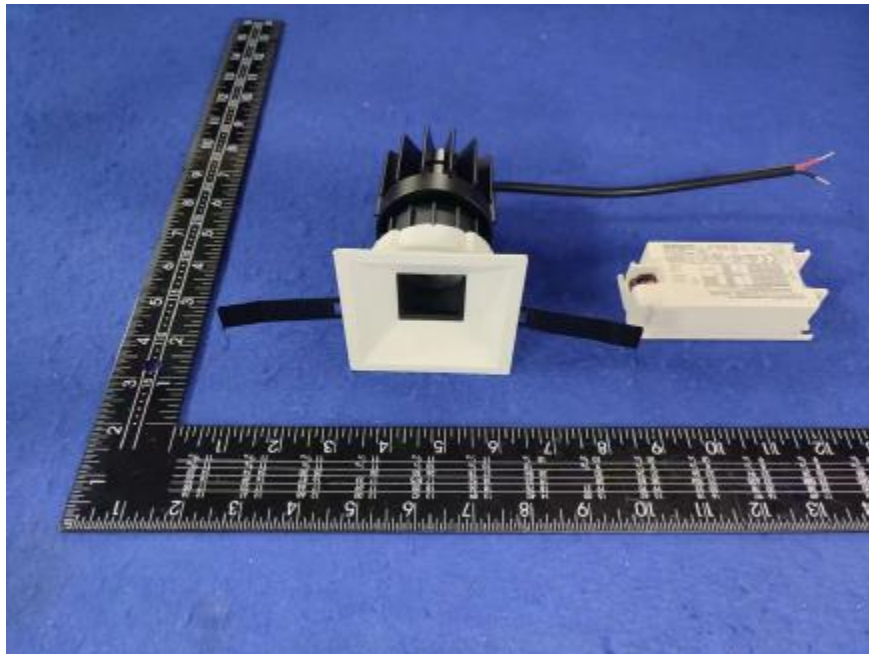


Luminaire Photograph



Light Output Ratio:	48.7%	
Luminaire Power:	13.69 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: 2024-8-9

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

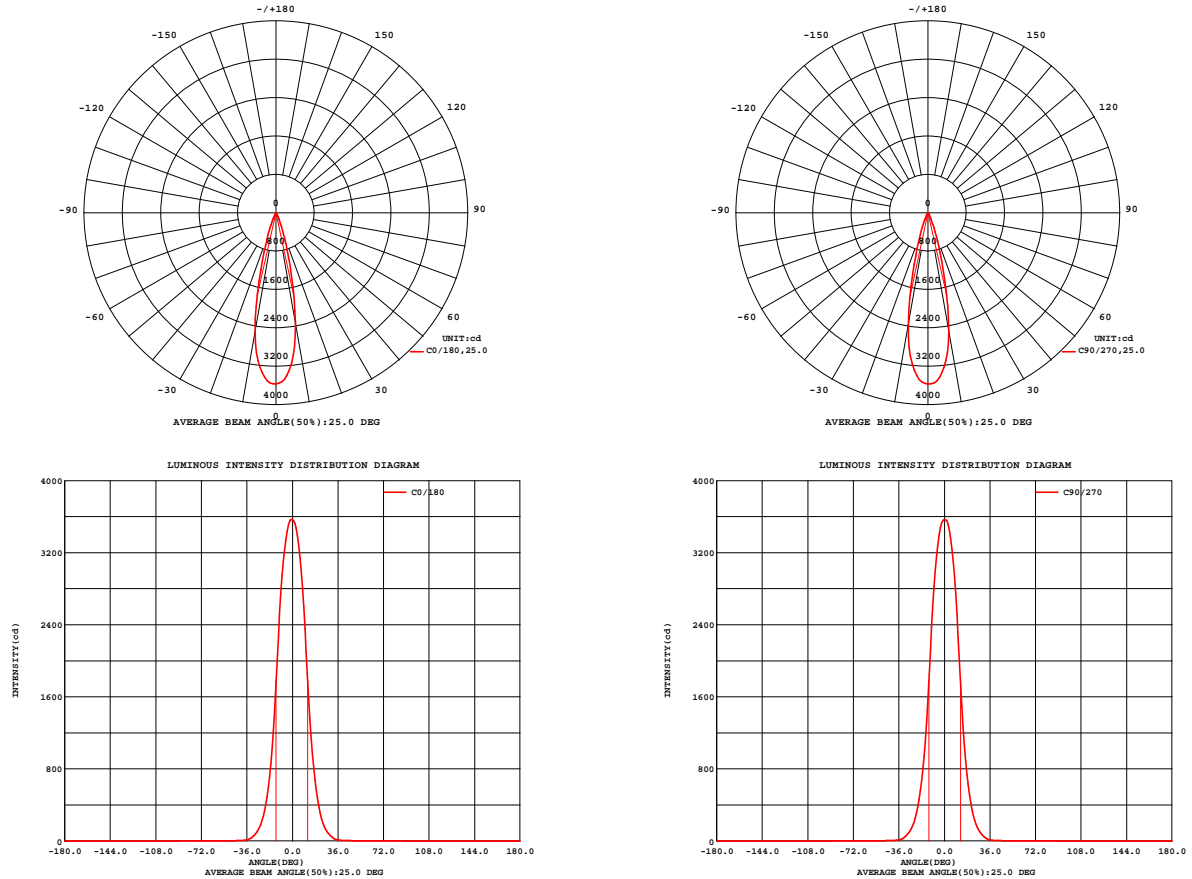


Fig. C0/C180

Fig. C90/C270

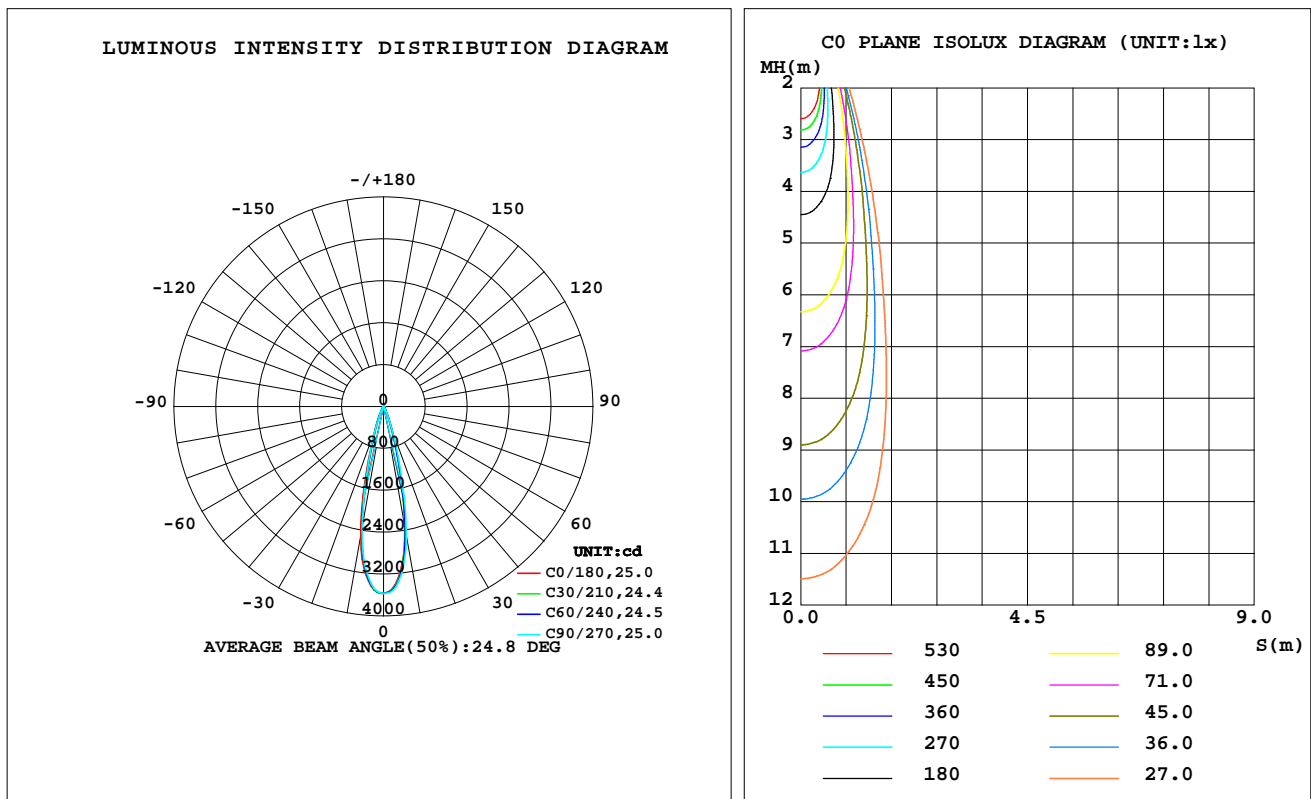
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 53.01 lm/W			
MODEL	Bridgelux	I _{max} (cd)	3569	S/MH(C0/180)	0.41
NOMINAL POWER(W)	14	LOR(%)	48.7	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	725.68	η UP,DN(C0-180)	0.0,24.8
NOMINAL FLUX(lm)	1490.38	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,23.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	48.7	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-9

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	2354	2379	2511	2507	2527	2399	2368	2273	0- 10	288.2	288.2	39.7,19.3
20	465.7	452.5	511.0	471.8	489.4	442.2	455.9	426.0	10- 20	324.2	612.4	84.4,41.1
30	59.40	75.87	66.45	81.34	63.51	74.72	58.91	69.90	20- 30	92.58	705.0	97.2,47.3
40	6.325	7.109	6.354	7.846	5.982	6.980	6.222	7.031	30- 40	16.86	721.9	99.5,48.4
50	1.839	2.084	1.555	2.189	1.442	2.243	1.518	2.072	40- 50	3.069	725.0	99.9,48.6
60	0.1851	0.1868	0.1705	0.1715	0.1555	0.1763	0.1759	0.1882	50- 60	0.5882	725.5	100,48.7
70	0.0475	0.0482	0.0527	0.0491	0.0443	0.0445	0.0504	0.0476	60- 70	0.1005	725.6	100,48.7
80	0.0223	0.0099	0.0217	0.0154	0.0180	0.0093	0.0168	0.0113	70- 80	0.0224	725.7	100,48.7
90	0	0	0	0	0	0	0	0	80- 90	0.0111	725.7	100,48.7
100	0	0	0	0	0	0	0	0	90-100	0	725.7	100,48.7
110	0	0	0	0	0	0	0	0	100-110	0	725.7	100,48.7
120	0	0	0	0	0	0	0	0	110-120	0	725.7	100,48.7
130	0	0	0	0	0	0	0	0	120-130	0	725.7	100,48.7
140	0	0	0	0	0	0	0	0	130-140	0	725.7	100,48.7
150	0	0	0	0	0	0	0	0	140-150	0	725.7	100,48.7
160	0	0	0	0	0	0	0	0	150-160	0	725.7	100,48.7
170	0	0	0	0	0	0	0	0	160-170	0	725.7	100,48.7
180	0	0	0	0	0	0	0	0	170-180	0	725.7	100,48.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz
Lamp Flux:1490.38x1 lm

NAME: 2418.101-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

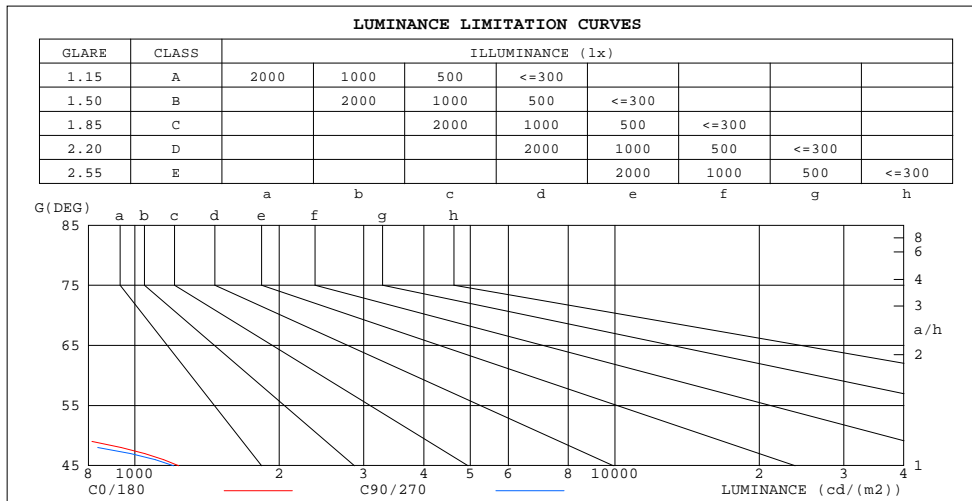
DIM.:

SERIAL No.: 2408091106

MFR.: RISE

SUR.: 0.004624m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	45	47
80	28	27
75	16	17
70	30	33
65	51	49
60	80	74
55	118	112
50	619	523
45	1234	1205

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz
Lamp Flux:1490.38x1 lm

NAME: 2418.101-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

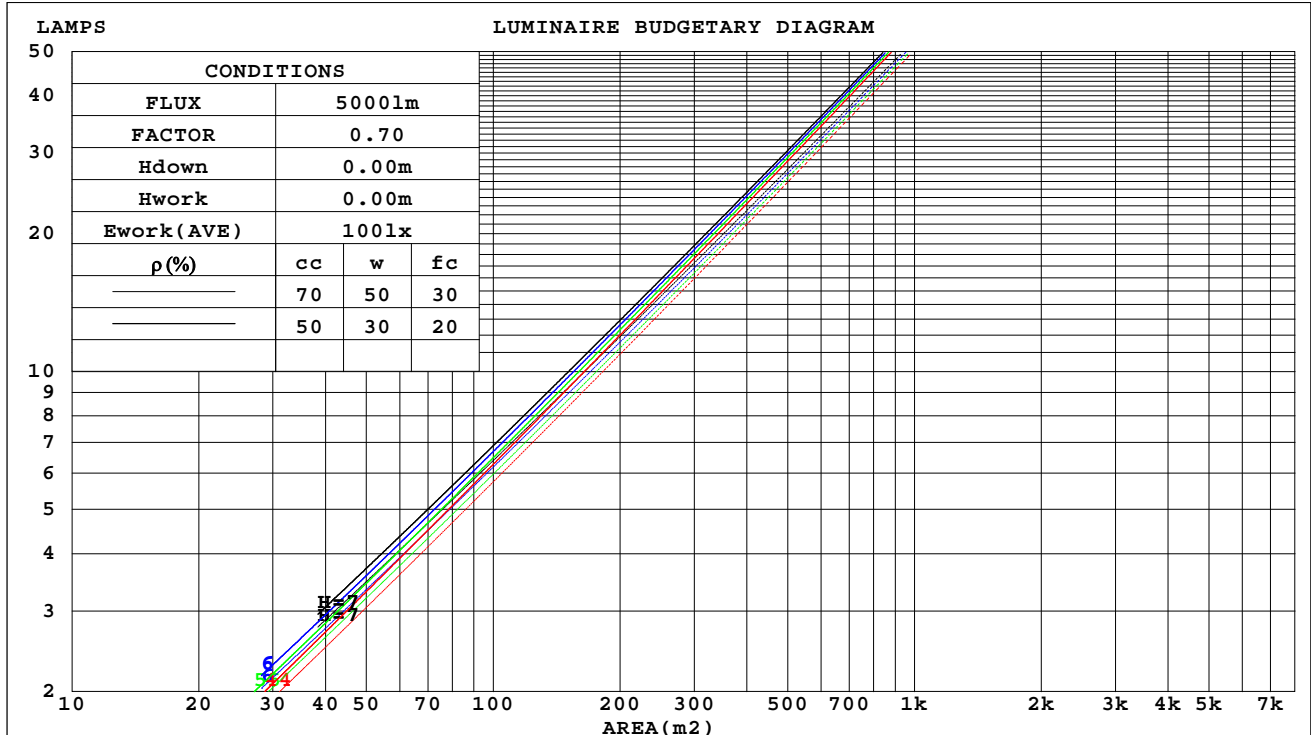
SERIAL No.: 2408091106

MFR.: RISE

SUR.: 0.004624m2

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	.58	.58	.58	.57	.57	.57	.54	.54	.54	.52	.52	.52	.50	.50	.50	.49
1.0	.55	.54	.53	.54	.53	.53	.52	.52	.51	.50	.50	.49	.49	.48	.48	.47
2.0	.53	.51	.50	.52	.51	.50	.50	.49	.49	.49	.48	.48	.48	.47	.47	.46
3.0	.51	.49	.48	.50	.48	.47	.49	.48	.47	.48	.47	.46	.47	.46	.45	.45
4.0	.49	.47	.46	.48	.47	.45	.47	.46	.45	.46	.45	.44	.46	.45	.44	.43
5.0	.47	.45	.44	.47	.45	.44	.46	.45	.43	.45	.44	.43	.45	.44	.43	.42
6.0	.46	.44	.42	.45	.44	.42	.45	.43	.42	.44	.43	.42	.44	.42	.42	.41
7.0	.44	.42	.41	.44	.42	.41	.44	.42	.41	.43	.42	.41	.43	.41	.40	.40
8.0	.43	.41	.40	.43	.41	.40	.42	.41	.40	.42	.41	.40	.42	.40	.39	.39
9.0	.42	.40	.39	.42	.40	.39	.41	.40	.39	.41	.40	.39	.41	.39	.39	.38
10.0	.41	.39	.38	.41	.39	.38	.40	.39	.38	.40	.39	.38	.40	.39	.38	.37



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	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	.064	.036	.011	.061	.035	.011	.055	.031	.010	.049	.028	.009	.044	.025	.008		
2.0	.059	.032	.010	.056	.031	.010	.051	.028	.009	.047	.026	.008	.042	.024	.008		
3.0	.055	.029	.009	.052	.028	.008	.048	.026	.008	.045	.024	.007	.041	.023	.007		
4.0	.051	.027	.008	.049	.026	.008	.046	.024	.007	.043	.023	.007	.040	.022	.007		
5.0	.048	.024	.007	.046	.024	.007	.044	.023	.007	.041	.022	.006	.038	.020	.006		
6.0	.045	.023	.007	.044	.022	.006	.042	.021	.006	.039	.020	.006	.037	.019	.006		
7.0	.043	.021	.006	.042	.021	.006	.040	.020	.006	.038	.019	.006	.036	.019	.005		
8.0	.041	.020	.006	.040	.020	.006	.038	.019	.005	.036	.018	.005	.035	.018	.005		
9.0	.039	.019	.005	.038	.019	.005	.037	.018	.005	.035	.018	.005	.034	.017	.005		
10.0	.037	.018	.005	.037	.018	.005	.035	.017	.005	.034	.017	.005	.032	.016	.005		

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	.093	.093	.093	.079	.079	.079	.054	.054	.054	.031	.031	.031	.010	.010	.010	
1.0	.082	.077	.072	.070	.066	.062	.048	.045	.043	.028	.026	.025	.009	.008	.008	
2.0	.073	.065	.058	.062	.056	.050	.043	.038	.035	.025	.022	.020	.008	.007	.007	
3.0	.065	.055	.047	.056	.048	.041	.038	.033	.029	.022	.019	.017	.007	.006	.006	
4.0	.059	.048	.039	.051	.041	.034	.035	.029	.024	.020	.017	.014	.006	.005	.005	
5.0	.054	.042	.033	.046	.036	.028	.032	.025	.020	.018	.015	.012	.006	.005	.004	
6.0	.049	.037	.028	.042	.032	.024	.029	.022	.017	.017	.013	.010	.005	.004	.003	
7.0	.046	.033	.024	.039	.028	.020	.027	.020	.015	.016	.012	.009	.005	.004	.003	
8.0	.042	.029	.020	.037	.025	.018	.025	.018	.013	.015	.011	.007	.005	.003	.002	
9.0	.040	.027	.018	.034	.023	.015	.024	.016	.011	.014	.010	.007	.004	.003	.002	
10.0	.037	.024	.015	.032	.021	.014	.022	.015	.010	.013	.009	.006	.004	.003	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm										
NAME: 2418.101-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2408091106		
MFR.: RISE					SUR.: 0.004624m2			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	0.9	1.6	1.1	1.7	1.9	0.9	1.5	1.1	1.7	1.8
3H	0.8	1.4	1.0	1.6	1.7	0.8	1.3	1.0	1.5	1.7
4H	0.7	1.3	1.0	1.5	1.7	0.7	1.2	0.9	1.4	1.6
6H	0.6	1.2	0.9	1.4	1.6	0.6	1.1	0.9	1.3	1.6
8H	0.6	1.1	0.9	1.3	1.6	0.6	1.1	0.9	1.3	1.6
12H	0.6	1.0	0.9	1.3	1.6	0.5	1.0	0.8	1.3	1.5
4H 2H	0.7	1.3	1.0	1.5	1.7	0.7	1.2	0.9	1.4	1.6
3H	0.6	1.0	0.9	1.3	1.6	0.5	1.0	0.8	1.3	1.5
4H	0.5	0.9	0.8	1.2	1.5	0.4	0.9	0.8	1.2	1.5
6H	0.4	0.8	0.7	1.1	1.4	0.3	0.7	0.7	1.0	1.4
8H	0.3	0.7	0.7	1.0	1.4	0.3	0.6	0.7	1.0	1.3
12H	0.2	0.6	0.7	1.0	1.3	0.2	0.5	0.6	0.9	1.3
8H 4H	0.3	0.7	0.7	1.0	1.4	0.3	0.6	0.7	1.0	1.3
6H	0.2	0.5	0.6	0.9	1.3	0.2	0.5	0.6	0.8	1.3
8H	0.1	0.4	0.6	0.8	1.2	0.1	0.4	0.5	0.8	1.2
12H	0.1	0.3	0.5	0.7	1.2	0.0	0.3	0.5	0.7	1.2
12H 4H	0.2	0.6	0.6	1.0	1.3	0.2	0.5	0.6	0.9	1.3
6H	0.1	0.4	0.6	0.8	1.2	0.1	0.4	0.5	0.8	1.2
8H	0.1	0.3	0.5	0.7	1.2	0.0	0.3	0.5	0.7	1.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.1 / -14.4					+ 3.1 / -14.3				
1.5H	+ 4.4 / -11.4					+ 4.5 / -11.3				
2.0H	+ 6.3 / -11.6					+ 6.7 / -11.6				

CIE Pub.117, 1490 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)
Area: 0.004624 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

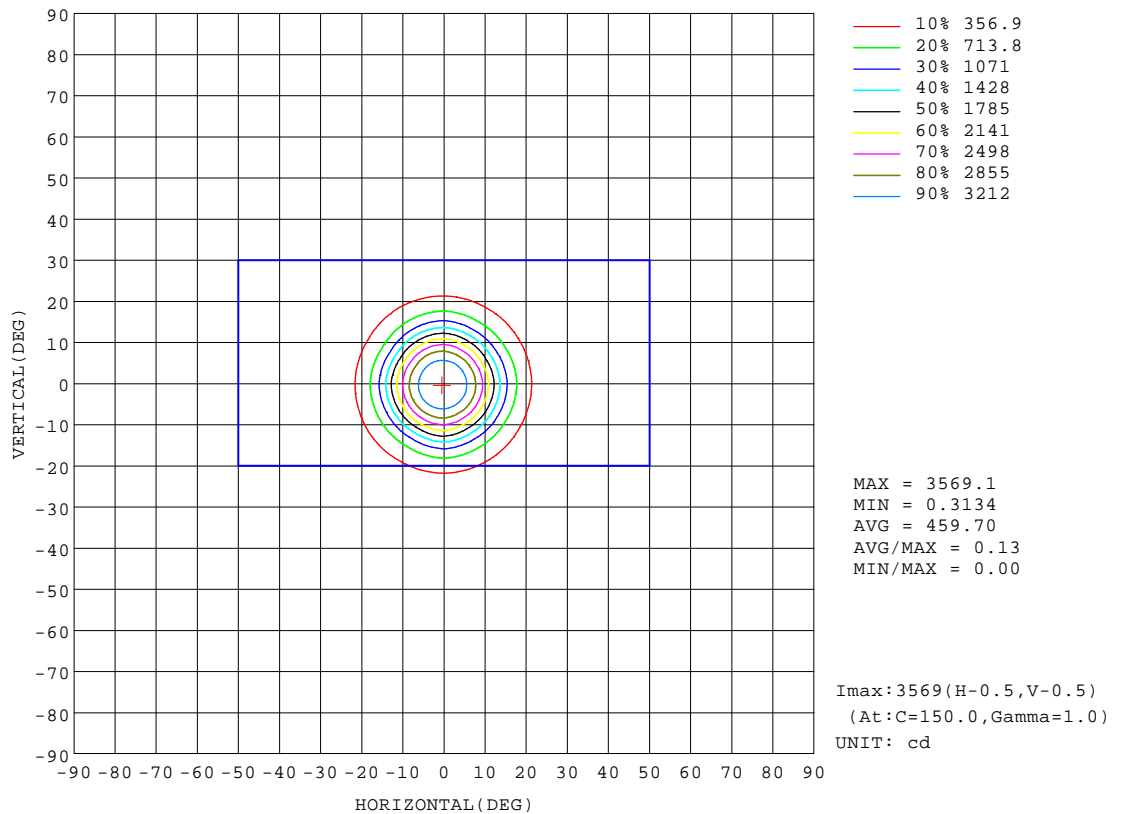
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	42	40	44	42	40	44	41	40	38
0.80	48	45	44	47	45	44	47	45	43	42
1.00	50	47	46	49	47	45	48	47	45	44
1.25	51	49	48	51	49	47	50	48	47	45
1.50	52	50	49	52	50	49	51	49	48	46
2.00	54	52	50	53	51	50	52	50	49	47
2.50	54	53	51	53	52	51	52	51	50	47
3.00	55	53	52	54	53	52	52	51	51	48
4.00	56	55	54	55	54	53	53	52	52	48
5.00	56	55	55	55	55	54	53	53	52	49
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:2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

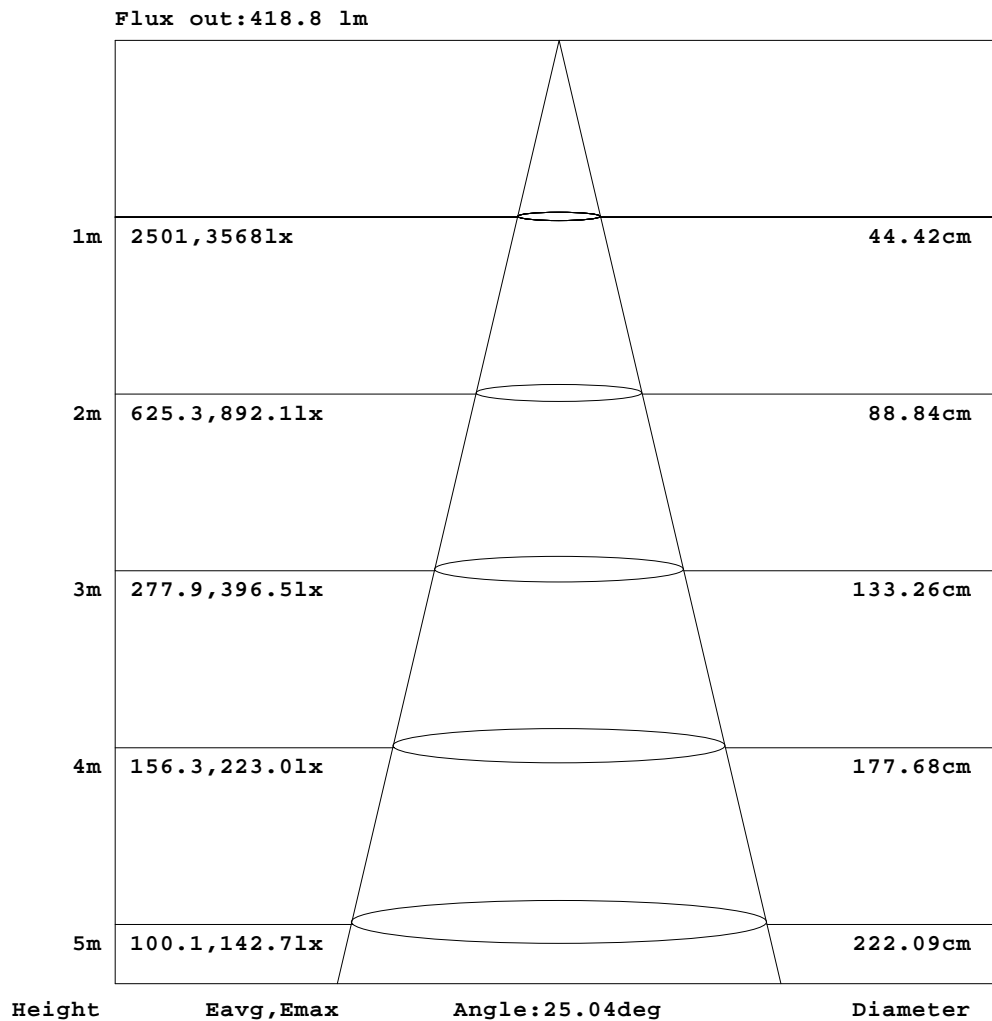


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:



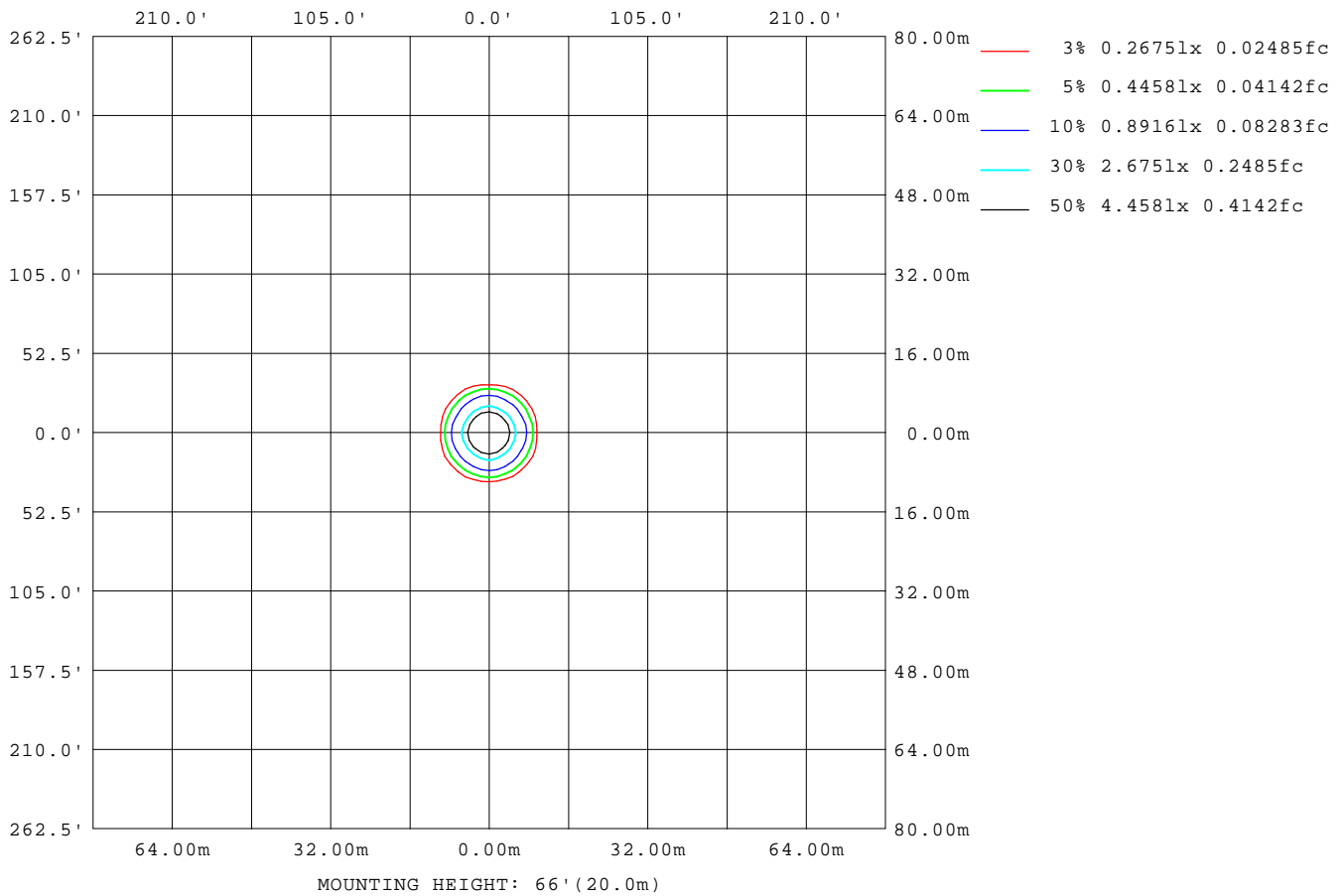
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3 °C
Operators:zoe
Test Date:2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

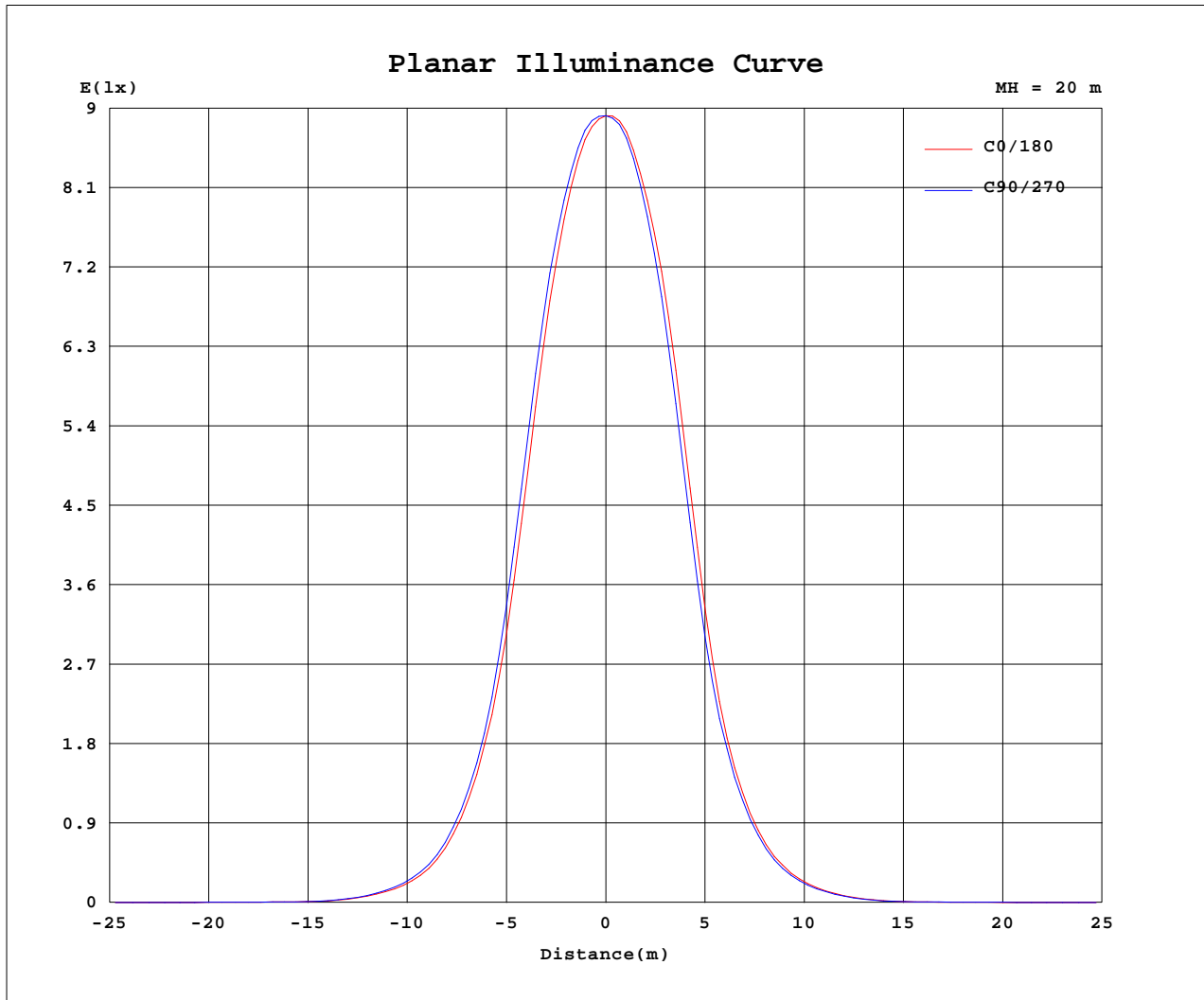
AvgL	cd/m2
L_0~180(65)av	48
L_0~180(75)av	16
L_0~180(85)av	42
L_90~270(65)av	50
L_90~270(75)av	15
L_90~270(85)av	46
L_45(65)av	50
L_45(75)av	12
L_45(85)av	15

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-9

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: 2024-8-9

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:220.21V I:0.0640A P:13.690W PF:0.9690 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.101-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408091106
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3567	3567	3567	3567	3567	3567	3567	3567	3567	3567	3567	3567						
5	3280	3308	3327	3351	3371	3372	3343	3324	3314	3291	3279	3268						
10	2354	2360	2399	2511	2500	2514	2527	2412	2387	2368	2277	2269						
15	1138	1117	1134	1252	1168	1191	1232	1096	1107	1117	1037	1052						
20	466	444	461	511	468	476	489	435	450	456	422	430						
25	167	187	192	187	202	206	180	190	188	167	179	177						
30	59.4	74.8	76.9	66.4	81.9	80.8	63.5	76.6	72.9	58.9	69.6	70.2						
35	14.9	27.5	26.1	16.0	28.4	27.7	15.0	26.6	25.1	14.4	25.1	24.7						
40	6.33	7.76	6.46	6.35	8.43	7.26	5.98	7.26	6.70	6.22	7.24	6.82						
45	4.04	4.09	3.61	3.94	4.27	3.99	3.38	3.66	4.20	3.93	3.70	3.96						
50	1.84	2.30	1.87	1.56	2.43	1.94	1.44	1.96	2.53	1.52	1.97	2.17						
55	0.31	0.52	0.46	0.30	0.48	0.48	0.27	0.54	0.41	0.30	0.53	0.44						
60	0.19	0.19	0.18	0.17	0.18	0.17	0.16	0.18	0.18	0.18	0.19	0.19						
65	0.10	0.11	0.09	0.10	0.10	0.09	0.09	0.09	0.09	0.10	0.10	0.10						
70	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.05	0.05						
75	0.02	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01						
80	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.01						
85	0.02	0.00	0.01	0.02	0.01	0.01	0.02	0.00	0.01	0.02	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:2024-8-9

γ Range: 0 - 180DEG
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