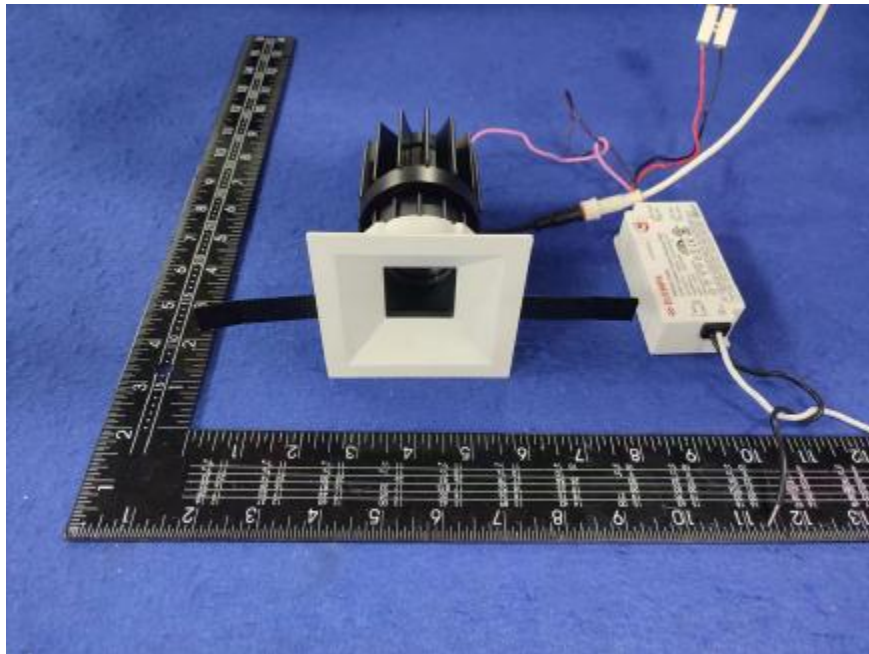


Luminaire Photograph



Light Output Ratio:	61.6%	
Luminaire Power:	18.88 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: 2024-7-20

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-1082A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

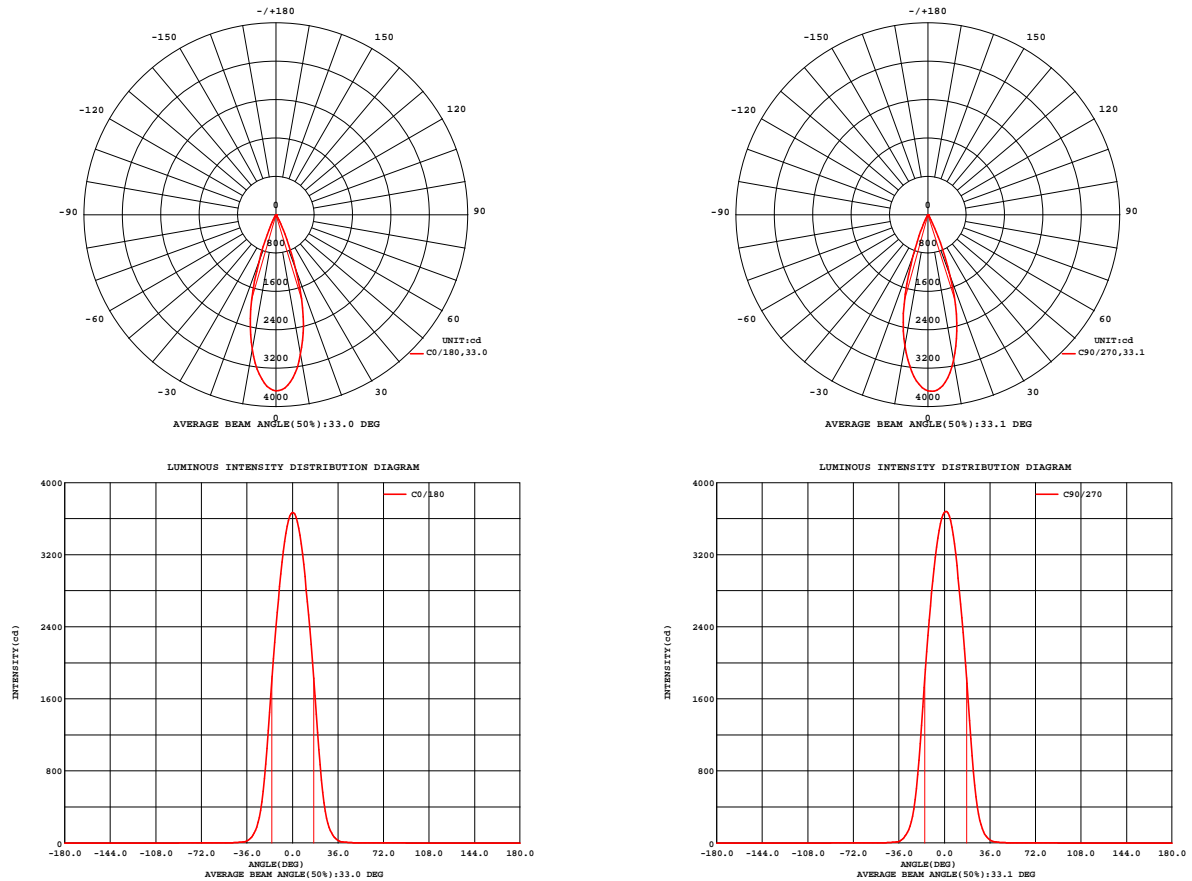


Fig. C0/C180

Fig. C90/C270

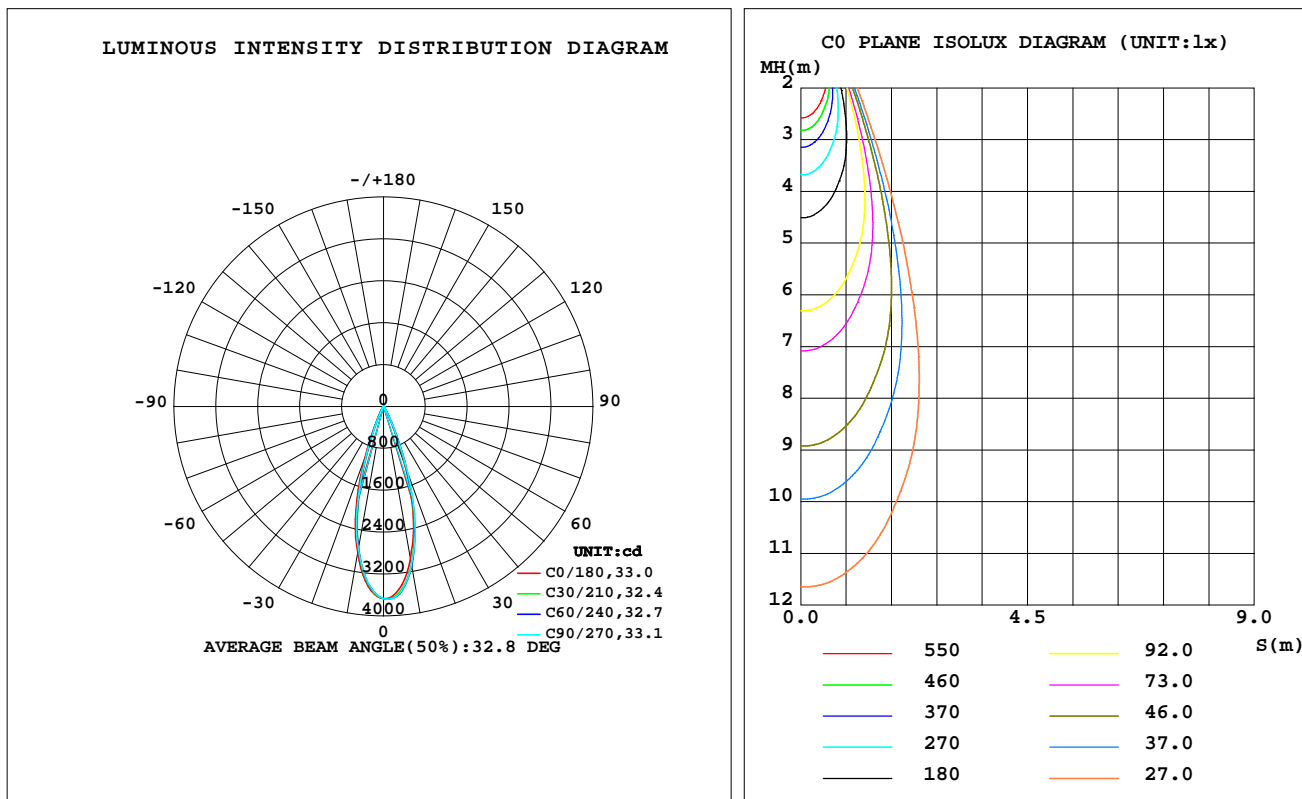
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-20

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-1082A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.95 lm/W			
MODEL	Brideglux	I _{max} (cd)	3679	S/MH(C0/180)	0.51
NOMINAL POWER(W)	18	LOR(%)	61.6	S/MH(C90/270)	0.49
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1113.0	η UP,DN(C0-180)	0.0,33.2
NOMINAL FLUX(lm)	1805.61	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,28.4
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	61.6	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
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	2956	3083	3077	2961	2846	2762	2773	2828	0- 10	313.6	313.6	28.2,17.4
20	1228	1315	1358	1157	1051	904.8	916.9	996.1	10- 20	555.5	869.1	78.1,48.1
30	137.7	165.1	156.4	136.1	110.8	104.8	94.50	111.7	20- 30	207.7	1077	96.7,59.6
40	12.02	18.72	12.80	14.49	9.756	10.08	9.180	11.48	30- 40	30.93	1108	99.5,61.3
50	2.138	2.851	2.338	2.384	1.543	1.824	1.159	1.995	40- 50	4.429	1112	99.9,61.6
60	0.2064	0.2473	0.2409	0.2265	0.1702	0.1613	0.1485	0.1867	50- 60	0.6732	1113	100,61.6
70	0.0725	0.0728	0.0820	0.0663	0.0618	0.0525	0.0512	0.0517	60- 70	0.1160	1113	100,61.6
80	0.0388	0.0200	0.0279	0.0198	0.0423	0.0225	0.0294	0.0169	70- 80	0.0371	1113	100,61.6
90	0	0	0	0	0	0	0	0	80- 90	0.0217	1113	100,61.6
100	0	0	0	0	0	0	0	0	90-100	0	1113	100,61.6
110	0	0	0	0	0	0	0	0	100-110	0	1113	100,61.6
120	0	0	0	0	0	0	0	0	110-120	0	1113	100,61.6
130	0	0	0	0	0	0	0	0	120-130	0	1113	100,61.6
140	0	0	0	0	0	0	0	0	130-140	0	1113	100,61.6
150	0	0	0	0	0	0	0	0	140-150	0	1113	100,61.6
160	0	0	0	0	0	0	0	0	150-160	0	1113	100,61.6
170	0	0	0	0	0	0	0	0	160-170	0	1113	100,61.6
180	0	0	0	0	0	0	0	0	170-180	0	1113	100,61.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz
Lamp Flux:1805.6lx1 lm

NAME: 2418.103-LEA-14

TYPE:

WEIGHT:

SPEC.: 3000K

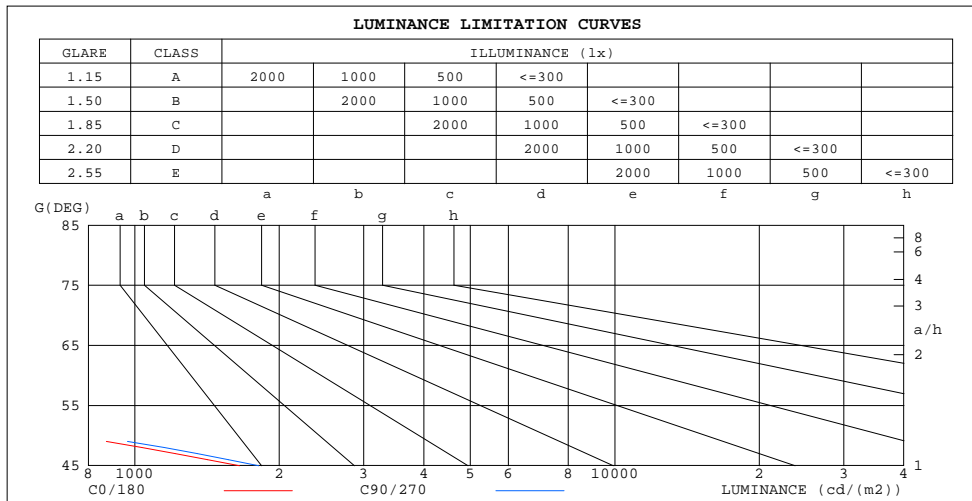
DIM.:

SERIAL No.: 2407200927

MFR.: RISE

SUR.: 0.004624m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	83	72
80	48	35
75	31	25
70	46	52
65	59	68
60	89	104
55	153	186
50	718	787
45	1652	1812

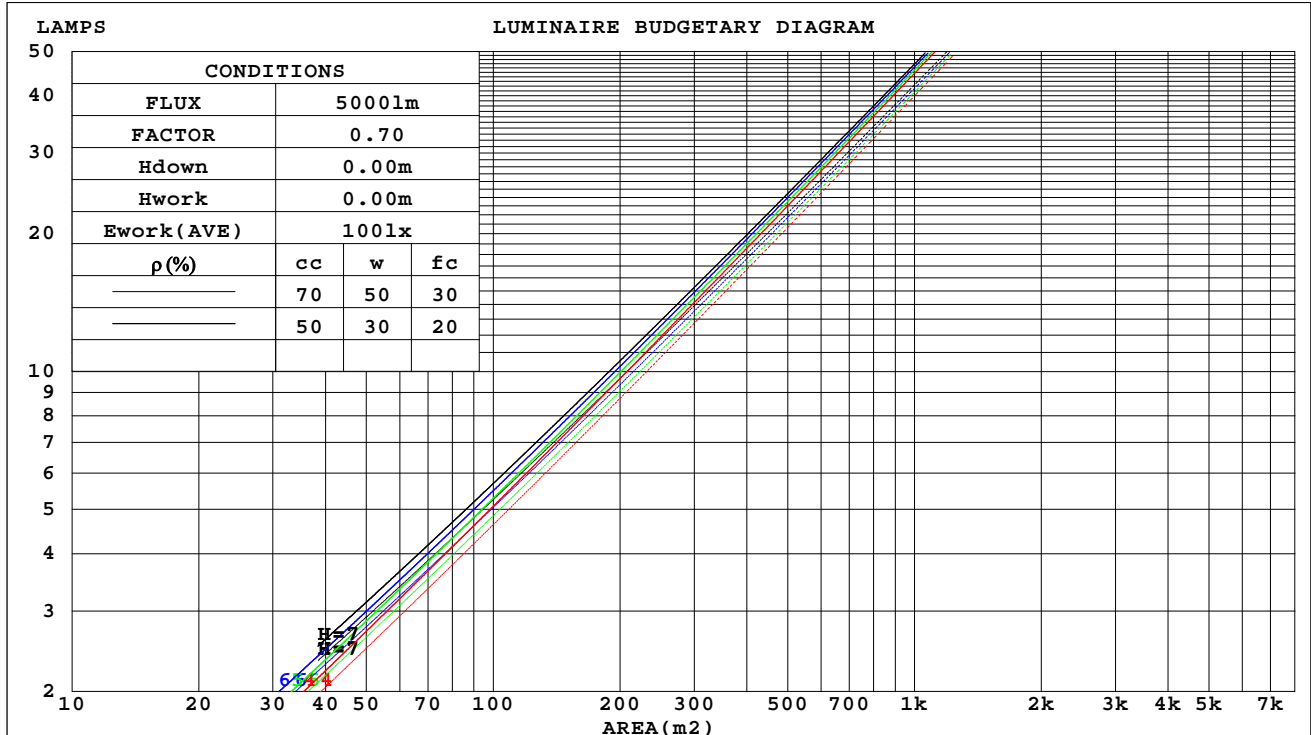
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.61lx1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
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	.73	.73	.73	.72	.72	.72	.68	.68	.68	.66	.66	.66	.63	.63	.63	.62
1.0	.70	.68	.67	.68	.67	.66	.66	.65	.64	.63	.63	.62	.61	.61	.60	.59
2.0	.66	.64	.63	.65	.63	.62	.63	.62	.61	.61	.60	.59	.60	.59	.58	.57
3.0	.63	.61	.59	.62	.60	.59	.61	.59	.58	.59	.58	.57	.58	.57	.56	.55
4.0	.61	.58	.56	.60	.58	.56	.59	.57	.55	.58	.56	.55	.57	.55	.54	.53
5.0	.58	.56	.54	.58	.55	.54	.57	.55	.53	.56	.54	.53	.55	.53	.52	.52
6.0	.56	.53	.52	.56	.53	.51	.55	.53	.51	.54	.52	.51	.53	.52	.50	.50
7.0	.54	.52	.50	.54	.51	.50	.53	.51	.49	.52	.51	.49	.52	.50	.49	.48
8.0	.52	.50	.48	.52	.50	.48	.51	.49	.48	.51	.49	.47	.50	.49	.47	.47
9.0	.51	.48	.46	.50	.48	.46	.50	.48	.46	.49	.47	.46	.49	.47	.46	.45
10.0	.49	.47	.45	.49	.46	.45	.48	.46	.45	.48	.46	.45	.48	.46	.44	.44



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

WEC AND CCEC

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
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	.086	.049	.015	.082	.047	.015	.074	.043	.014	.067	.039	.012	.061	.035	.011	
2.0	.080	.044	.013	.077	.042	.013	.070	.039	.012	.064	.036	.011	.059	.033	.011	
3.0	.075	.040	.012	.072	.038	.012	.067	.036	.011	.062	.034	.010	.057	.032	.010	
4.0	.070	.036	.011	.068	.035	.010	.063	.034	.010	.059	.032	.010	.055	.030	.009	
5.0	.066	.034	.010	.064	.033	.010	.061	.032	.009	.057	.030	.009	.054	.029	.009	
6.0	.063	.032	.009	.061	.031	.009	.058	.030	.009	.055	.029	.008	.052	.027	.008	
7.0	.060	.030	.008	.058	.029	.008	.056	.028	.008	.053	.027	.008	.050	.026	.008	
8.0	.057	.028	.008	.056	.028	.008	.053	.027	.008	.051	.026	.007	.049	.025	.007	
9.0	.055	.027	.007	.054	.026	.007	.052	.025	.007	.049	.025	.007	.047	.024	.007	
10.0	.053	.025	.007	.052	.025	.007	.050	.024	.007	.048	.024	.007	.046	.023	.007	

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	.117	.117	.117	.100	.100	.100	.068	.068	.068	.039	.039	.039	.013	.013	.013		
1.0	.104	.097	.091	.089	.083	.078	.061	.057	.054	.035	.033	.032	.011	.011	.010		
2.0	.093	.082	.073	.080	.070	.063	.054	.049	.044	.031	.028	.026	.010	.009	.008		
3.0	.084	.070	.059	.072	.060	.051	.049	.042	.036	.028	.024	.021	.009	.008	.007		
4.0	.076	.060	.048	.065	.052	.042	.045	.036	.030	.026	.021	.018	.008	.007	.006		
5.0	.070	.053	.040	.060	.046	.035	.041	.032	.025	.024	.019	.015	.008	.006	.005		
6.0	.064	.047	.034	.055	.040	.030	.038	.028	.021	.022	.017	.012	.007	.005	.004		
7.0	.060	.042	.029	.051	.036	.025	.036	.025	.018	.021	.015	.011	.007	.005	.004		
8.0	.056	.038	.025	.048	.033	.022	.033	.023	.015	.019	.014	.009	.006	.004	.003		
9.0	.053	.034	.022	.045	.030	.019	.031	.021	.013	.018	.012	.008	.006	.004	.003		
10.0	.050	.031	.019	.043	.027	.017	.030	.019	.012	.017	.011	.007	.006	.004	.002		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.6lx1 lm										
NAME: 2418.103-LEA-14					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407200927		
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	4.1	4.8	4.3	4.9	5.1	4.6	5.3	4.9	5.5	5.6
3H	3.9	4.6	4.2	4.7	4.9	4.5	5.1	4.7	5.3	5.5
4H	3.9	4.4	4.1	4.7	4.9	4.4	5.0	4.7	5.2	5.4
6H	3.8	4.3	4.1	4.6	4.8	4.3	4.9	4.6	5.1	5.4
8H	3.7	4.3	4.0	4.5	4.8	4.3	4.8	4.6	5.1	5.3
12H	3.7	4.2	4.0	4.5	4.7	4.2	4.8	4.6	5.0	5.3
4H 2H	3.9	4.4	4.1	4.7	4.9	4.4	5.0	4.7	5.2	5.4
3H	3.7	4.2	4.0	4.5	4.7	4.2	4.8	4.6	5.0	5.3
4H	3.6	4.1	3.9	4.4	4.7	4.2	4.6	4.5	4.9	5.2
6H	3.5	3.9	3.9	4.2	4.6	4.0	4.5	4.4	4.8	5.1
8H	3.4	3.8	3.8	4.2	4.5	4.0	4.4	4.4	4.7	5.1
12H	3.4	3.7	3.8	4.1	4.5	3.9	4.3	4.3	4.7	5.1
8H 4H	3.4	3.8	3.8	4.2	4.5	4.0	4.4	4.4	4.7	5.1
6H	3.3	3.6	3.7	4.0	4.4	3.9	4.2	4.3	4.6	5.0
8H	3.3	3.5	3.7	4.0	4.4	3.8	4.1	4.3	4.5	5.0
12H	3.2	3.4	3.7	3.9	4.4	3.8	4.0	4.2	4.4	4.9
12H 4H	3.4	3.7	3.8	4.1	4.5	3.9	4.3	4.3	4.7	5.1
6H	3.3	3.5	3.7	4.0	4.4	3.8	4.1	4.3	4.5	5.0
8H	3.2	3.4	3.7	3.9	4.4	3.8	4.0	4.2	4.4	4.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.2 / -17.8					+ 3.3 / -18.1				
1.5H	+ 5.3 / -11.6					+ 5.5 / -11.8				
2.0H	+ 6.3 / -11.5					+ 6.4 / -11.9				

CIE Pub.117, 1806 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.1)
Area: 0.004624 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

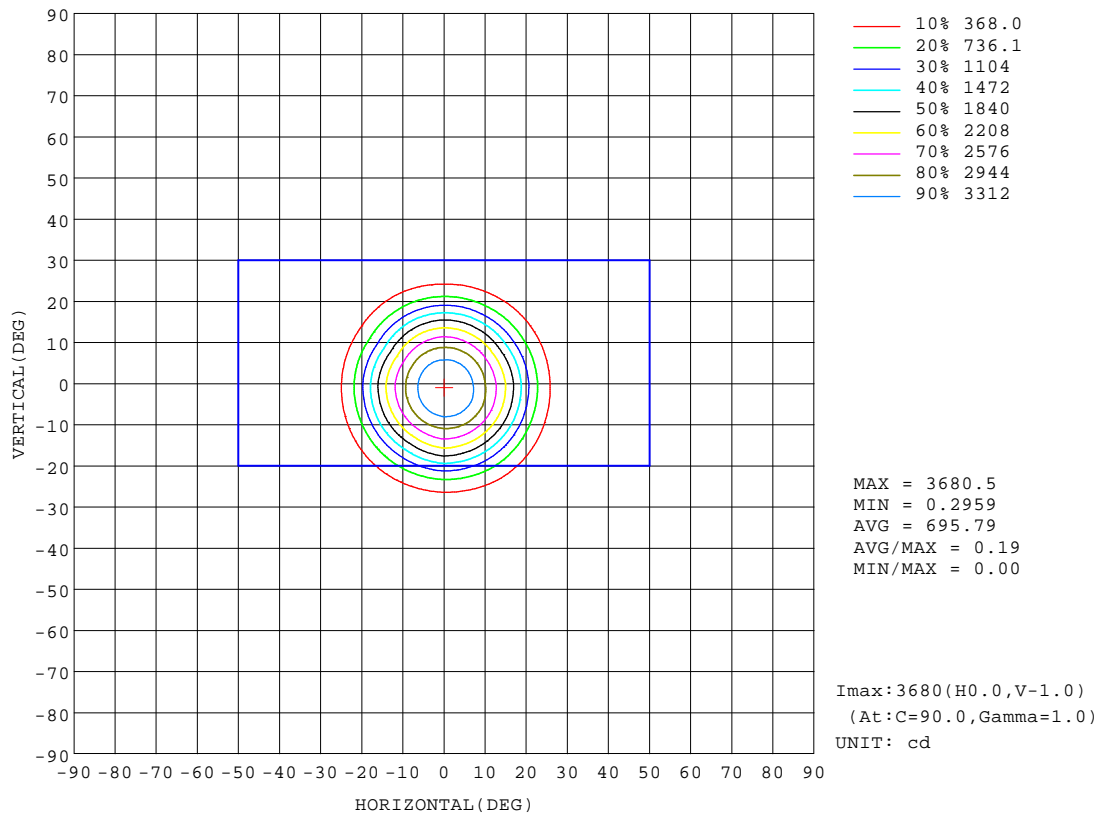
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	53	51	56	53	51	56	52	51	49
0.80	61	57	55	60	57	55	59	57	55	53
1.00	63	60	58	62	59	58	61	59	57	55
1.25	65	62	60	64	62	60	63	61	60	57
1.50	66	64	62	66	63	62	64	63	61	59
2.00	68	65	64	67	65	63	65	64	62	59
2.50	69	67	65	68	66	64	66	64	63	60
3.00	69	68	66	68	67	65	66	65	64	60
4.00	71	69	68	69	68	67	67	66	65	61
5.00	71	70	69	70	69	68	68	67	66	62
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:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

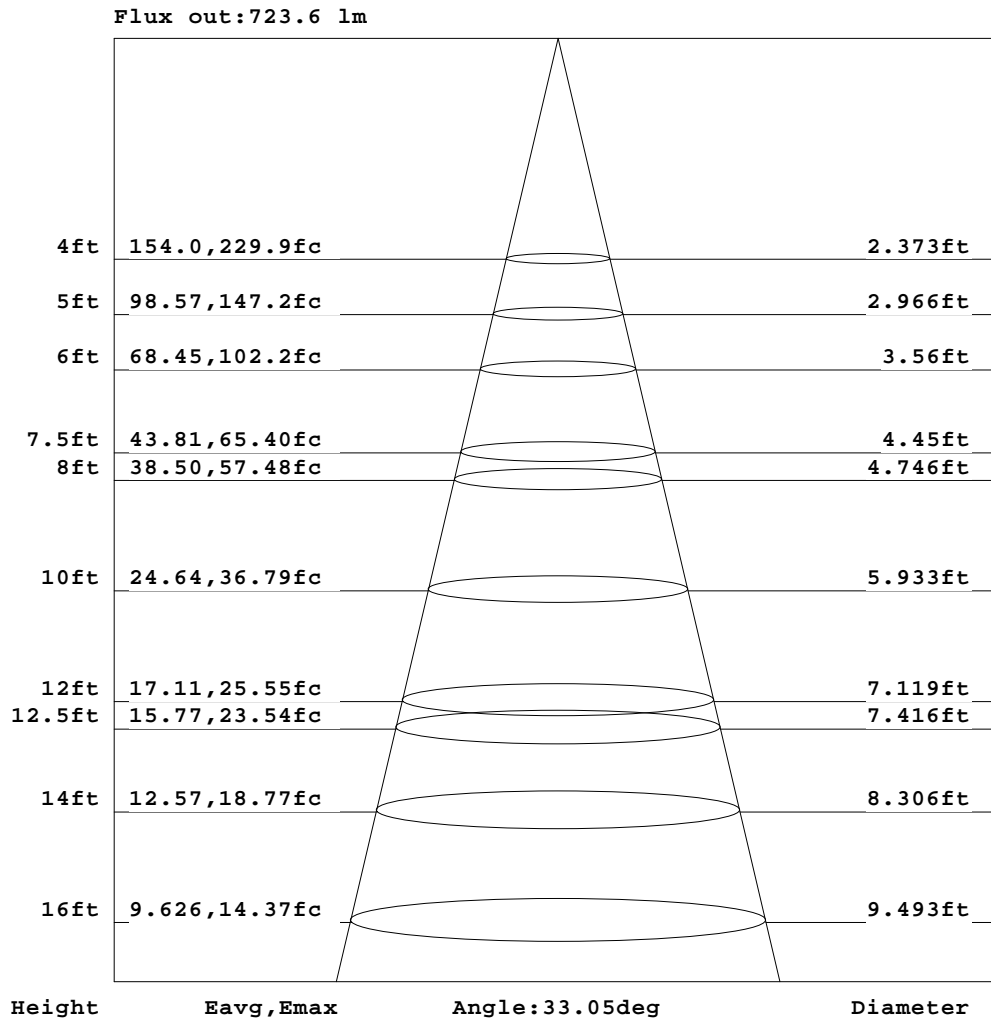


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
DRIVER:PUP20A-1WMC 450mA
30minutes warm-up

AAI Figure

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
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.

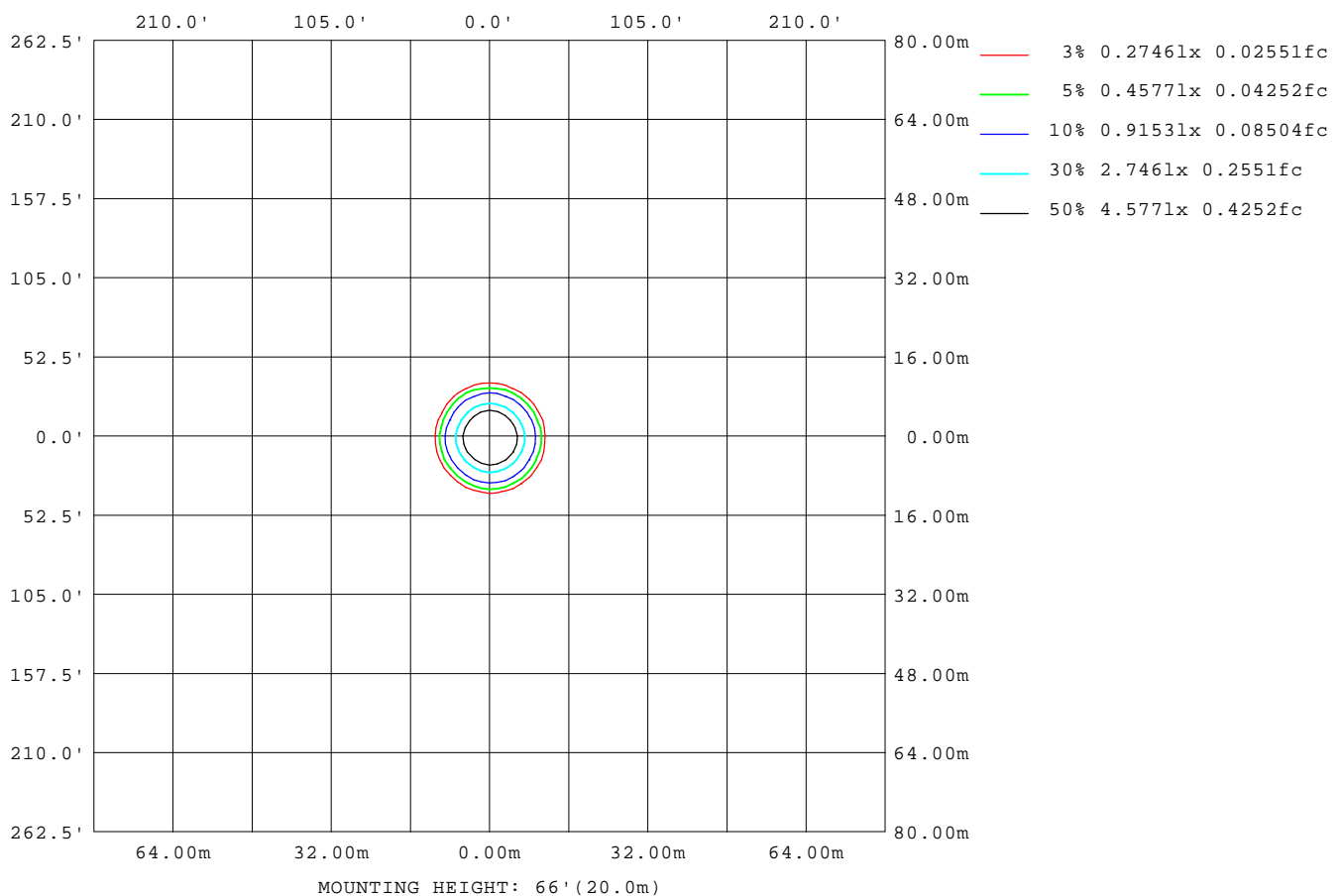
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-7-20

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-1082A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up



ISOLUX DIAGRAM

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
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: 2024-7-20

```

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-1082A 24R
          DRIVER:PUP20A-1WMC 450mA
          30minutes warm-up

```

LED Avg.L Report

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
MFR.: RISE	SUR.: 0.004624m2	Shielding Angle:

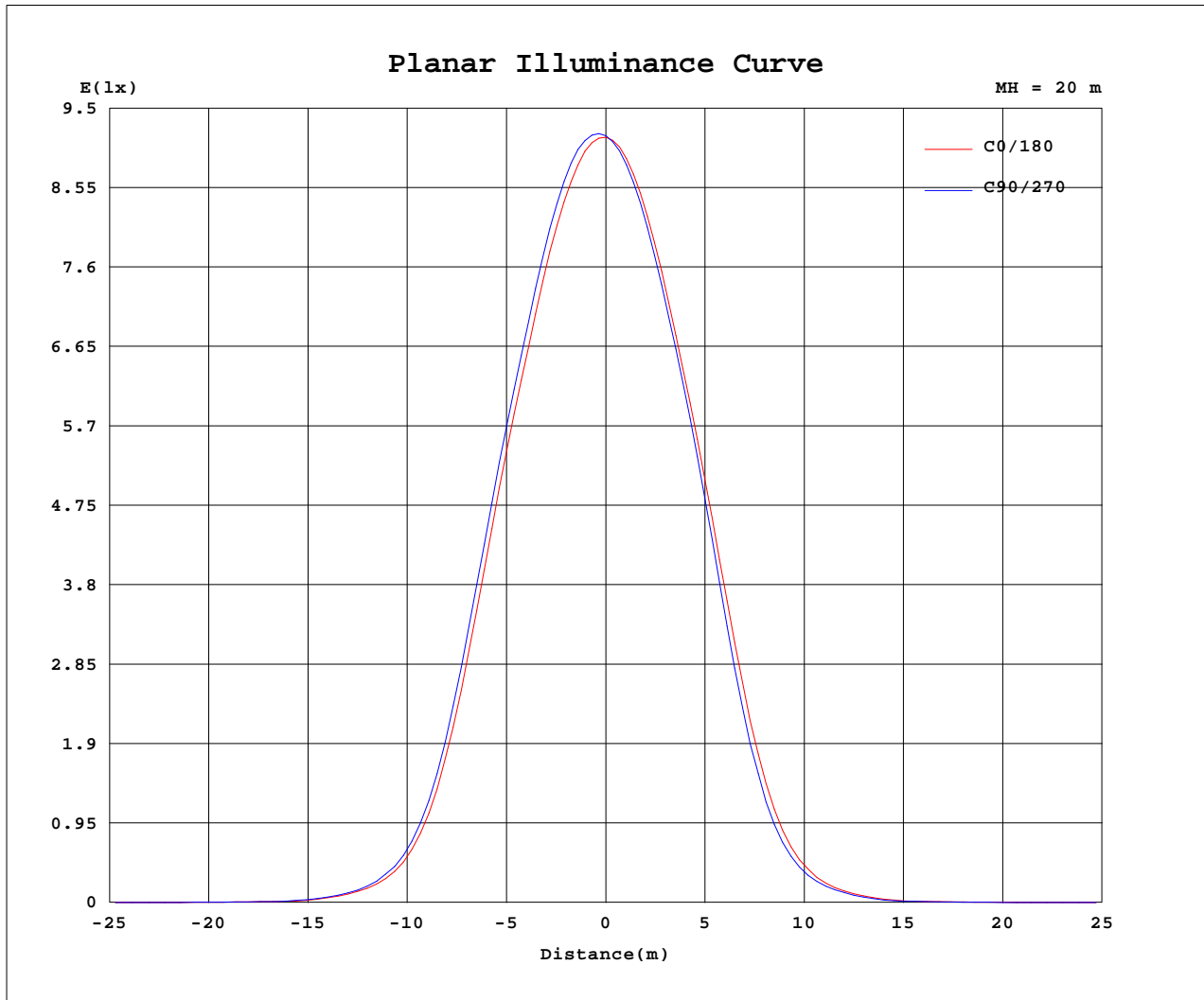
AvgL	cd/m2
L_0~180(65)av	54
L_0~180(75)av	31
L_0~180(85)av	92
L_90~270(65)av	55
L_90~270(75)av	24
L_90~270(85)av	70
L_45(65)av	57
L_45(75)av	22
L_45(85)av	30

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-7-20

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-1082A 24R
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: 2024-7-20

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-1082A 24R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.27V I:0.1578A P:18.880W PF:0.9936 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.103-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407200927
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	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667						
5	3495	3555	3584	3576	3539	3480	3438	3403	3390	3385	3409	3449						
10	2956	3068	3098	3077	3007	2915	2846	2767	2757	2773	2795	2862						
15	2205	2282	2310	2334	2179	2101	2045	1854	1888	1928	1943	2011						
20	1228	1295	1335	1358	1199	1115	1051	905	904	917	948	1044						
25	447	495	530	512	456	404	360	308	314	298	321	376						
30	138	160	170	156	143	130	111	105	105	94.5	102	121						
35	42.3	56.6	58.7	48.7	48.9	44.6	30.9	37.5	35.6	23.6	36.7	43.0						
40	12.0	18.6	18.8	12.8	16.3	12.7	9.76	10.4	9.74	9.18	10.2	12.7						
45	5.41	6.39	6.89	5.92	5.93	5.22	4.36	4.49	4.40	3.86	4.64	5.26						
50	2.14	2.85	2.85	2.34	2.60	2.16	1.54	1.84	1.81	1.16	1.79	2.20						
55	0.41	0.93	0.95	0.49	0.80	0.71	0.32	0.44	0.35	0.28	0.47	0.57						
60	0.21	0.24	0.25	0.24	0.24	0.21	0.17	0.17	0.16	0.15	0.18	0.20						
65	0.12	0.13	0.14	0.13	0.13	0.11	0.10	0.10	0.08	0.08	0.09	0.11						
70	0.07	0.07	0.08	0.08	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.06						
75	0.04	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.02	0.03	0.02	0.02						
80	0.04	0.02	0.02	0.03	0.02	0.02	0.04	0.03	0.02	0.03	0.02	0.02						
85	0.03	0.02	0.02	0.03	0.01	0.01	0.04	0.02	0.02	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						

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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Operators:zoe
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