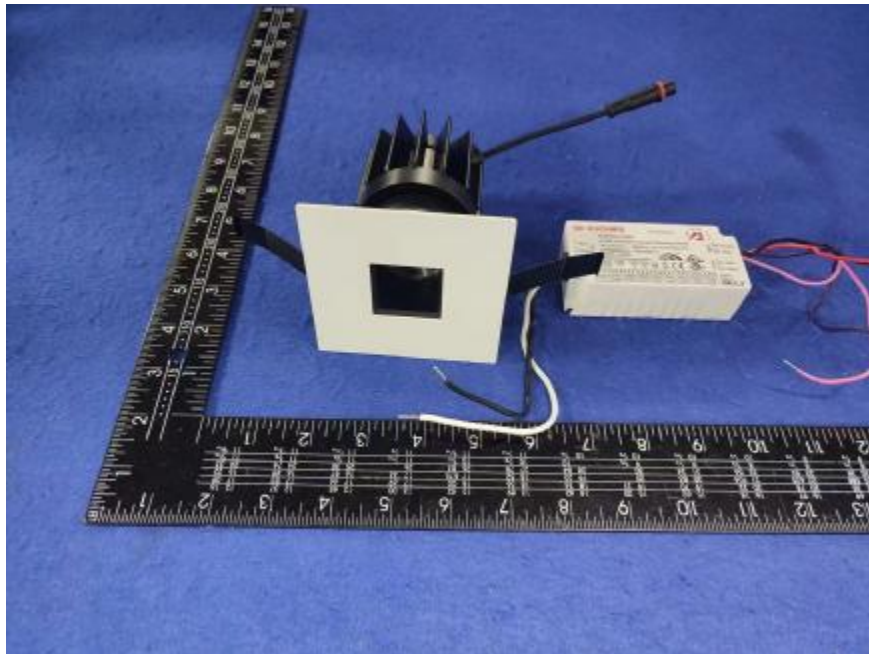


Luminaire Photograph



Light Output Ratio:	46.4%	
Luminaire Power:	18.65 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: 2024-7-15

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-1082 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

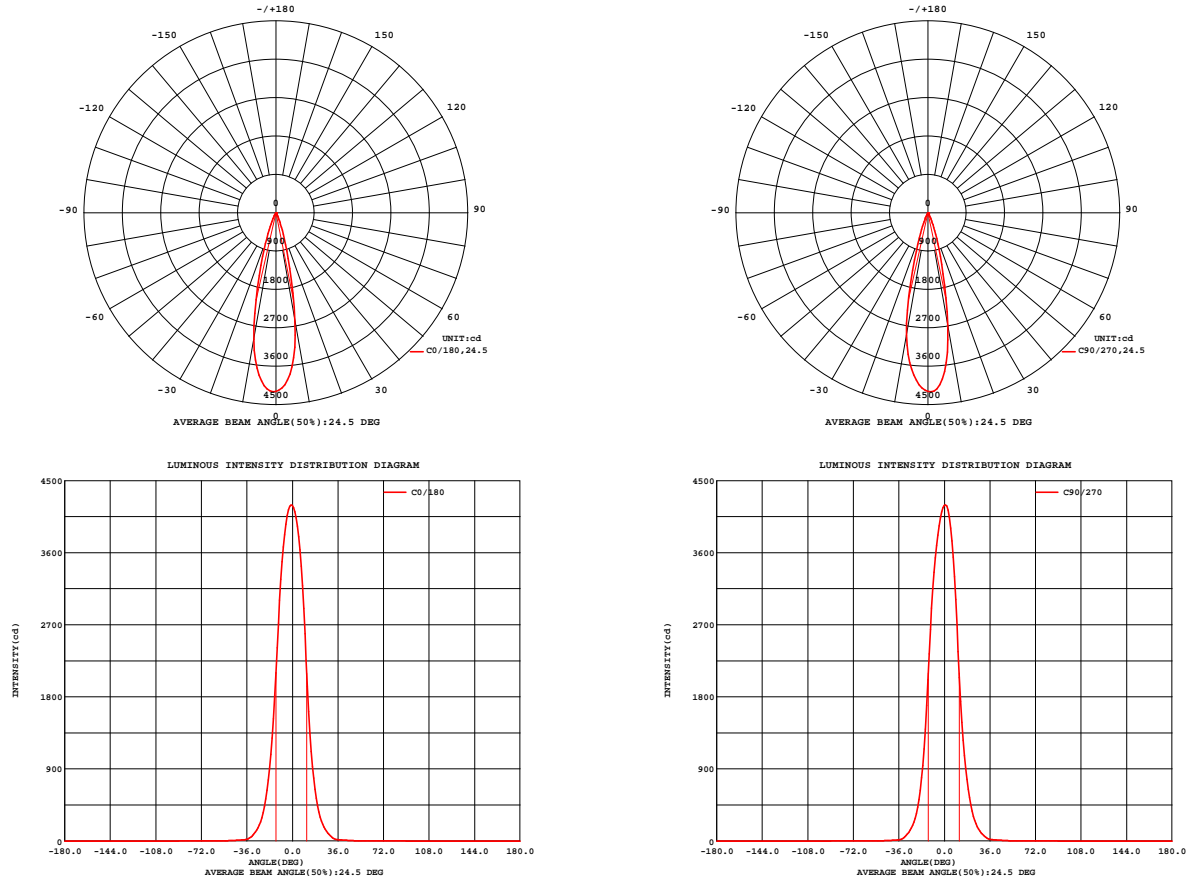


Fig. C0/C180

Fig. C90/C270

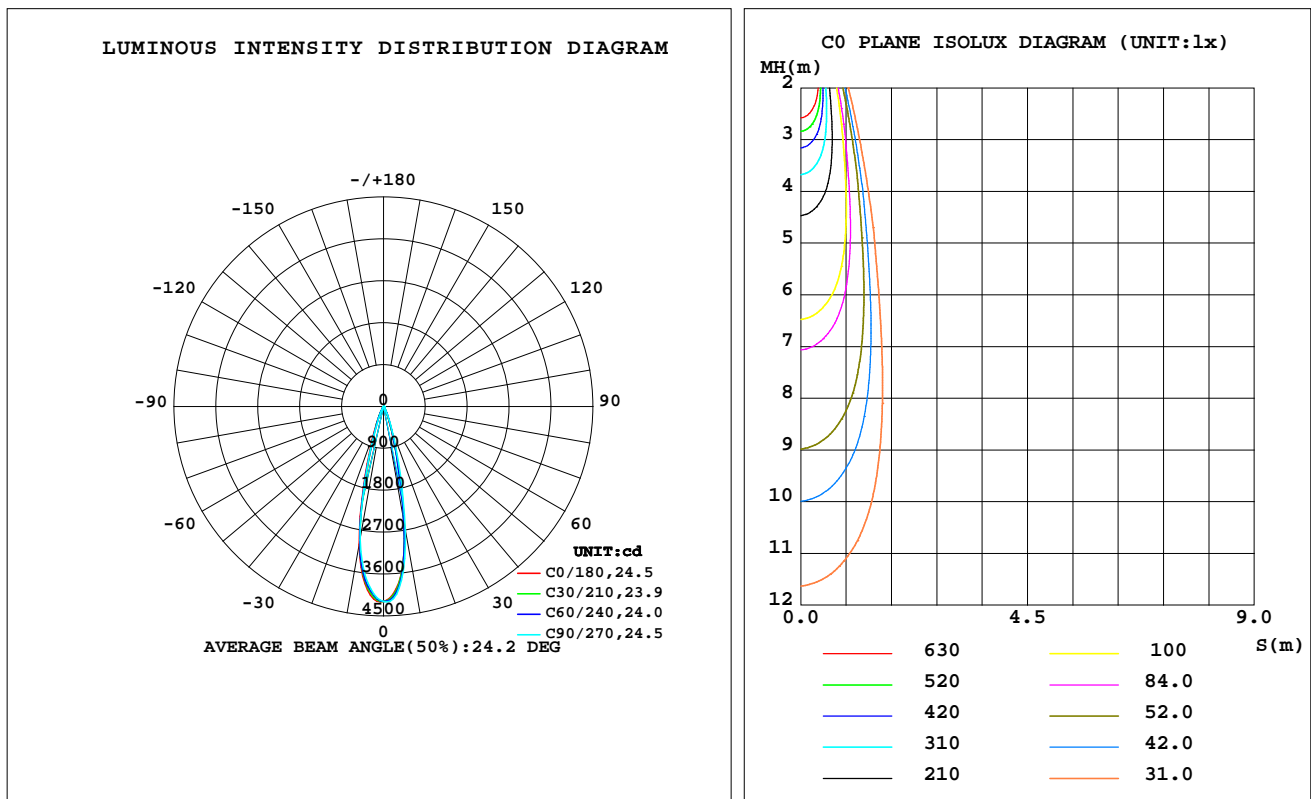
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-15

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-1082 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 44.93 lm/W			
MODEL	Brideglux	Imax(cd)	4205	S/MH(C0/180)	0.42
NOMINAL POWER(W)	18	LOR(%)	46.4	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	838.01	UP,DN(C0-180)	0.0,22.7
NOMINAL FLUX(lm)	1805.61	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,23.7
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	down(%)	46.4	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	2586	2521	2697	2854	3008	2956	2909	2640	0- 10	334.7	334.7	39.9,18.5
20	438.9	455.2	541.5	571.7	634.9	550.8	516.2	448.9	10- 20	363.8	698.5	83.4,38.7
30	64.29	87.33	85.08	110.6	92.05	102.7	68.67	82.86	20- 30	108.8	807.3	96.3,44.7
40	11.47	11.94	13.40	15.51	12.62	12.46	9.531	10.21	30- 40	22.99	830.3	99.1,46
50	2.682	4.096	4.185	5.054	4.120	4.269	2.412	3.350	40- 50	5.785	836.1	99.8,46.3
60	0.3755	0.5410	0.4358	0.7057	0.6773	0.7854	0.4513	0.4139	50- 60	1.541	837.6	100,46.4
70	0.1720	0.1327	0.0596	0.0371	0.0957	0.1950	0.1658	0.1224	60- 70	0.2455	837.9	100,46.4
80	0.0760	0.0371	0.0559	0.0287	0.0653	0.0585	0.0703	0.0385	70- 80	0.0927	838.0	100,46.4
90	0	0	0	0	0	0	0	0	80- 90	0.0267	838.0	100,46.4
100	0	0	0	0	0	0	0	0	90-100	0	838.0	100,46.4
110	0	0	0	0	0	0	0	0	100-110	0	838.0	100,46.4
120	0	0	0	0	0	0	0	0	110-120	0	838.0	100,46.4
130	0	0	0	0	0	0	0	0	120-130	0	838.0	100,46.4
140	0	0	0	0	0	0	0	0	130-140	0	838.0	100,46.4
150	0	0	0	0	0	0	0	0	140-150	0	838.0	100,46.4
160	0	0	0	0	0	0	0	0	150-160	0	838.0	100,46.4
170	0	0	0	0	0	0	0	0	160-170	0	838.0	100,46.4
180	0	0	0	0	0	0	0	0	170-180	0	838.0	100,46.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz
Lamp Flux:1805.6lx1 lm

NAME: 2418.108-LEA-14

TYPE:

WEIGHT:

SPEC.: 3000K

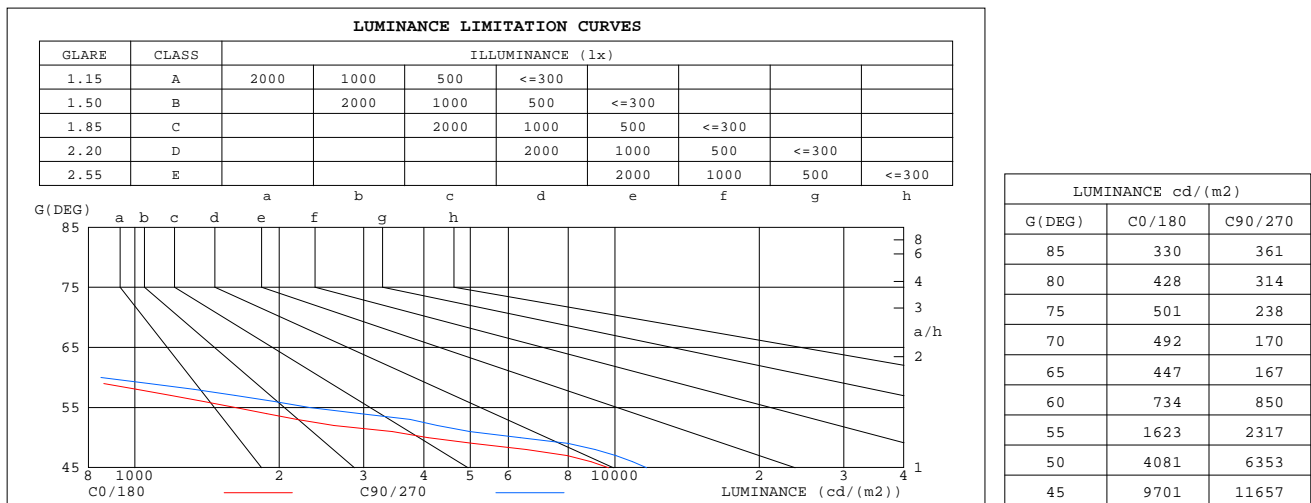
DIM.:

SERIAL No.: 2407150873

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:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz
Lamp Flux:1805.61lx1 lm

NAME: 2418.108-LEA-14

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

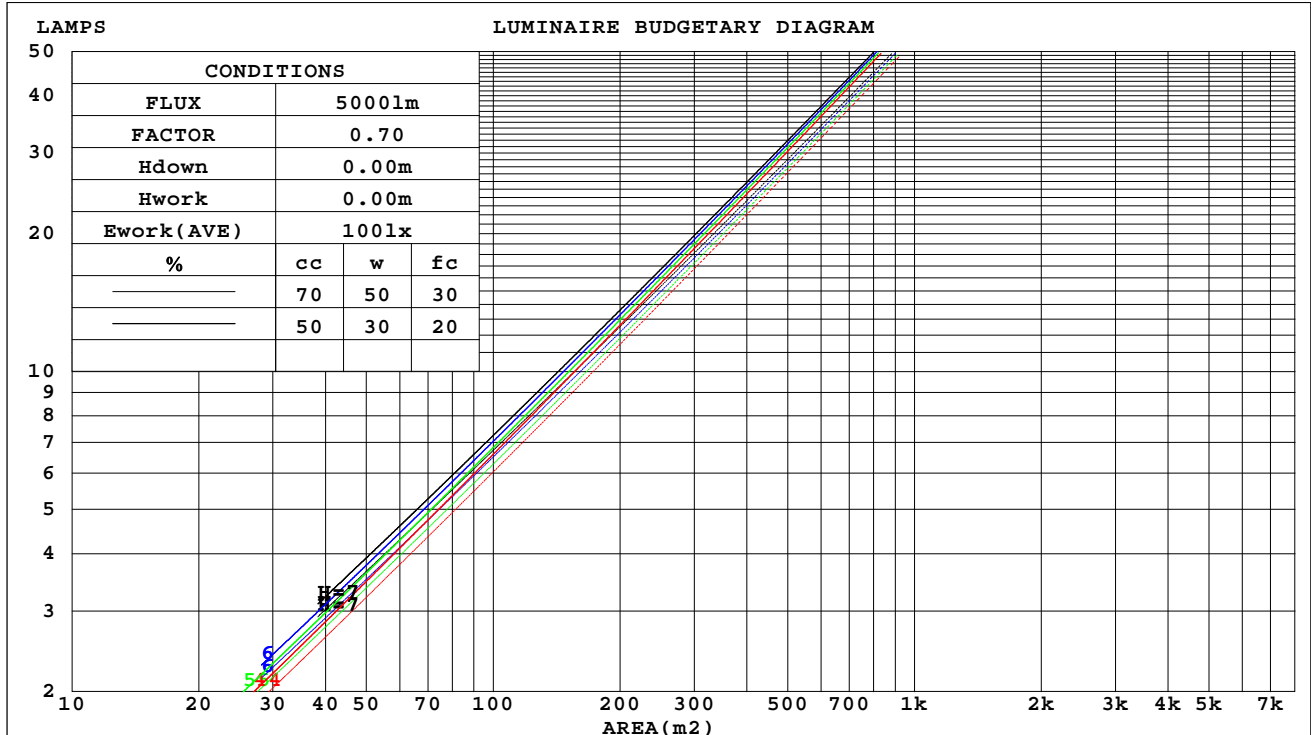
SERIAL No.: 2407150873

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	.55	.55	.55	.54	.54	.54	.52	.52	.52	.49	.49	.49	.47	.47	.47	.46
1.0	.53	.52	.51	.52	.51	.50	.50	.49	.49	.48	.48	.47	.46	.46	.46	.45
2.0	.50	.49	.48	.49	.48	.47	.48	.47	.46	.47	.46	.45	.45	.45	.44	.44
3.0	.48	.47	.45	.48	.46	.45	.46	.45	.44	.45	.44	.44	.44	.44	.43	.42
4.0	.46	.45	.43	.46	.44	.43	.45	.44	.43	.44	.43	.42	.43	.42	.42	.41
5.0	.45	.43	.42	.44	.43	.42	.44	.42	.41	.43	.42	.41	.42	.41	.41	.40
6.0	.43	.42	.40	.43	.41	.40	.43	.41	.40	.42	.41	.40	.41	.40	.39	.39
7.0	.42	.40	.39	.42	.40	.39	.41	.40	.39	.41	.40	.39	.40	.39	.38	.38
8.0	.41	.39	.38	.41	.39	.38	.40	.39	.38	.40	.39	.38	.40	.38	.37	.37
9.0	.40	.38	.37	.40	.38	.37	.39	.38	.37	.39	.38	.37	.39	.37	.37	.36
10.0	.39	.37	.36	.39	.37	.36	.38	.37	.36	.38	.37	.36	.38	.37	.36	.35



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up



WEC AND CCEC

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
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 Coeffcients(WEC)									
0.0																
1.0	.061	.035	.011	.058	.033	.011	.052	.030	.010	.047	.027	.009	.042	.024	.008	
2.0	.056	.031	.009	.054	.030	.009	.049	.027	.009	.045	.025	.008	.041	.023	.007	
3.0	.052	.028	.008	.050	.027	.008	.046	.025	.008	.043	.023	.007	.039	.022	.007	
4.0	.049	.026	.008	.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	.036	.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	.033	.016	.005	.031	.016	.005	

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	.088	.088	.088	.076	.076	.076	.052	.052	.052	.030	.030	.030	.009	.009	.009	
1.0	.078	.073	.069	.067	.063	.059	.046	.043	.041	.026	.025	.024	.008	.008	.008	
2.0	.069	.062	.055	.059	.053	.048	.041	.037	.033	.023	.021	.019	.008	.007	.006	
3.0	.062	.053	.045	.053	.045	.039	.037	.031	.027	.021	.018	.016	.007	.006	.005	
4.0	.056	.045	.037	.048	.039	.032	.033	.027	.023	.019	.016	.013	.006	.005	.004	
5.0	.051	.040	.031	.044	.034	.027	.030	.024	.019	.018	.014	.011	.006	.005	.004	
6.0	.047	.035	.026	.041	.030	.023	.028	.021	.016	.016	.012	.010	.005	.004	.003	
7.0	.044	.031	.022	.038	.027	.019	.026	.019	.014	.015	.011	.008	.005	.004	.003	
8.0	.041	.028	.019	.035	.024	.017	.024	.017	.012	.014	.010	.007	.005	.003	.002	
9.0	.038	.025	.017	.033	.022	.015	.023	.015	.010	.013	.009	.006	.004	.003	.002	
10.0	.036	.023	.015	.031	.020	.013	.021	.014	.009	.012	.008	.005	.004	.003	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm										
NAME: 2418.108-LEA-14					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407150873		
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	6.4	7.0	6.6	7.2	7.3	7.9	8.5	8.1	8.6	8.8
3H	6.3	6.8	6.5	7.0	7.2	7.7	8.3	8.0	8.5	8.7
4H	6.2	6.7	6.5	7.0	7.2	7.6	8.2	7.9	8.4	8.6
6H	6.1	6.6	6.4	6.9	7.1	7.6	8.1	7.8	8.3	8.5
8H	6.1	6.6	6.4	6.8	7.1	7.5	8.0	7.8	8.3	8.5
12H	6.0	6.5	6.3	6.8	7.0	7.5	8.0	7.8	8.2	8.5
4H 2H	6.2	6.8	6.5	7.0	7.2	7.7	8.2	7.9	8.4	8.6
3H	6.0	6.5	6.4	6.8	7.1	7.5	8.0	7.8	8.2	8.5
4H	6.0	6.4	6.3	6.7	7.0	7.4	7.8	7.7	8.1	8.4
6H	5.9	6.3	6.2	6.6	6.9	7.3	7.7	7.7	8.0	8.3
8H	5.8	6.2	6.2	6.5	6.9	7.2	7.6	7.6	7.9	8.3
12H	5.8	6.1	6.2	6.5	6.8	7.2	7.5	7.6	7.9	8.3
8H 4H	5.8	6.2	6.2	6.5	6.9	7.2	7.6	7.6	7.9	8.3
6H	5.7	6.0	6.1	6.4	6.8	7.1	7.4	7.5	7.8	8.2
8H	5.6	5.9	6.1	6.3	6.8	7.1	7.3	7.5	7.7	8.2
12H	5.6	5.8	6.0	6.3	6.7	7.0	7.2	7.5	7.7	8.1
12H 4H	5.7	6.1	6.2	6.5	6.8	7.2	7.5	7.6	7.9	8.3
6H	5.6	5.9	6.1	6.3	6.8	7.1	7.3	7.5	7.7	8.2
8H	5.6	5.8	6.0	6.3	6.7	7.0	7.2	7.5	7.7	8.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.6 / - 9.8					+ 2.8 / -10.5				
1.5H	+ 3.6 / - 7.1					+ 4.0 / - 7.0				
2.0H	+ 6.0 / - 9.0					+ 6.1 / -11.8				

CIE Pub.117, 1806 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.1)
Area: 0.001024 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

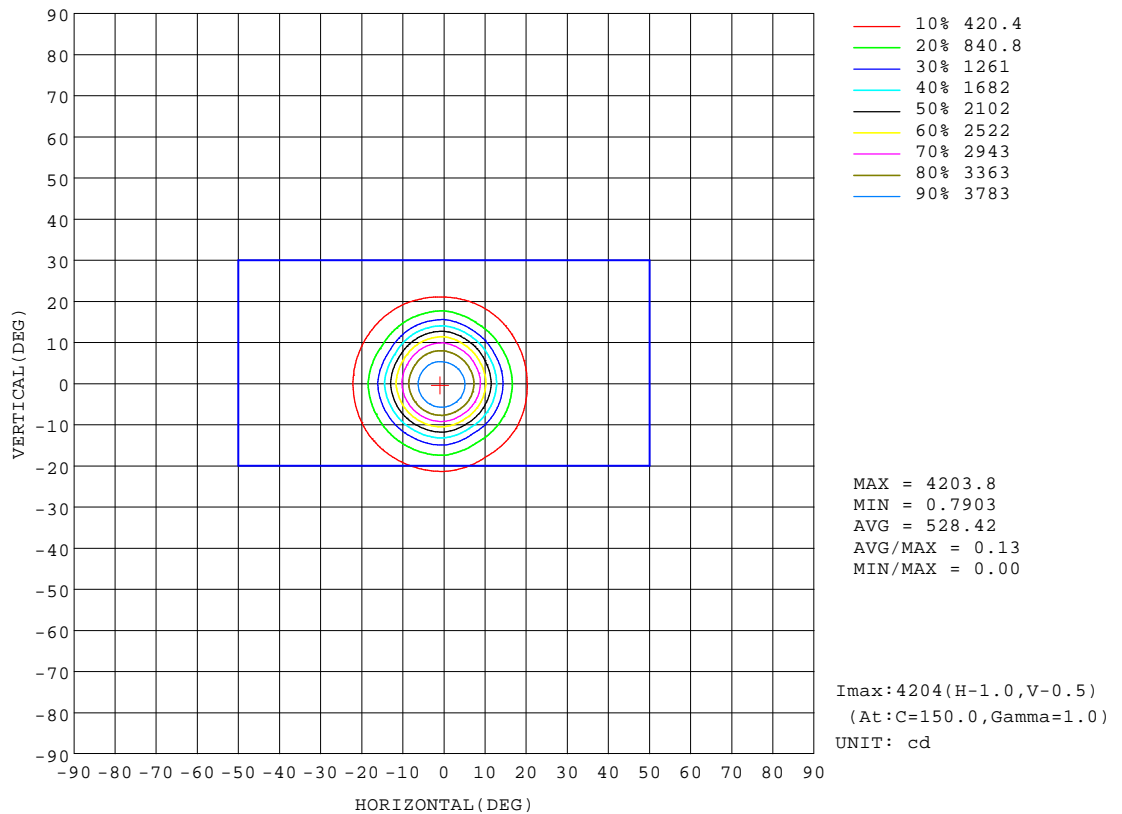
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	42	40	38	42	40	38	42	39	38	36
0.80	45	43	42	45	43	41	45	43	41	40
1.00	47	45	43	47	45	43	46	45	43	41
1.25	49	47	45	48	46	45	48	46	45	43
1.50	50	48	47	49	48	46	48	47	46	44
2.00	51	49	48	50	49	48	49	48	47	45
2.50	52	50	49	51	50	48	50	48	48	45
3.00	52	51	50	51	50	49	50	49	48	45
4.00	53	52	51	52	51	50	51	50	49	46
5.00	54	53	52	53	52	51	51	50	50	46
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:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

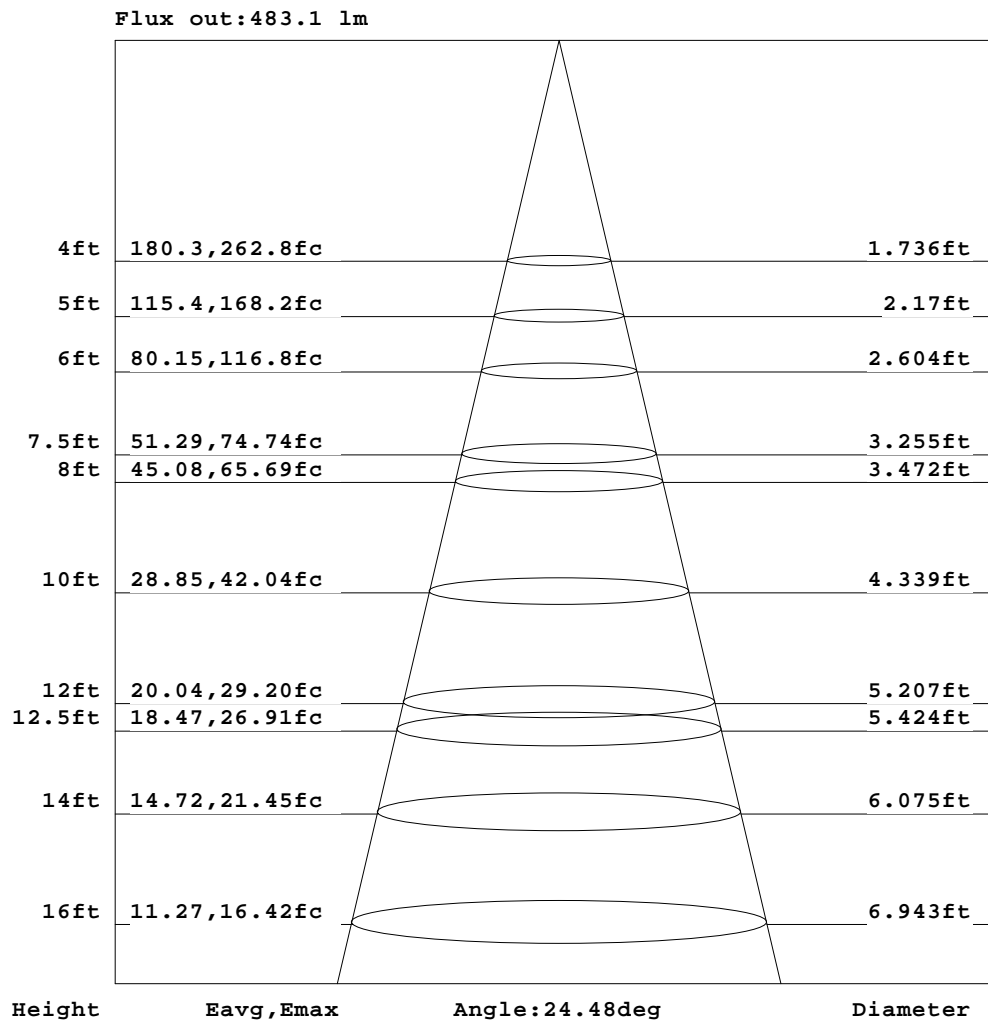


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-15

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-1082 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

AAI Figure

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:



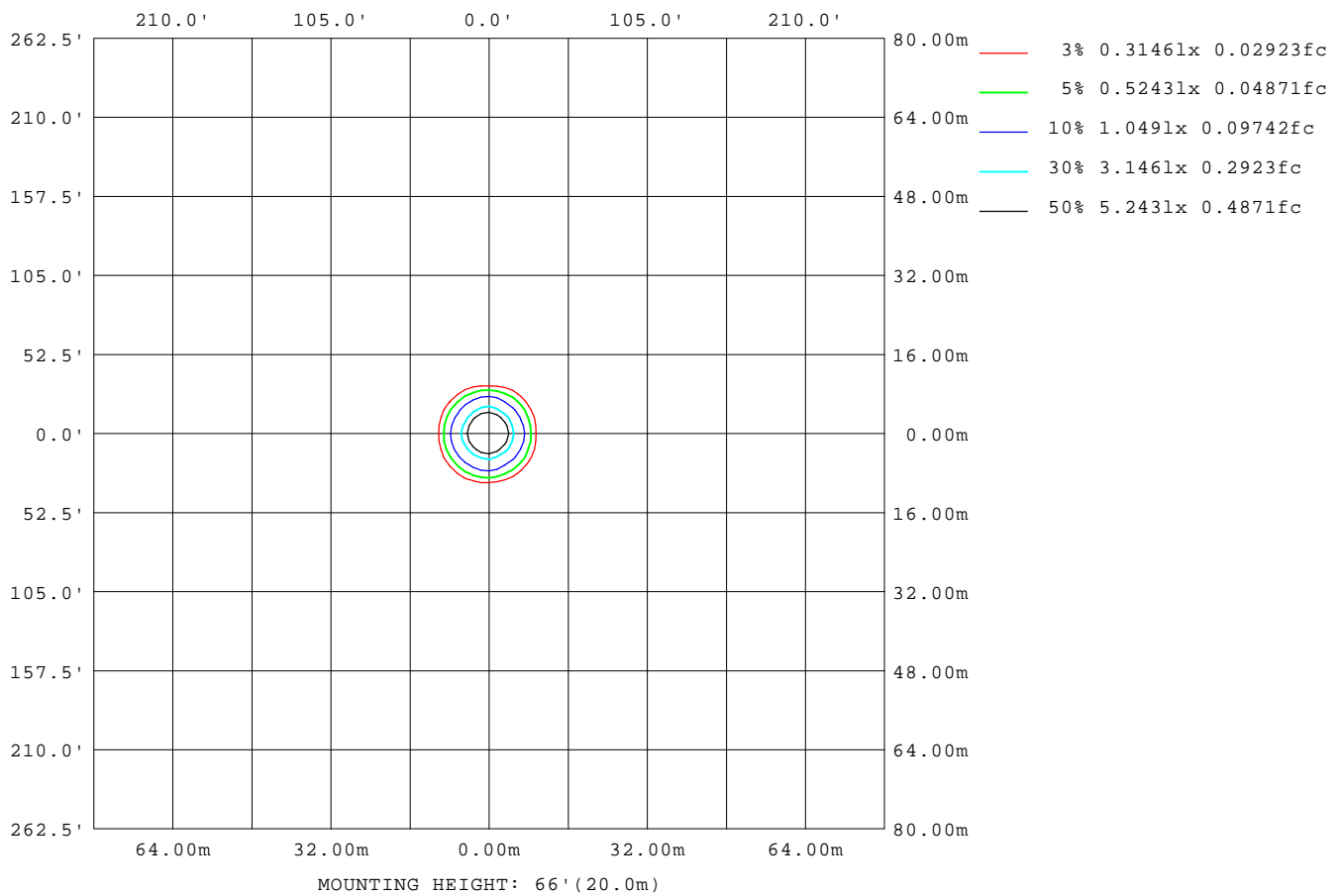
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-15

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-1082 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
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: 2024-7-15

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-1082 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LED Avg.L Report

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

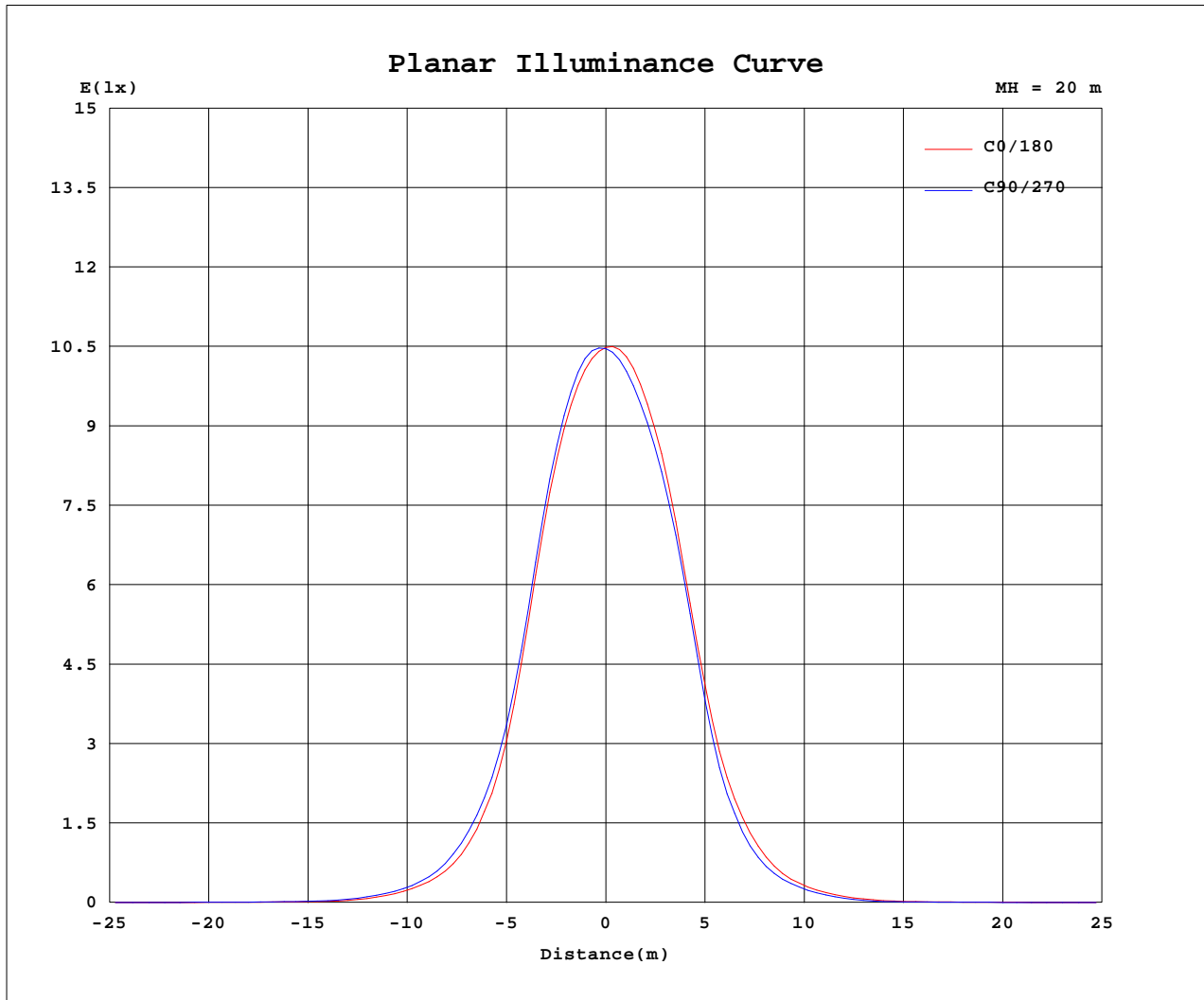
AvgL	cd/m2
L_0~180(65)av	408
L_0~180(75)av	402
L_0~180(85)av	416
L_90~270(65)av	303
L_90~270(75)av	351
L_90~270(85)av	370
L_45(65)av	525
L_45(75)av	307
L_45(85)av	103

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-15

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-1082 15R
DRIVER:PUP20A-1WMC 450mA
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: 2024-7-15

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-1082 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.1561A P:18.650W PF:0.9940 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150873
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	4189	4189	4189	4189	4189	4189	4189	4189	4189	4189	4189	4189						
5	3797	3821	3864	3908	3945	3965	3955	3919	3873	3818	3781	3771						
10	2586	2520	2522	2697	2791	2916	3008	2953	2958	2909	2706	2574						
15	1118	1092	1064	1257	1286	1392	1527	1354	1415	1398	1163	1079						
20	439	461	450	542	551	592	635	552	550	516	463	434						
25	176	203	214	218	249	261	239	259	234	195	217	198						
30	64.3	83.0	91.6	85.1	109	112	92.1	109	96.0	68.7	85.4	80.3						
35	19.0	30.9	36.5	27.7	44.4	44.5	27.7	41.1	32.7	16.2	29.2	27.7						
40	11.5	11.3	12.6	13.4	15.7	15.3	12.6	13.9	11.0	9.53	9.67	10.8						
45	7.01	6.76	7.48	8.45	9.10	8.46	7.93	8.39	7.16	5.47	5.57	6.79						
50	2.68	3.79	4.40	4.19	5.31	4.80	4.12	4.90	3.63	2.41	2.87	3.83						
55	0.95	1.38	1.69	1.36	1.91	2.07	1.73	1.88	1.45	1.05	1.05	1.00						
60	0.38	0.54	0.54	0.44	0.63	0.78	0.68	0.87	0.70	0.45	0.44	0.39						
65	0.19	0.24	0.17	0.07	0.14	0.20	0.16	0.36	0.32	0.19	0.18	0.16						
70	0.17	0.17	0.10	0.06	0.04	0.04	0.10	0.19	0.20	0.17	0.12	0.12						
75	0.13	0.11	0.07	0.06	0.04	0.04	0.08	0.12	0.13	0.12	0.09	0.09						
80	0.08	0.04	0.03	0.06	0.03	0.03	0.07	0.05	0.06	0.07	0.04	0.04						
85	0.03	0.01	0.01	0.03	0.01	0.02	0.04	0.01	0.01	0.03	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						

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