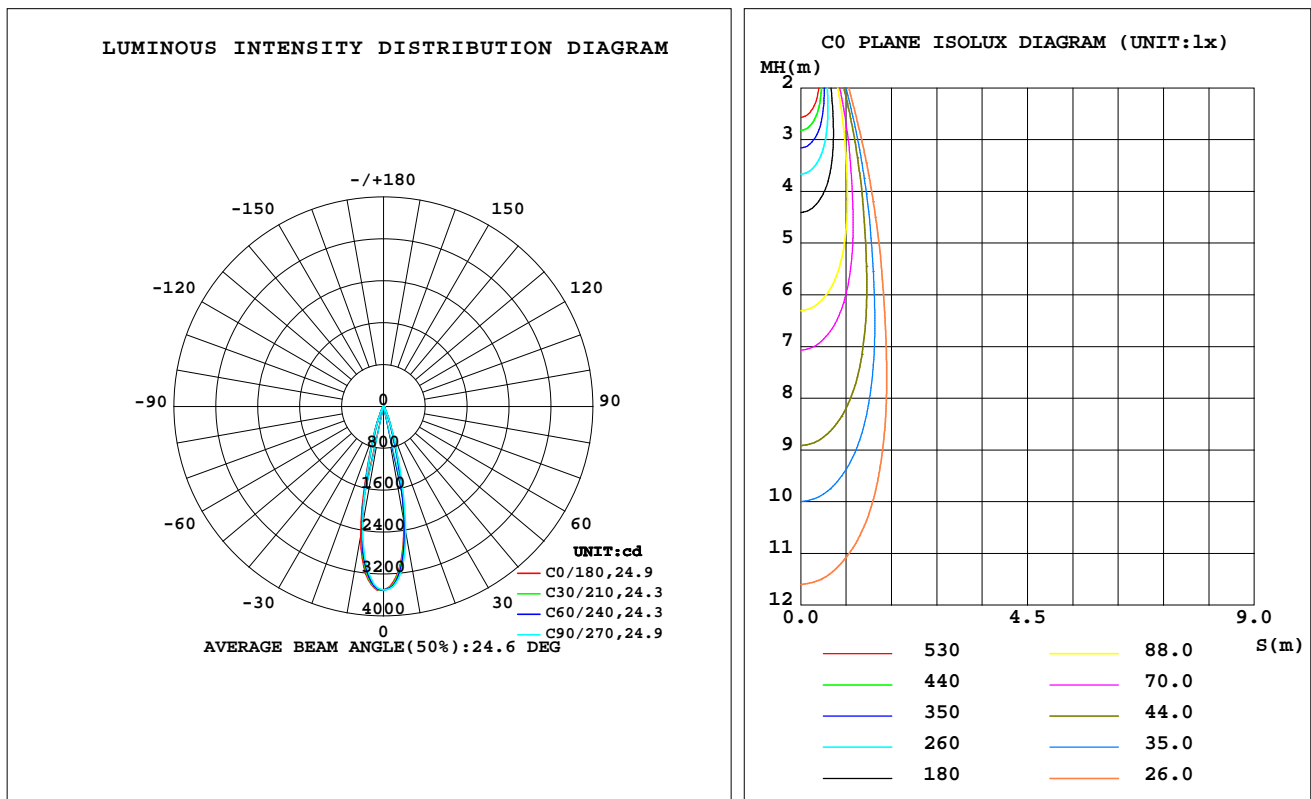
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.20 lm/W			
MODEL	Bridgelux	I _{max} (cd)	3513	S/MH(C0/180)	0.41
NOMINAL POWER(W)	14	LOR(%)	47.0	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	700.66	η UP,DN(C0-180)	0.0,23.8
NOMINAL FLUX(lm)	1490.38	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,23.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	47.0	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

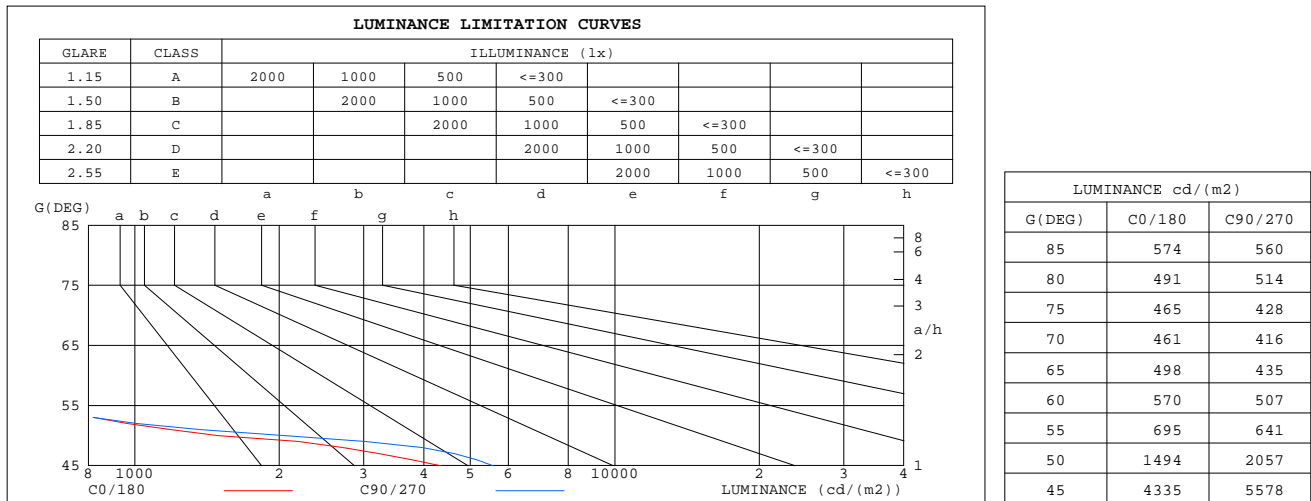
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2264	2281	2448	2479	2514	2382	2303	2190	0- 10	282.3	282.3	40.3,18.9
20	438.0	421.2	476.4	442.2	466.4	423.3	431.3	401.8	10- 20	312.2	594.5	84.8,39.9
30	49.16	67.39	60.51	76.07	62.21	70.10	52.85	65.19	20- 30	86.83	681.3	97.2,45.7
40	5.808	6.370	6.870	7.253	6.838	7.389	6.298	6.366	30- 40	15.36	696.7	99.4,46.7
50	0.9833	1.834	1.354	1.950	1.892	2.152	1.461	1.760	40- 50	3.005	699.7	99.9,46.9
60	0.2917	0.2532	0.2595	0.2714	0.3036	0.2785	0.2958	0.2548	50- 60	0.5893	700.3	99.9,47
70	0.1613	0.1284	0.1457	0.1449	0.1817	0.1451	0.1686	0.1245	60- 70	0.1980	700.5	100,47
80	0.0873	0.0701	0.0914	0.0785	0.1079	0.0777	0.1102	0.0583	70- 80	0.1179	700.6	100,47
90	0	0	0	0	0	0	0	0	80- 90	0.0550	700.7	100,47
100	0	0	0	0	0	0	0	0	90-100	0	700.7	100,47
110	0	0	0	0	0	0	0	0	100-110	0	700.7	100,47
120	0	0	0	0	0	0	0	0	110-120	0	700.7	100,47
130	0	0	0	0	0	0	0	0	120-130	0	700.7	100,47
140	0	0	0	0	0	0	0	0	130-140	0	700.7	100,47
150	0	0	0	0	0	0	0	0	140-150	0	700.7	100,47
160	0	0	0	0	0	0	0	0	150-160	0	700.7	100,47
170	0	0	0	0	0	0	0	0	160-170	0	700.7	100,47
180	0	0	0	0	0	0	0	0	170-180	0	700.7	100,47
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
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:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz
Lamp Flux:1490.38x1 lm

NAME: 2418.102-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

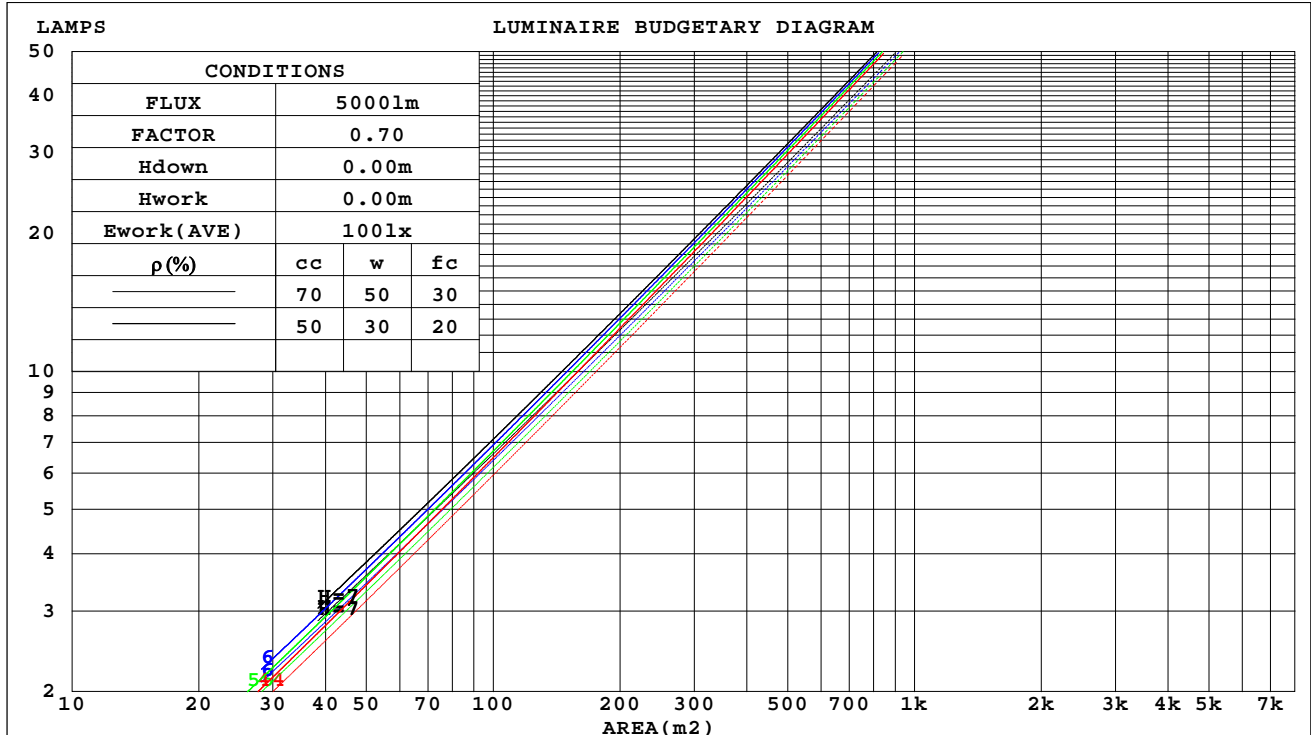
SERIAL No.: 2408070994

MFR.: RISE

SUR.: 0.001024m2

Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	.56	.56	.56	.55	.55	.55	.52	.52	.52	.50	.50	.50	.48	.48	.48	.47
1.0	.53	.52	.52	.52	.51	.51	.50	.50	.49	.49	.48	.48	.47	.47	.46	.46
2.0	.51	.50	.48	.50	.49	.48	.49	.48	.47	.47	.47	.46	.46	.46	.45	.44
3.0	.49	.47	.46	.48	.47	.46	.47	.46	.45	.46	.45	.44	.45	.44	.44	.43
4.0	.47	.45	.44	.47	.45	.44	.46	.44	.43	.45	.44	.43	.44	.43	.42	.42
5.0	.46	.44	.42	.45	.44	.42	.44	.43	.42	.44	.43	.42	.43	.42	.41	.41
6.0	.44	.42	.41	.44	.42	.41	.43	.42	.41	.43	.41	.40	.42	.41	.40	.40
7.0	.43	.41	.40	.43	.41	.40	.42	.41	.40	.42	.40	.39	.41	.40	.39	.39
8.0	.42	.40	.39	.42	.40	.39	.41	.40	.38	.41	.39	.38	.40	.39	.38	.38
9.0	.41	.39	.38	.40	.39	.38	.40	.39	.38	.40	.38	.37	.39	.38	.37	.37
10.0	.40	.38	.37	.39	.38	.37	.39	.38	.37	.39	.38	.37	.39	.37	.36	.36



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up



WEC AND CCEC

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
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	.061	.035	.011	.058	.033	.011	.053	.030	.010	.047	.027	.009	.042	.024	.008		
2.0	.057	.031	.010	.054	.030	.009	.049	.027	.009	.045	.025	.008	.041	.023	.007		
3.0	.053	.028	.008	.050	.027	.008	.046	.025	.008	.043	.023	.007	.039	.022	.007		
4.0	.049	.026	.007	.047	.025	.007	.044	.023	.007	.041	.022	.007	.038	.021	.006		
5.0	.046	.024	.007	.045	.023	.007	.042	.022	.006	.039	.021	.006	.037	.020	.006		
6.0	.044	.022	.006	.042	.021	.006	.040	.020	.006	.038	.020	.006	.035	.019	.006		
7.0	.041	.020	.006	.040	.020	.006	.038	.019	.006	.036	.019	.005	.034	.018	.005		
8.0	.039	.019	.005	.038	.019	.005	.037	.018	.005	.035	.018	.005	.033	.017	.005		
9.0	.038	.018	.005	.037	.018	.005	.035	.017	.005	.034	.017	.005	.032	.016	.005		
10.0	.036	.017	.005	.035	.017	.005	.034	.017	.005	.032	.016	.005	.031	.016	.004		

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	.090	.090	.090	.077	.077	.077	.052	.052	.052	.030	.030	.030	.010	.010	.010		
1.0	.079	.074	.070	.068	.064	.060	.046	.044	.042	.027	.025	.024	.009	.008	.008		
2.0	.070	.062	.056	.060	.054	.048	.041	.037	.034	.024	.022	.020	.008	.007	.006		
3.0	.063	.053	.045	.054	.046	.039	.037	.032	.028	.021	.019	.016	.007	.006	.005		
4.0	.057	.046	.038	.049	.040	.033	.034	.028	.023	.019	.016	.014	.006	.005	.004		
5.0	.052	.040	.031	.045	.035	.027	.031	.024	.019	.018	.014	.011	.006	.005	.004		
6.0	.048	.035	.027	.041	.031	.023	.028	.021	.016	.016	.013	.010	.005	.004	.003		
7.0	.044	.031	.023	.038	.027	.020	.026	.019	.014	.015	.011	.008	.005	.004	.003		
8.0	.041	.028	.020	.035	.025	.017	.024	.017	.012	.014	.010	.007	.005	.003	.002		
9.0	.038	.026	.017	.033	.022	.015	.023	.016	.011	.013	.009	.006	.004	.003	.002		
10.0	.036	.023	.015	.031	.020	.013	.021	.014	.009	.012	.008	.006	.004	.003	.002		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm										
NAME: 2418.102-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2408070994		
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	4.6	5.2	4.8	5.4	5.5	5.6	6.2	5.8	6.4	6.5
3H	4.5	5.1	4.7	5.3	5.5	5.5	6.1	5.7	6.2	6.4
4H	4.5	5.0	4.7	5.2	5.4	5.4	6.0	5.7	6.2	6.4
6H	4.4	4.9	4.7	5.1	5.4	5.3	5.9	5.6	6.1	6.3
8H	4.3	4.8	4.6	5.1	5.3	5.3	5.8	5.6	6.0	6.3
12H	4.3	4.8	4.6	5.0	5.3	5.3	5.7	5.6	6.0	6.3
4H 2H	4.4	5.0	4.7	5.2	5.4	5.4	5.9	5.7	6.1	6.4
3H	4.3	4.8	4.6	5.0	5.3	5.2	5.7	5.5	6.0	6.2
4H	4.2	4.6	4.5	4.9	5.2	5.2	5.6	5.5	5.9	6.2
6H	4.1	4.5	4.5	4.8	5.2	5.1	5.5	5.4	5.8	6.1
8H	4.1	4.5	4.5	4.8	5.2	5.0	5.4	5.4	5.7	6.1
12H	4.0	4.4	4.4	4.7	5.1	5.0	5.3	5.4	5.7	6.1
8H 4H	4.1	4.4	4.4	4.8	5.1	5.0	5.4	5.4	5.7	6.1
6H	4.0	4.3	4.4	4.7	5.1	4.9	5.2	5.3	5.6	6.0
8H	3.9	4.2	4.4	4.6	5.1	4.9	5.1	5.3	5.6	6.0
12H	3.9	4.1	4.4	4.6	5.0	4.8	5.1	5.3	5.5	6.0
12H 4H	4.0	4.3	4.4	4.7	5.1	5.0	5.3	5.4	5.7	6.0
6H	3.9	4.2	4.4	4.6	5.0	4.9	5.1	5.3	5.5	6.0
8H	3.9	4.1	4.3	4.6	5.0	4.8	5.0	5.3	5.5	6.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.6 / - 7.3					+ 2.7 / - 8.5				
1.5H	+ 4.0 / - 7.2					+ 4.1 / - 8.6				
2.0H	+ 5.6 / - 4.2					+ 6.3 / - 5.7				

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:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

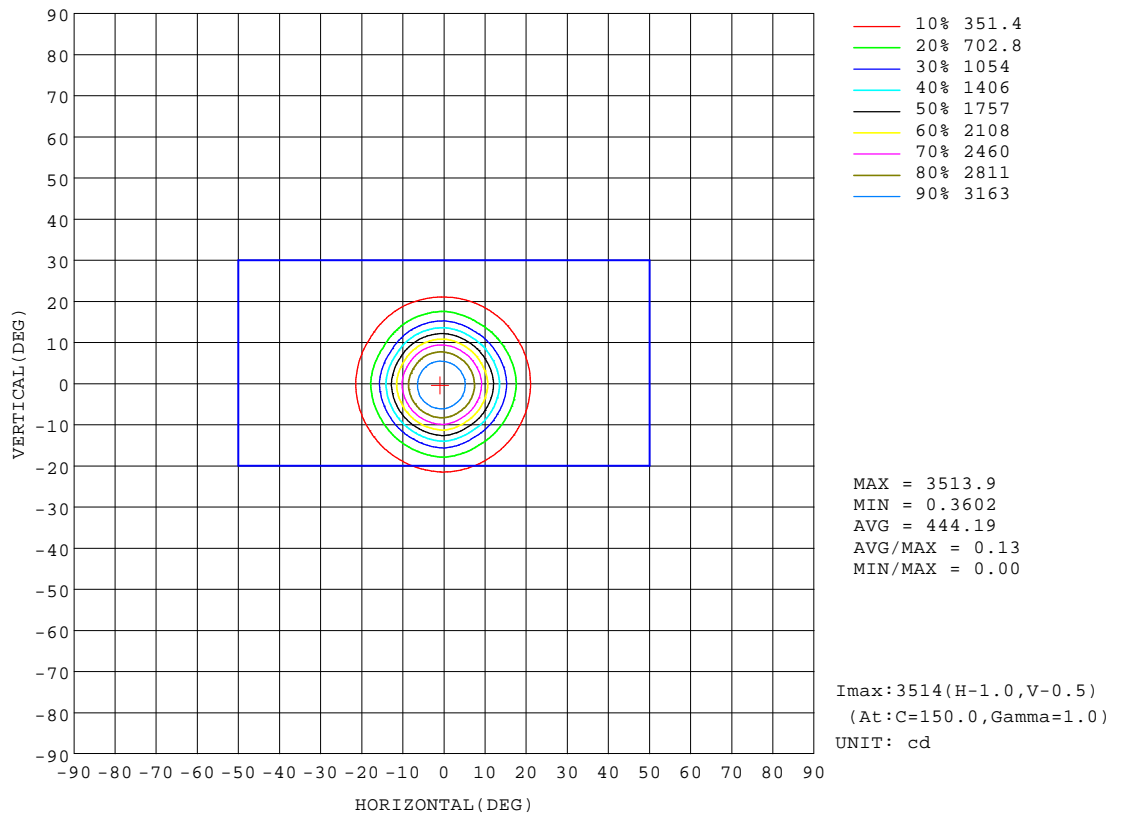
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	43	40	39	43	40	39	42	40	39	37
0.80	46	44	42	46	44	42	45	43	42	40
1.00	48	46	44	48	45	44	47	45	44	42
1.25	50	47	46	49	47	46	48	47	45	44
1.50	51	49	47	50	48	47	49	48	47	45
2.00	52	50	49	51	49	48	50	49	47	45
2.50	52	51	49	52	50	49	50	49	48	46
3.00	53	52	50	52	51	50	51	50	49	46
4.00	54	53	52	53	52	51	51	50	50	47
5.00	54	53	53	53	53	52	52	51	51	47
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:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

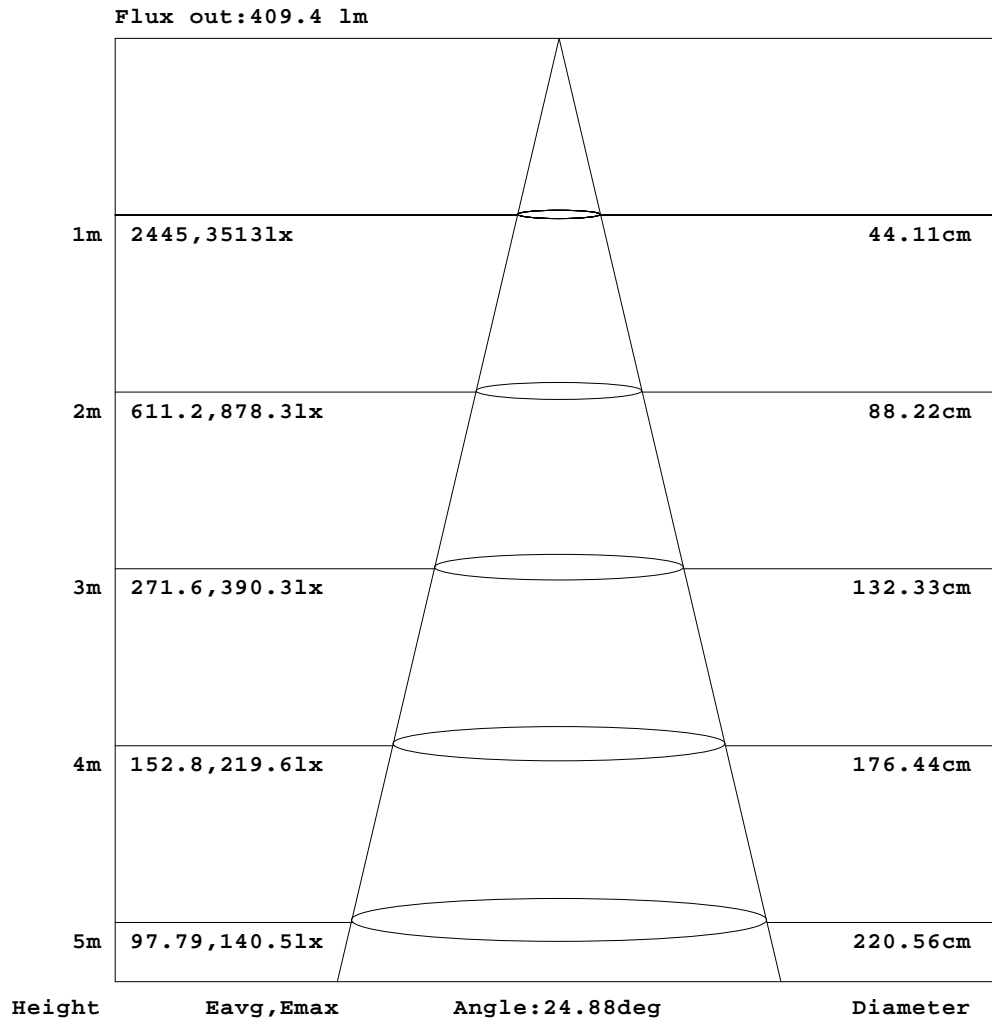


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

AAI Figure

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:



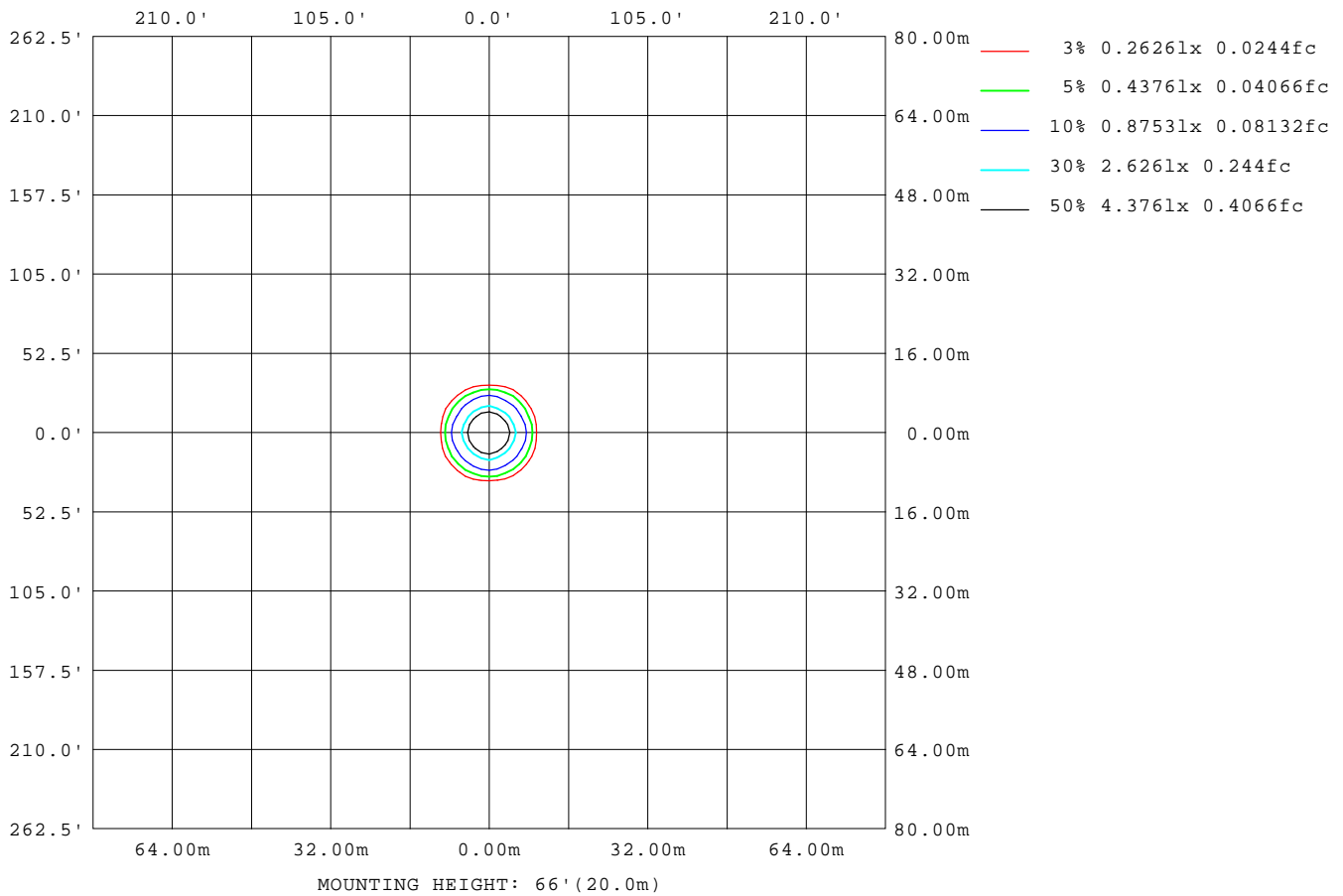
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
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:2024-8-7

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 20/200-240/500 CS 350mA
30minutes warm-up

LED Avg.L Report

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

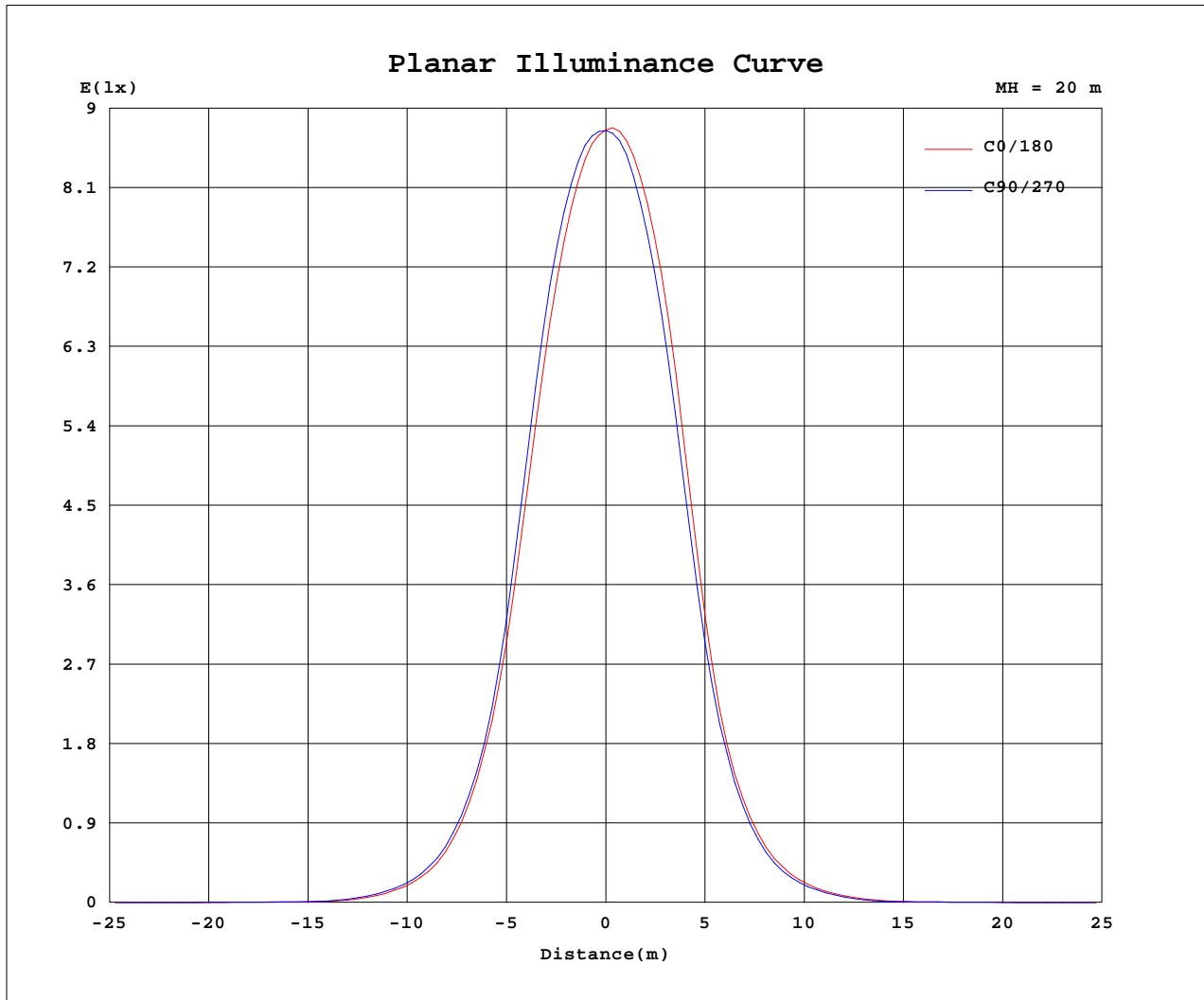
AvgL	cd/m2
L_0~180(65)av	516
L_0~180(75)av	503
L_0~180(85)av	677
L_90~270(65)av	473
L_90~270(75)av	472
L_90~270(85)av	797
L_45(65)av	424
L_45(75)av	372
L_45(85)av	406

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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 20/200-240/500 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: 2024-8-7

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 20/200-240/500 CS 350mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.15V I:0.0640A P:13.684W PF:0.9684 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070994
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	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500						
5	3180	3211	3252	3293	3329	3348	3325	3298	3261	3208	3178	3165						
10	2264	2256	2307	2448	2470	2488	2514	2399	2365	2303	2199	2181						
15	1101	1048	1042	1188	1132	1137	1196	1065	1097	1092	986	1011						
20	438	418	424	476	445	440	466	412	435	431	402	402						
25	154	176	182	172	190	190	173	183	173	154	176	164						
30	49.2	66.3	68.5	60.5	76.5	75.7	62.2	73.8	66.4	52.9	68.5	61.9						
35	10.8	21.9	22.8	14.6	26.4	26.5	16.1	26.8	22.1	12.1	23.7	19.2						
40	5.81	6.14	6.60	6.87	7.28	7.23	6.84	8.61	6.17	6.30	6.73	6.00						
45	3.14	3.34	3.92	4.04	3.74	3.90	4.29	4.43	3.73	3.76	4.06	3.57						
50	0.98	1.63	2.04	1.35	1.86	2.04	1.89	2.37	1.93	1.46	1.93	1.59						
55	0.41	0.46	0.42	0.38	0.56	0.58	0.43	0.53	0.51	0.41	0.45	0.43						
60	0.29	0.26	0.24	0.26	0.26	0.28	0.30	0.28	0.28	0.30	0.26	0.25						
65	0.22	0.18	0.16	0.19	0.19	0.20	0.23	0.20	0.20	0.22	0.18	0.18						
70	0.16	0.14	0.12	0.15	0.14	0.15	0.18	0.15	0.14	0.17	0.12	0.13						
75	0.12	0.11	0.09	0.11	0.10	0.11	0.14	0.11	0.11	0.14	0.09	0.09						
80	0.09	0.07	0.07	0.09	0.08	0.08	0.11	0.08	0.08	0.11	0.06	0.06						
85	0.05	0.05	0.04	0.05	0.04	0.04	0.07	0.05	0.04	0.09	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
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Operators:zoe
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