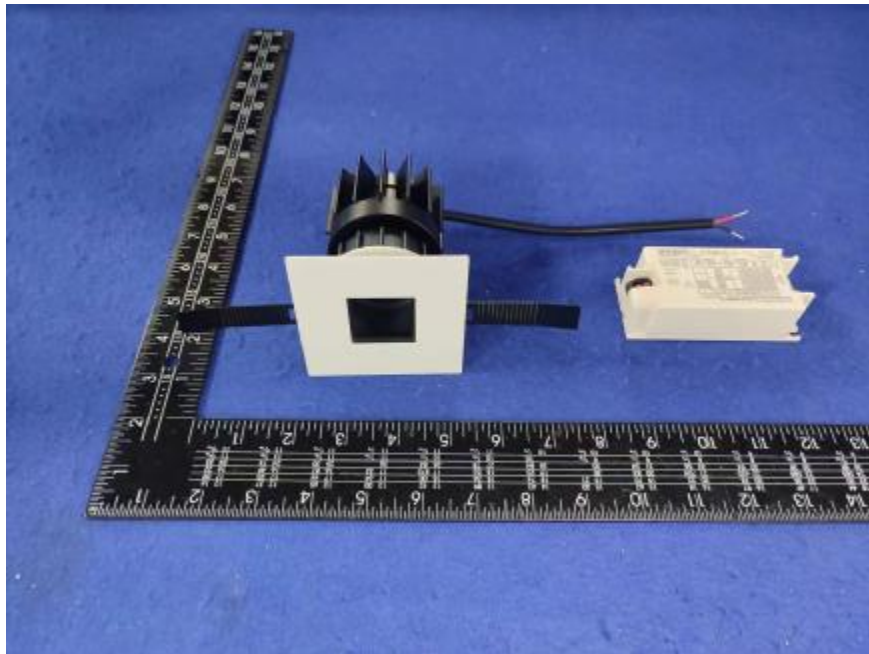


Luminaire Photograph



Light Output Ratio:	59.2%	
Luminaire Power:	13.8 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	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

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

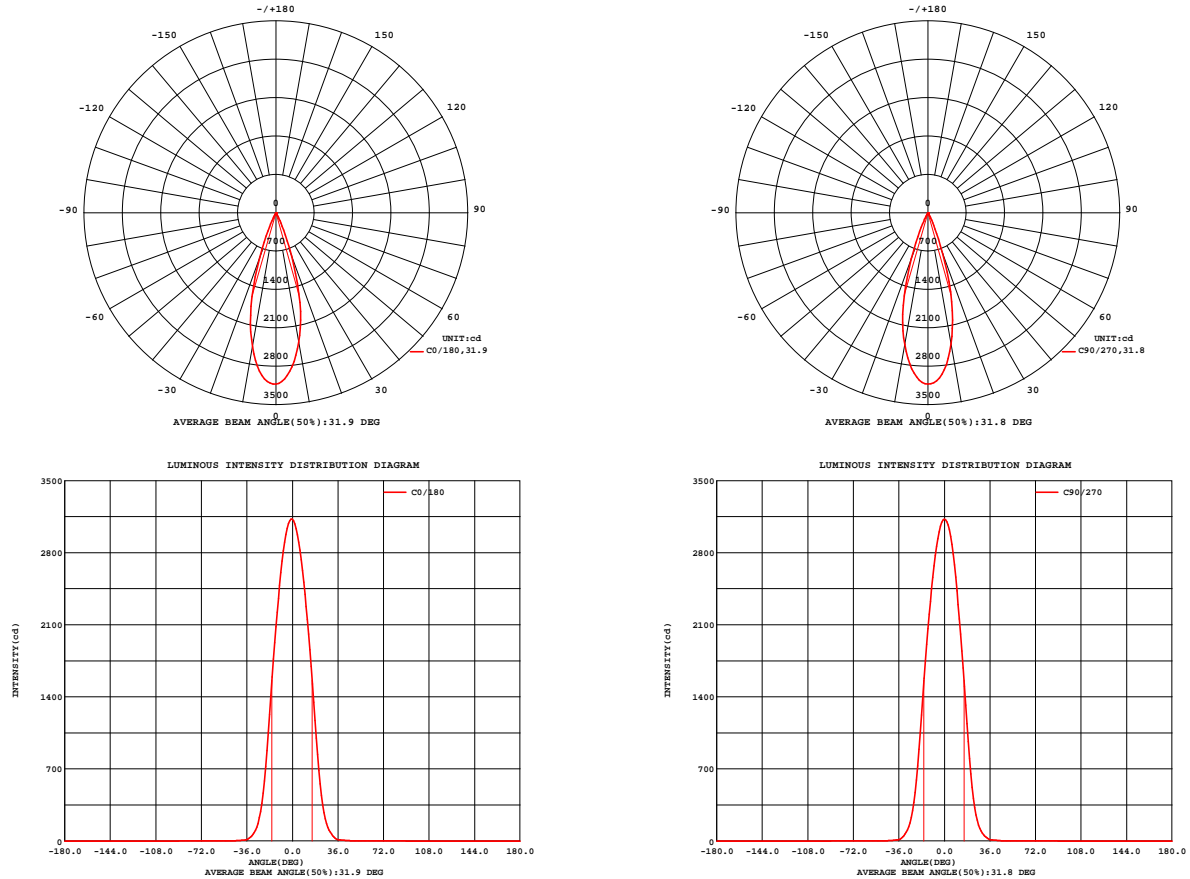


Fig. C0/C180

Fig. C90/C270

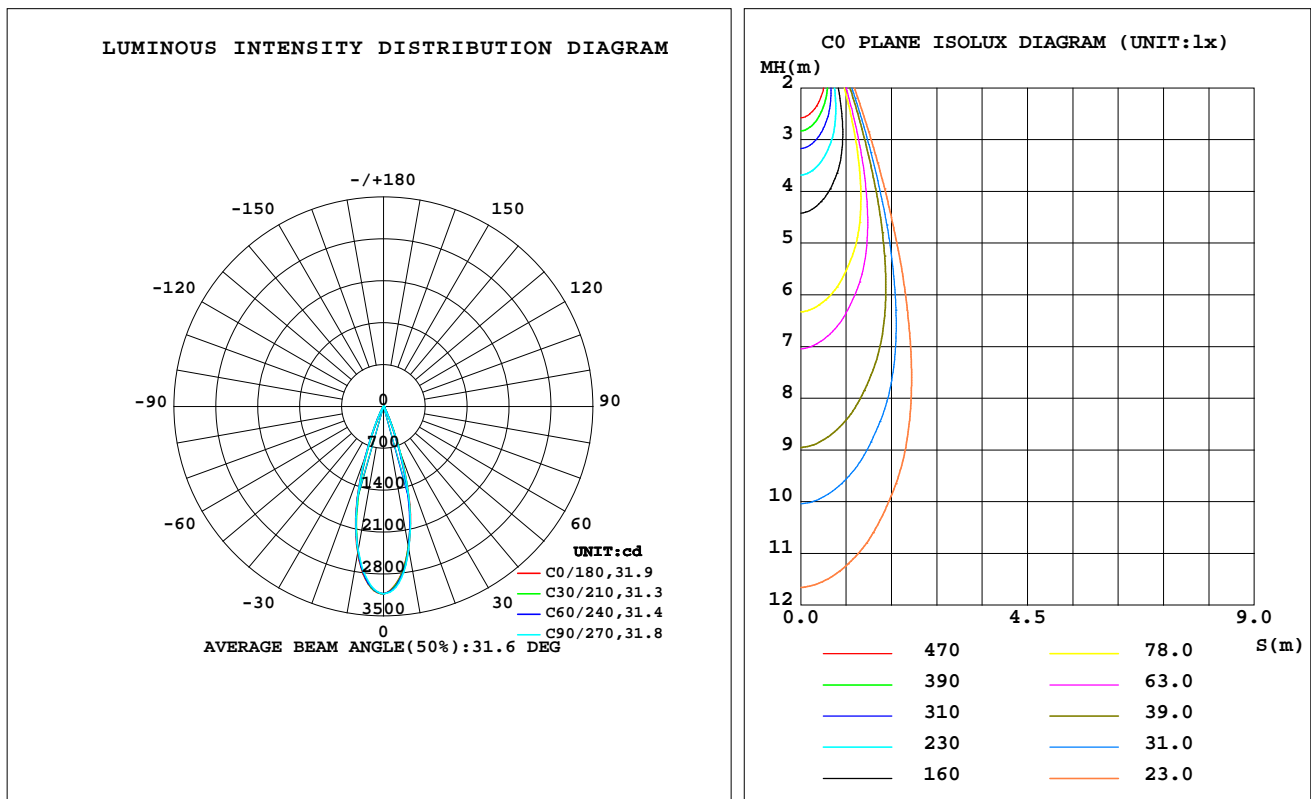
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-7

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.97 lm/W			
MODEL	Bridgelux	I _{max} (cd)	3126	S/MH(C0/180)	0.51
NOMINAL POWER(W)	14	LOR(%)	59.2	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	882.85	UP,DN(C0-180)	0.0,29.2
NOMINAL FLUX(lm)	1490.38	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,30.1
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	down(%)	59.2	CIBSE SHR MAX	0.50



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

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	2395	2405	2429	2473	2483	2463	2444	2404	0- 10	265.0	265.0	30,17.8
20	841.8	784.4	799.4	797.3	877.6	860.5	889.1	837.1	10- 20	447.4	712.4	80.7,47.8
30	85.27	86.79	77.41	83.75	81.74	88.88	86.98	93.84	20- 30	147.4	859.8	97.4,57.7
40	7.430	7.760	7.231	7.914	6.685	7.957	7.029	7.166	30- 40	19.70	879.5	99.6,59
50	0.7496	1.422	1.039	1.435	1.130	1.448	0.8665	1.324	40- 50	2.776	882.3	99.9,59.2
60	0.1584	0.1478	0.1607	0.1547	0.1681	0.1595	0.1677	0.1476	50- 60	0.3988	882.7	100,59.2
70	0.0776	0.0662	0.0875	0.0665	0.0803	0.0636	0.0804	0.0575	60- 70	0.1032	882.8	100,59.2
80	0.0481	0.0371	0.0788	0.0355	0.0338	0.0281	0.0556	0.0240	70- 80	0.0564	882.8	100,59.2
90	0	0	0	0	0	0	0	0	80- 90	0.0279	882.8	100,59.2
100	0	0	0	0	0	0	0	0	90-100	0	882.8	100,59.2
110	0	0	0	0	0	0	0	0	100-110	0	882.8	100,59.2
120	0	0	0	0	0	0	0	0	110-120	0	882.8	100,59.2
130	0	0	0	0	0	0	0	0	120-130	0	882.8	100,59.2
140	0	0	0	0	0	0	0	0	130-140	0	882.8	100,59.2
150	0	0	0	0	0	0	0	0	140-150	0	882.8	100,59.2
160	0	0	0	0	0	0	0	0	150-160	0	882.8	100,59.2
170	0	0	0	0	0	0	0	0	160-170	0	882.8	100,59.2
180	0	0	0	0	0	0	0	0	170-180	0	882.8	100,59.2
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

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz
Lamp Flux:1490.38x1 lm

NAME: 2418.102-ACOT-70

TYPE:

WEIGHT:

SPEC.: 3000K

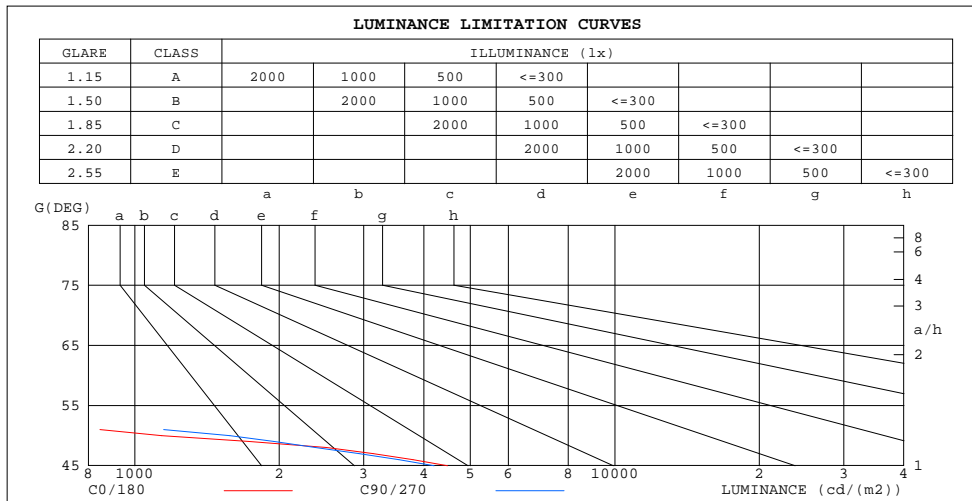
DIM.:

SERIAL No.: 2408070995

MFR.: RISE

SUR.: 0.001024m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	257	665
80	271	443
75	232	303
70	222	250
65	239	263
60	309	314
55	431	442
50	1139	1579
45	4486	4201

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

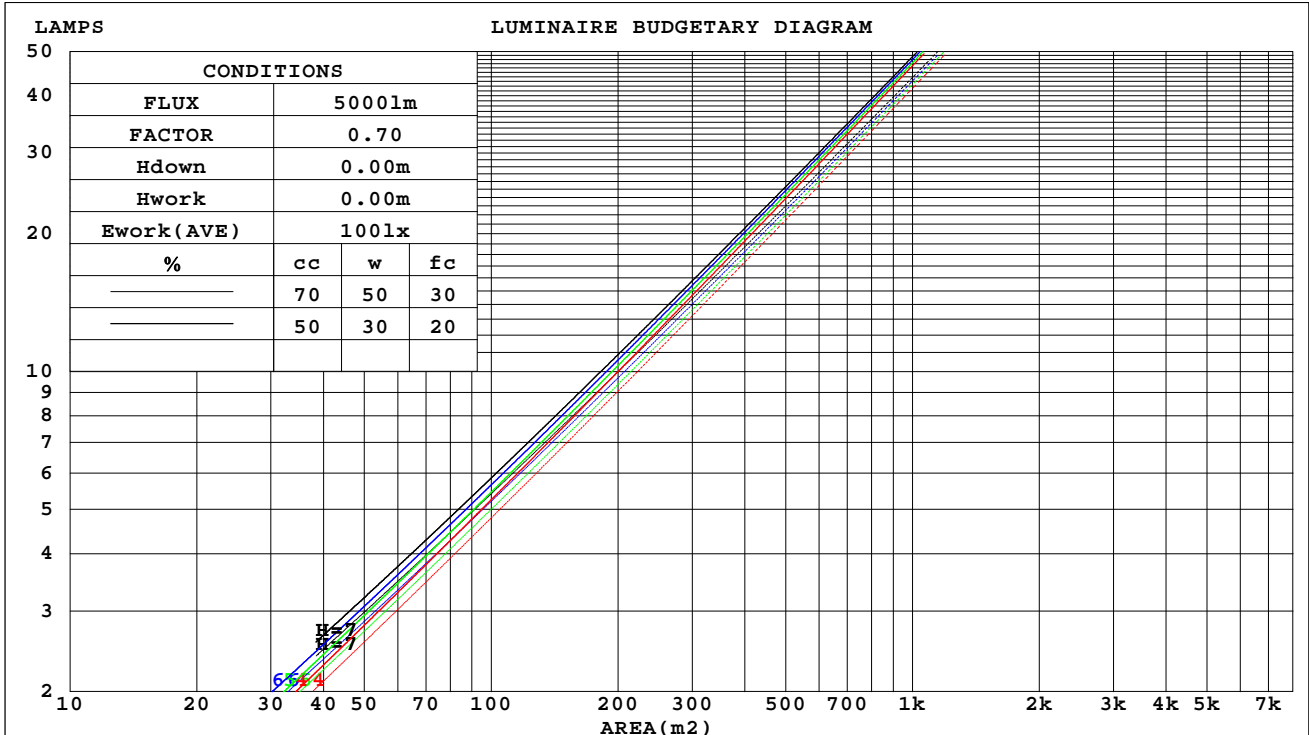
Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:3.160m [K=1.0000]
Remarks: LAMP:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz
Lamp Flux:1490.38x1 lm

NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
MFR.: RISE	SUR.: 0.001024m2	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	.71	.71	.71	.69	.69	.69	.66	.66	.66	.63	.63	.63	.60	.60	.60	.59
1.0	.67	.66	.65	.66	.65	.64	.63	.62	.62	.61	.60	.60	.59	.59	.58	.57
2.0	.64	.62	.60	.63	.61	.60	.61	.60	.59	.59	.58	.57	.58	.57	.56	.55
3.0	.61	.59	.57	.60	.58	.57	.59	.57	.56	.57	.56	.55	.56	.55	.54	.53
4.0	.59	.56	.54	.58	.56	.54	.57	.55	.54	.56	.54	.53	.55	.53	.52	.52
5.0	.56	.54	.52	.56	.54	.52	.55	.53	.51	.54	.52	.51	.53	.52	.51	.50
6.0	.54	.52	.50	.54	.52	.50	.53	.51	.50	.52	.51	.49	.52	.50	.49	.48
7.0	.53	.50	.48	.52	.50	.48	.52	.49	.48	.51	.49	.48	.50	.49	.48	.47
8.0	.51	.48	.47	.51	.48	.47	.50	.48	.46	.50	.48	.46	.49	.47	.46	.46
9.0	.49	.47	.45	.49	.47	.45	.49	.47	.45	.48	.46	.45	.48	.46	.45	.44
10.0	.48	.45	.44	.48	.45	.44	.47	.45	.44	.47	.45	.44	.47	.45	.44	.43



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

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

WEC AND CCEC

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
MFR.: RISE	SUR.: 0.001024m2	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	.081	.046	.015	.077	.044	.014	.070	.040	.013	.063	.037	.012	.057	.033	.011		
2.0	.075	.041	.013	.072	.040	.012	.066	.037	.011	.061	.034	.011	.055	.031	.010		
3.0	.070	.037	.011	.068	.036	.011	.063	.034	.010	.058	.032	.010	.054	.030	.009		
4.0	.066	.034	.010	.064	.033	.010	.060	.032	.009	.056	.030	.009	.052	.028	.009		
5.0	.062	.032	.009	.060	.031	.009	.057	.030	.009	.053	.028	.008	.050	.027	.008		
6.0	.059	.030	.008	.057	.029	.008	.054	.028	.008	.051	.027	.008	.049	.026	.008		
7.0	.056	.028	.008	.055	.027	.008	.052	.026	.008	.050	.025	.007	.047	.025	.007		
8.0	.054	.026	.007	.052	.026	.007	.050	.025	.007	.048	.024	.007	.046	.023	.007		
9.0	.051	.025	.007	.050	.025	.007	.048	.024	.007	.046	.023	.007	.044	.023	.007		
10.0	.049	.024	.007	.048	.023	.007	.047	.023	.006	.045	.022	.006	.043	.022	.006		

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	.113	.113	.113	.096	.096	.096	.066	.066	.066	.038	.038	.038	.012	.012	.012	
1.0	.100	.093	.088	.085	.080	.075	.058	.055	.052	.034	.032	.030	.011	.010	.010	
2.0	.089	.079	.070	.076	.068	.060	.052	.047	.042	.030	.027	.025	.010	.009	.008	
3.0	.080	.067	.057	.069	.058	.049	.047	.040	.034	.027	.023	.020	.009	.008	.007	
4.0	.073	.058	.047	.062	.050	.041	.043	.035	.029	.025	.020	.017	.008	.007	.006	
5.0	.067	.051	.039	.057	.044	.034	.039	.031	.024	.023	.018	.014	.007	.006	.005	
6.0	.061	.045	.033	.053	.039	.029	.036	.027	.020	.021	.016	.012	.007	.005	.004	
7.0	.057	.040	.028	.049	.035	.024	.034	.024	.017	.020	.014	.010	.006	.005	.003	
8.0	.053	.036	.024	.046	.031	.021	.032	.022	.015	.018	.013	.009	.006	.004	.003	
9.0	.050	.033	.021	.043	.028	.018	.030	.020	.013	.017	.012	.008	.006	.004	.003	
10.0	.047	.030	.018	.041	.026	.016	.028	.018	.011	.016	.011	.007	.005	.004	.002	

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

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm										
NAME: 2418.102-ACOT-70					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2408070995		
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	6.6	7.3	6.8	7.5	7.6	6.3	7.0	6.5	7.1	7.3
3H	6.5	7.1	6.7	7.3	7.5	6.2	6.8	6.4	7.0	7.2
4H	6.4	7.0	6.7	7.2	7.4	6.1	6.7	6.4	6.9	7.1
6H	6.3	6.9	6.6	7.1	7.4	6.0	6.6	6.3	6.8	7.0
8H	6.3	6.8	6.6	7.1	7.3	6.0	6.5	6.3	6.8	7.0
12H	6.3	6.8	6.6	7.0	7.3	6.0	6.5	6.3	6.7	7.0
4H 2H	6.4	7.0	6.7	7.2	7.4	6.1	6.7	6.4	6.9	7.1
3H	6.3	6.8	6.6	7.0	7.3	5.9	6.4	6.2	6.7	7.0
4H	6.2	6.6	6.5	6.9	7.2	5.8	6.3	6.2	6.6	6.9
6H	6.1	6.5	6.4	6.8	7.1	5.8	6.2	6.1	6.5	6.8
8H	6.0	6.4	6.4	6.7	7.1	5.7	6.1	6.1	6.4	6.8
12H	6.0	6.3	6.4	6.7	7.1	5.7	6.0	6.1	6.4	6.8
8H 4H	6.0	6.4	6.4	6.7	7.1	5.7	6.1	6.1	6.4	6.8
6H	5.9	6.2	6.3	6.6	7.0	5.6	5.9	6.0	6.3	6.7
8H	5.8	6.1	6.3	6.5	7.0	5.5	5.8	6.0	6.2	6.7
12H	5.8	6.0	6.2	6.5	6.9	5.5	5.7	5.9	6.2	6.6
12H 4H	5.9	6.3	6.3	6.7	7.1	5.6	6.0	6.0	6.4	6.7
6H	5.8	6.1	6.3	6.5	7.0	5.5	5.8	6.0	6.2	6.7
8H	5.8	6.0	6.2	6.5	6.9	5.5	5.7	5.9	6.2	6.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.8 / -13.4					+ 2.8 / -12.1				
1.5H	+ 5.0 / -12.5					+ 5.0 / -11.3				
2.0H	+ 6.6 / - 8.0					+ 6.5 / - 6.5				

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

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

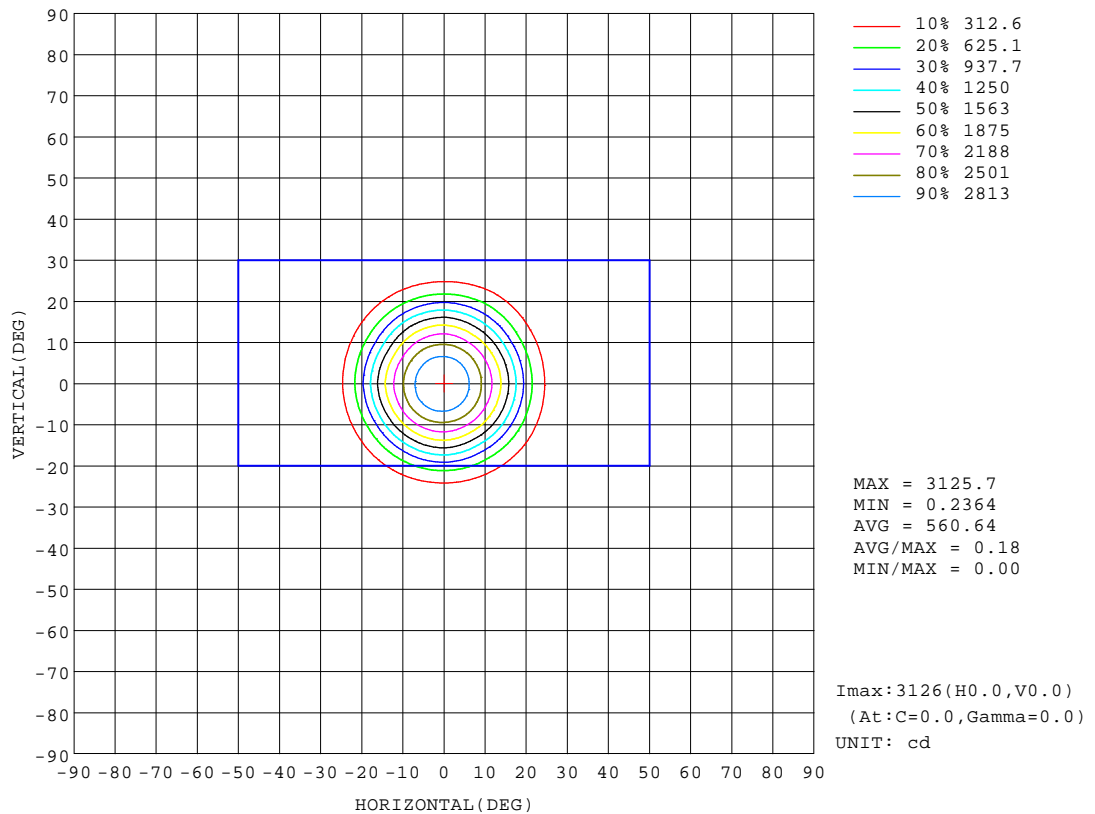
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	51	49	54	51	49	53	50	49	47
0.80	58	55	53	58	55	53	57	55	53	51
1.00	60	57	56	60	57	55	59	57	55	53
1.25	62	60	58	62	59	58	61	59	57	55
1.50	64	61	60	63	61	59	62	60	59	56
2.00	65	63	61	64	62	61	63	61	60	57
2.50	66	64	62	65	63	62	63	62	61	57
3.00	67	65	64	66	64	63	64	63	62	58
4.00	68	66	65	67	65	64	65	64	63	59
5.00	69	67	66	67	66	66	65	64	64	59
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

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

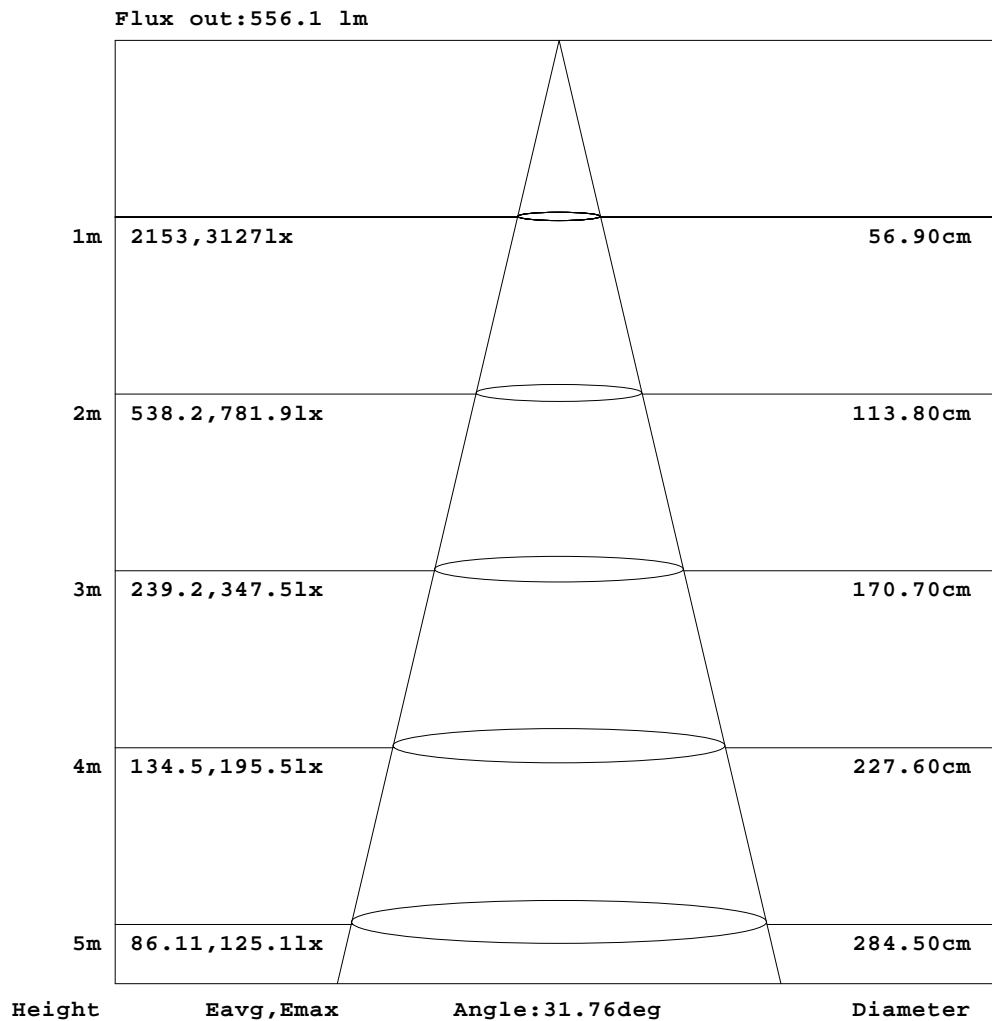


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-8-7

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

AAI Figure

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
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.

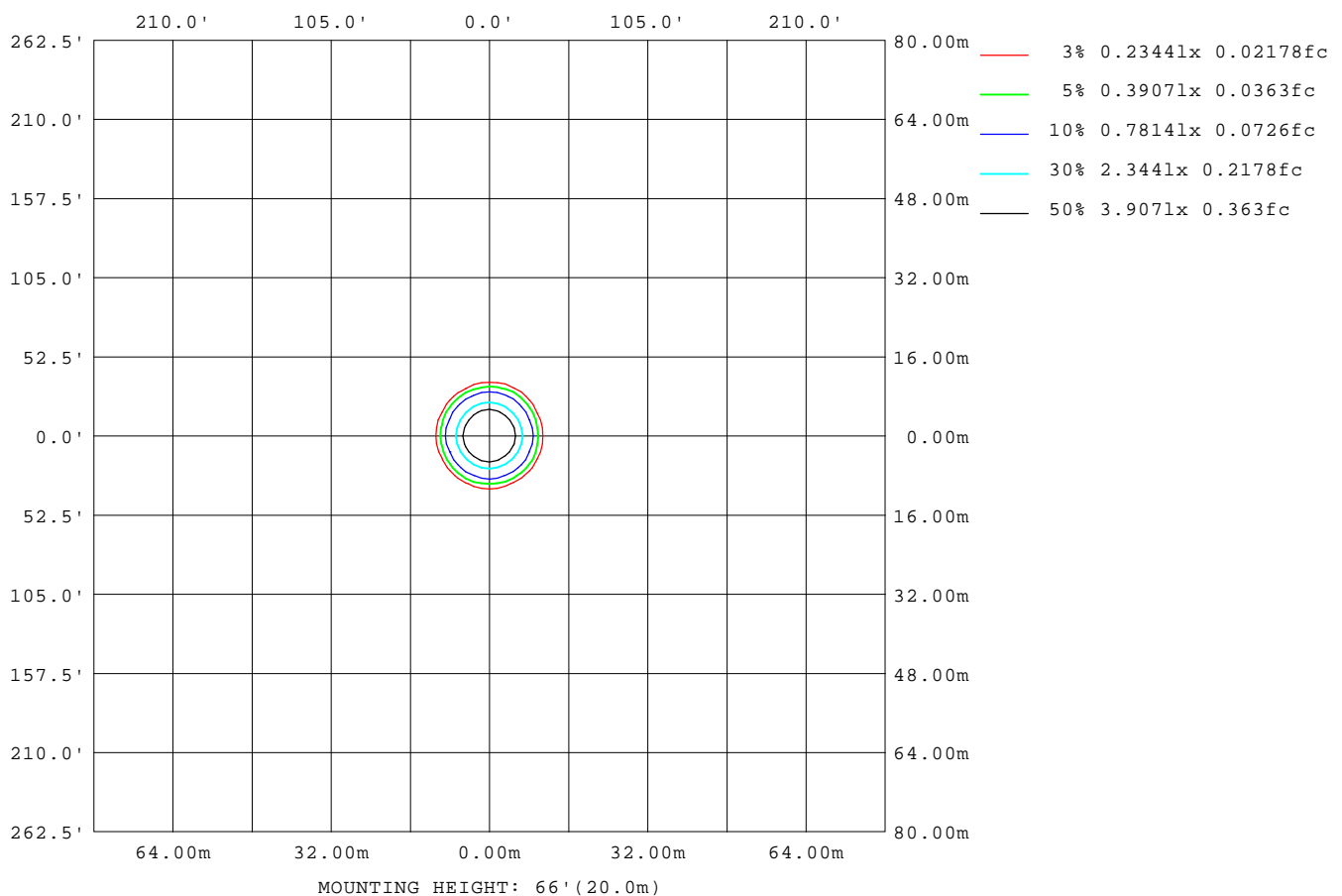
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-8-7

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up



ISOLUX DIAGRAM

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
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

```

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-1082A 24R
          DRIVER: IT FIT 20/200-240/500 CS 350mA
          30minutes warm-up

```

LED Avg.L Report

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

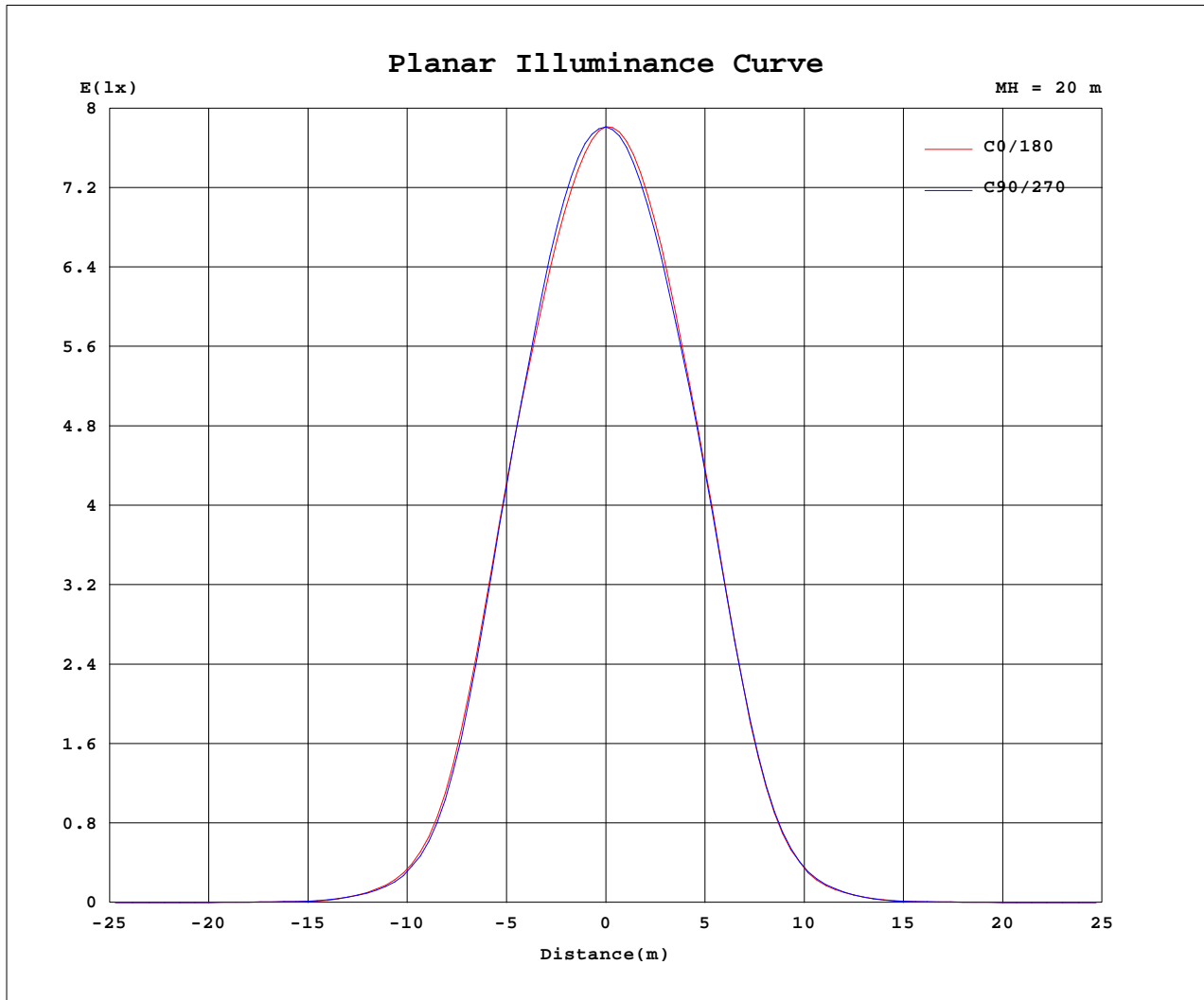
AvgL	cd/m2
L_0~180(65)av	248
L_0~180(75)av	231
L_0~180(85)av	256
L_90~270(65)av	258
L_90~270(75)av	283
L_90~270(85)av	583
L_45(65)av	217
L_45(75)av	162
L_45(85)av	133

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

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-1082A 24R
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

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-1082A 24R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.17V I:0.0645A P:13.802W PF:0.9698 Freq:49.99Hz Lamp Flux:1490.38x1 lm		
NAME: 2418.102-ACOT-70	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408070995
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126						
5	2903	2918	2938	2956	2977	2990	2976	2964	2956	2937	2926	2911						
10	2395	2398	2412	2429	2464	2482	2483	2465	2461	2444	2414	2393						
15	1695	1655	1620	1681	1672	1694	1767	1691	1748	1748	1678	1659						
20	842	797	771	799	799	795	878	843	878	889	859	815						
25	275	277	257	254	262	264	285	290	298	293	312	279						
30	85.3	90.3	83.3	77.4	85.7	81.8	81.7	89.9	87.9	87.0	97.2	90.4						
35	17.7	30.1	28.1	21.5	29.1	28.0	21.7	30.2	27.8	18.6	31.0	27.4						
40	7.43	7.92	7.60	7.23	8.54	7.28	6.68	8.79	7.13	7.03	7.39	6.94						
45	3.25	3.69	3.43	3.04	3.58	3.39	3.08	3.57	3.25	3.03	3.37	3.21						
50	0.75	1.51	1.33	1.04	1.47	1.40	1.13	1.46	1.43	0.87	1.34	1.31						
55	0.25	0.31	0.33	0.26	0.36	0.37	0.27	0.41	0.31	0.26	0.33	0.30						
60	0.16	0.15	0.15	0.16	0.15	0.16	0.17	0.16	0.16	0.17	0.15	0.15						
65	0.10	0.09	0.09	0.11	0.10	0.10	0.11	0.10	0.10	0.11	0.09	0.09						
70	0.08	0.06	0.07	0.09	0.07	0.07	0.08	0.06	0.06	0.08	0.06	0.06						
75	0.06	0.05	0.05	0.08	0.05	0.05	0.06	0.04	0.04	0.07	0.04	0.04						
80	0.05	0.04	0.04	0.08	0.04	0.03	0.03	0.02	0.03	0.06	0.02	0.03						
85	0.02	0.02	0.02	0.06	0.02	0.01	0.02	0.01	0.02	0.04	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:2024-8-7

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-1082A 24R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up