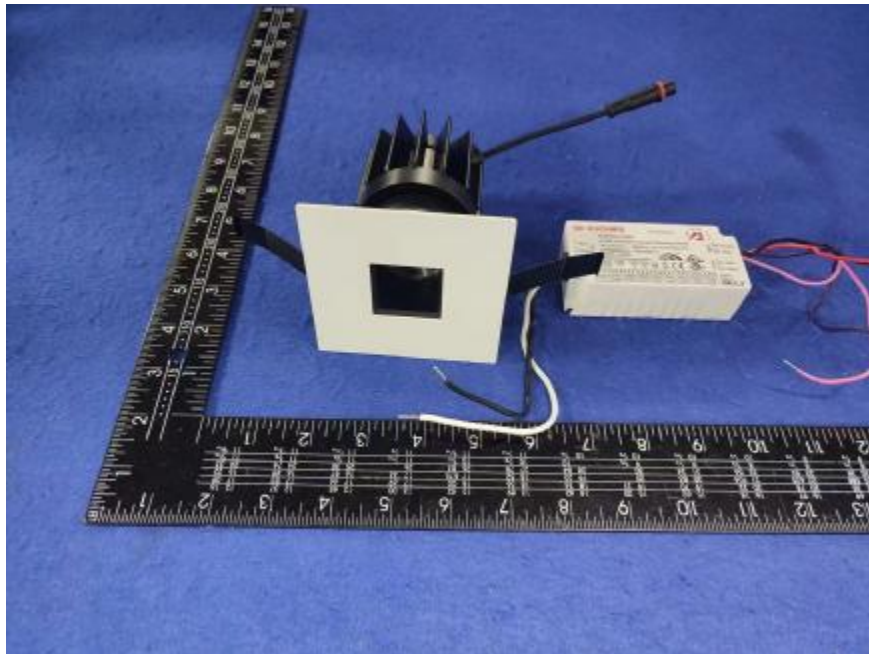


## Luminaire Photograph



Light Output Ratio:	62.1%	
Luminaire Power:	18.82 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: 2024-7-15

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

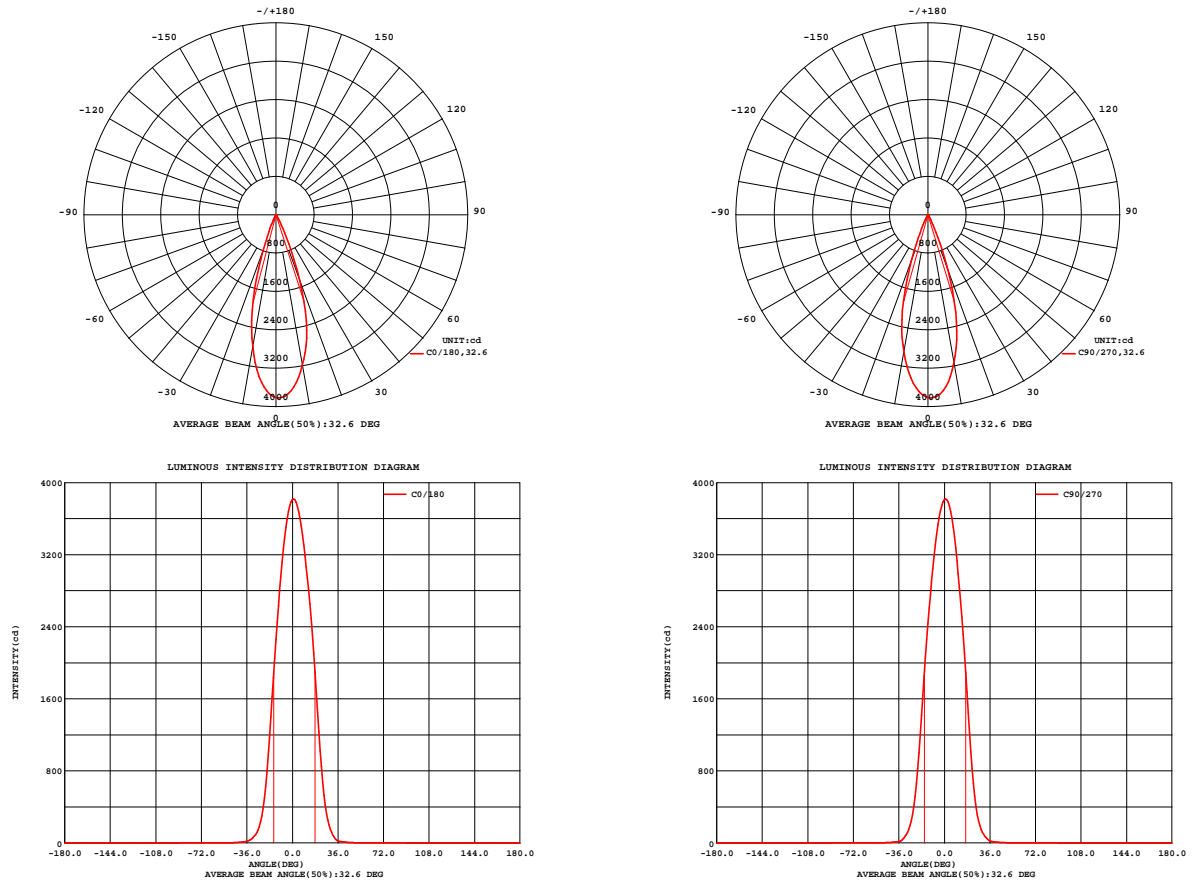


Fig. C0/C180

Fig. C90/C270

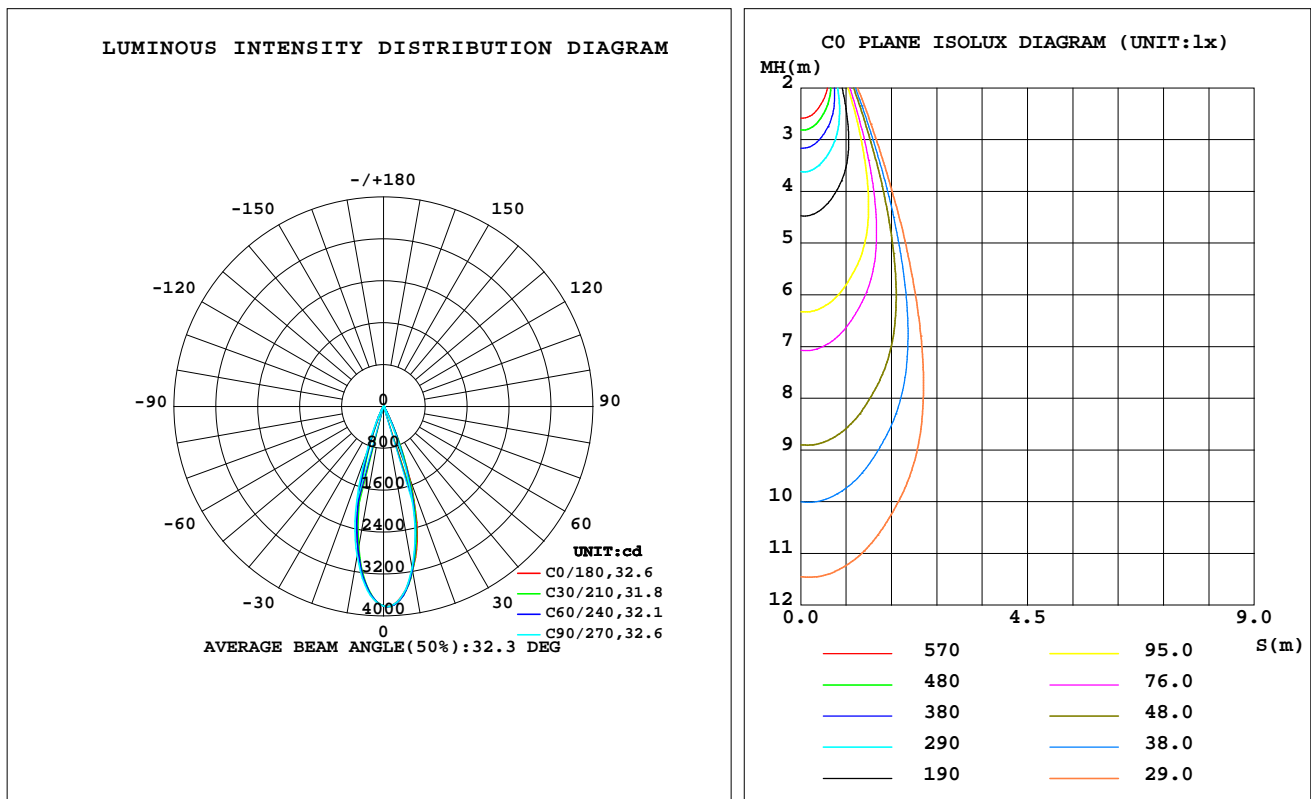
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.61 lm/W			
MODEL	Brideglux	I <sub>max</sub> (cd)	3824	S/MH(C0/180)	0.47
NOMINAL POWER(W)	18	LOR(%)	62.1	S/MH(C90/270)	0.50
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1121.8	η UP,DN(C0-180)	0.0,33.1
NOMINAL FLUX(lm)	1805.61	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,29.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	62.1	CIBSE SHR MAX	0.50



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

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:

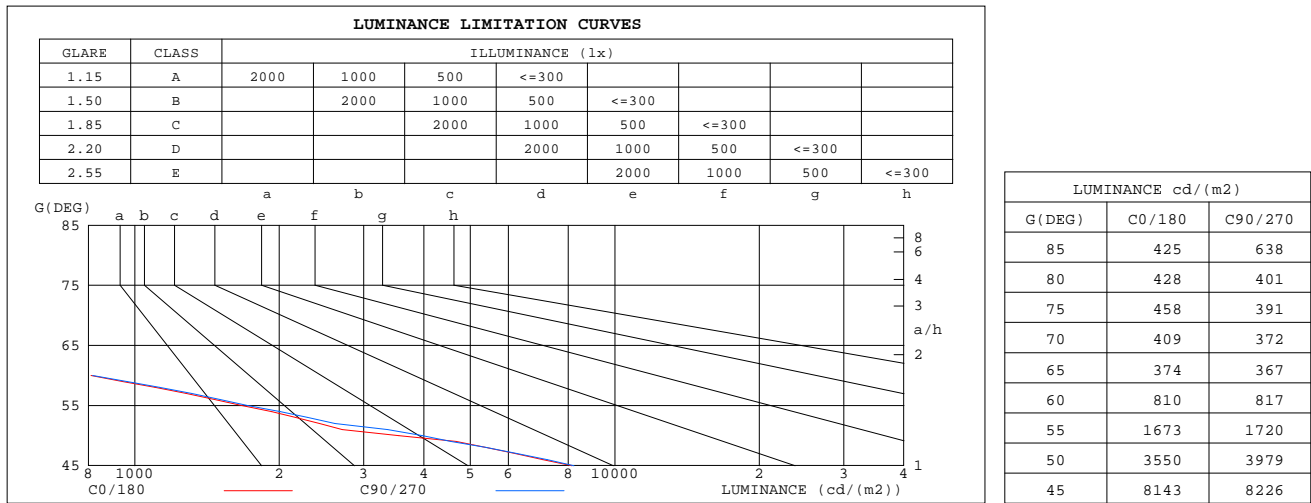
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	3186	3185	3131	2983	2796	2771	2902	3038	0- 10	324.3	324.3	28.9,18
20	1449	1375	1219	939.4	790.4	807.6	999.7	1215	10- 20	565.5	889.8	79.3,49.3
30	152.0	159.7	120.5	99.25	74.69	85.97	91.54	133.2	20- 30	199.0	1089	97,60.3
40	13.05	14.00	12.17	11.74	9.876	9.987	9.436	10.87	30- 40	27.22	1116	99.5,61.8
50	2.342	3.082	2.617	2.756	1.934	2.248	1.952	2.571	40- 50	4.583	1121	99.9,62.1
60	0.4156	0.5420	0.4182	0.3641	0.2477	0.3290	0.3844	0.4396	50- 60	1.020	1122	100,62.1
70	0.1436	0.1379	0.1302	0.0441	0.0634	0.0624	0.1531	0.1134	60- 70	0.1787	1122	100,62.1
80	0.0763	0.0531	0.0713	0.0287	0.0612	0.0346	0.0692	0.0448	70- 80	0.0815	1122	100,62.1
90	0	0	0	0	0	0	0	0	80- 90	0.0312	1122	100,62.1
100	0	0	0	0	0	0	0	0	90-100	0	1122	100,62.1
110	0	0	0	0	0	0	0	0	100-110	0	1122	100,62.1
120	0	0	0	0	0	0	0	0	110-120	0	1122	100,62.1
130	0	0	0	0	0	0	0	0	120-130	0	1122	100,62.1
140	0	0	0	0	0	0	0	0	130-140	0	1122	100,62.1
150	0	0	0	0	0	0	0	0	140-150	0	1122	100,62.1
160	0	0	0	0	0	0	0	0	150-160	0	1122	100,62.1
170	0	0	0	0	0	0	0	0	160-170	0	1122	100,62.1
180	0	0	0	0	0	0	0	0	170-180	0	1122	100,62.1
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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:



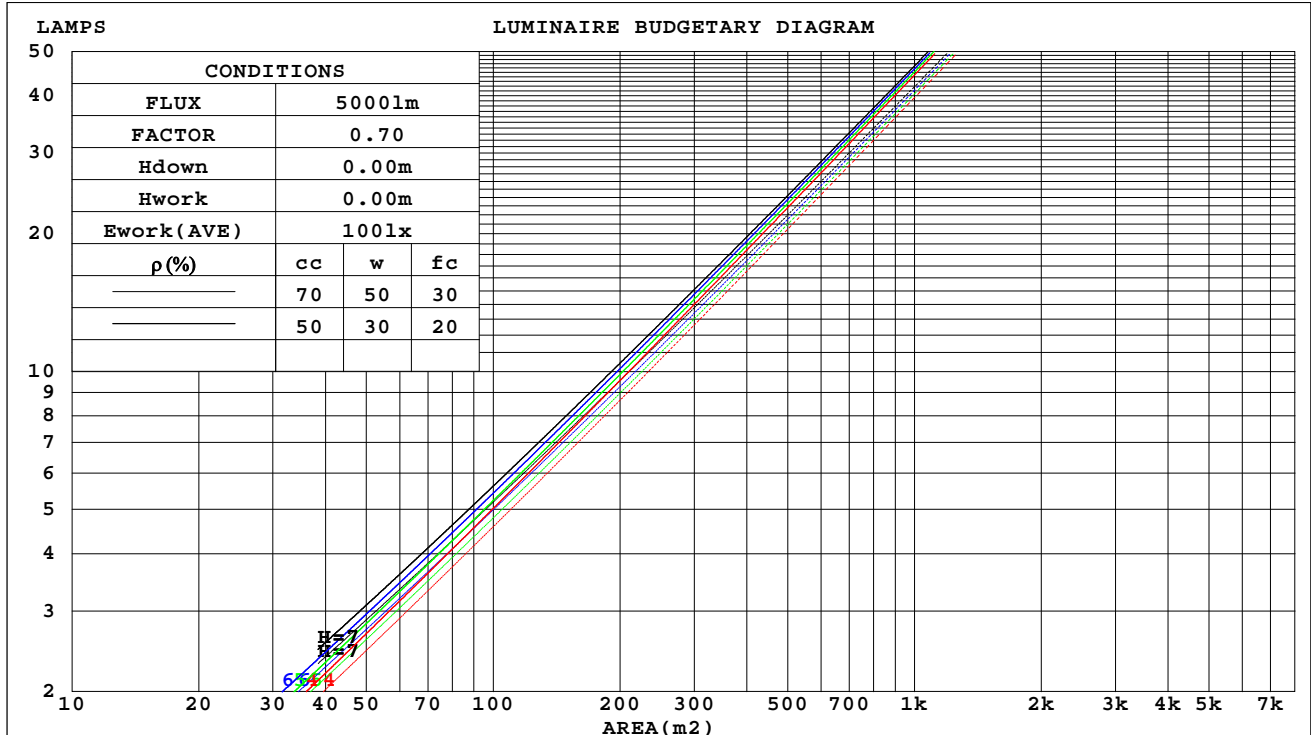
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-15

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
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			Coefficients of Utilization(CU)												
0.0	.74	.74	.74	.72	.72	.72	.69	.69	.69	.66	.66	.66	.63	.63	.63	.62
1.0	.70	.69	.68	.69	.68	.67	.66	.65	.65	.64	.63	.63	.62	.61	.61	.60
2.0	.67	.65	.63	.66	.64	.63	.64	.62	.61	.62	.61	.60	.60	.59	.59	.58
3.0	.64	.62	.60	.63	.61	.59	.61	.60	.58	.60	.59	.57	.59	.58	.57	.56
4.0	.61	.59	.57	.61	.58	.57	.59	.57	.56	.58	.57	.55	.57	.56	.55	.54
5.0	.59	.56	.54	.58	.56	.54	.57	.55	.54	.56	.55	.53	.56	.54	.53	.52
6.0	.57	.54	.52	.56	.54	.52	.56	.53	.52	.55	.53	.51	.54	.52	.51	.50
7.0	.55	.52	.50	.54	.52	.50	.54	.52	.50	.53	.51	.50	.53	.51	.49	.49
8.0	.53	.50	.49	.53	.50	.48	.52	.50	.48	.52	.50	.48	.51	.49	.48	.47
9.0	.51	.49	.47	.51	.49	.47	.51	.48	.47	.50	.48	.47	.50	.48	.47	.46
10.0	.50	.47	.46	.50	.47	.45	.49	.47	.45	.49	.47	.45	.48	.47	.45	.45



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

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
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	.086	.049	.016	.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	.060	.031	.009	.057	.030	.009	.054	.029	.009	
6.0	.063	.032	.009	.061	.031	.009	.058	.030	.009	.055	.028	.008	.052	.027	.008	
7.0	.060	.030	.008	.058	.029	.008	.055	.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	.051	.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	.118	.118	.118	.101	.101	.101	.069	.069	.069	.040	.040	.040	.013	.013	.013		
1.0	.105	.098	.092	.090	.084	.079	.061	.058	.055	.035	.033	.032	.011	.011	.010		
2.0	.093	.082	.073	.080	.071	.063	.055	.049	.044	.032	.029	.026	.010	.009	.008		
3.0	.084	.070	.059	.072	.061	.051	.050	.042	.036	.029	.025	.021	.009	.008	.007		
4.0	.077	.061	.049	.066	.053	.042	.045	.037	.030	.026	.021	.018	.008	.007	.006		
5.0	.070	.053	.041	.060	.046	.035	.041	.032	.025	.024	.019	.015	.008	.006	.005		
6.0	.065	.047	.034	.056	.041	.030	.038	.029	.021	.022	.017	.013	.007	.005	.004		
7.0	.060	.042	.029	.052	.036	.026	.036	.026	.018	.021	.015	.011	.007	.005	.004		
8.0	.056	.038	.025	.048	.033	.022	.033	.023	.016	.019	.014	.009	.006	.004	.003		
9.0	.053	.034	.022	.045	.030	.019	.031	.021	.014	.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:2024-7-15

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.6lx1 lm										
NAME: 2418.108-LEA-14					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407150874		
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	9.2	9.9	9.4	10.0	10.2	8.7	9.3	8.9	9.5	9.6
3H	9.1	9.7	9.3	9.9	10.1	8.5	9.1	8.8	9.3	9.5
4H	9.0	9.6	9.3	9.8	10.0	8.4	9.0	8.7	9.2	9.5
6H	8.9	9.5	9.2	9.7	9.9	8.4	8.9	8.6	9.2	9.4
8H	8.9	9.4	9.2	9.7	9.9	8.3	8.9	8.6	9.1	9.4
12H	8.8	9.3	9.1	9.6	9.9	8.3	8.8	8.6	9.1	9.3
4H 2H	9.0	9.6	9.3	9.8	10.0	8.4	9.0	8.7	9.2	9.5
3H	8.8	9.3	9.1	9.6	9.9	8.3	8.8	8.6	9.1	9.3
4H	8.7	9.2	9.1	9.5	9.8	8.2	8.7	8.5	8.9	9.2
6H	8.6	9.1	9.0	9.4	9.7	8.1	8.5	8.5	8.8	9.2
8H	8.6	9.0	9.0	9.3	9.7	8.0	8.4	8.4	8.8	9.1
12H	8.5	8.9	8.9	9.3	9.6	8.0	8.3	8.4	8.7	9.1
8H 4H	8.6	9.0	9.0	9.3	9.7	8.0	8.4	8.4	8.8	9.1
6H	8.5	8.8	8.9	9.2	9.6	7.9	8.2	8.3	8.6	9.0
8H	8.4	8.7	8.9	9.1	9.5	7.9	8.1	8.3	8.6	9.0
12H	8.3	8.6	8.8	9.0	9.5	7.8	8.0	8.3	8.5	9.0
12H 4H	8.5	8.9	8.9	9.2	9.6	8.0	8.3	8.4	8.7	9.1
6H	8.4	8.7	8.8	9.1	9.5	7.9	8.1	8.3	8.6	9.0
8H	8.3	8.6	8.8	9.0	9.5	7.8	8.0	8.3	8.5	9.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.1 / -11.8					+ 2.8 / -11.3				
1.5H	+ 5.1 / - 8.8					+ 4.8 / - 8.4				
2.0H	+ 5.8 / - 8.1					+ 5.7 / - 7.8				

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

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

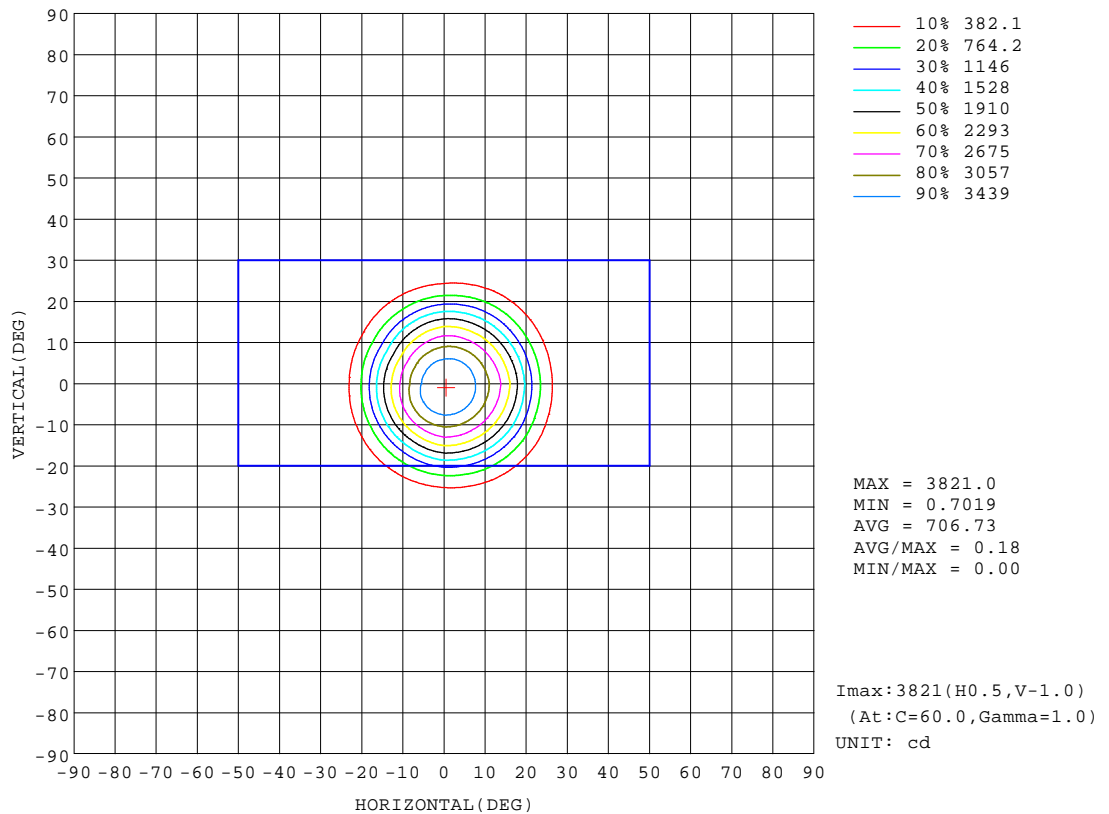
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	53	51	56	53	51	56	53	51	49
0.80	61	58	56	61	58	56	60	57	55	53
1.00	63	60	58	63	60	58	62	60	58	56
1.25	65	63	61	65	62	60	64	62	60	58
1.50	67	64	63	66	64	62	65	63	62	59
2.00	68	66	64	67	65	64	66	64	63	60
2.50	69	67	65	68	66	65	66	65	64	60
3.00	70	68	67	69	67	66	67	66	65	61
4.00	71	70	68	70	69	68	68	67	66	62
5.00	72	71	70	71	70	69	68	67	67	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°C  
Operators:zoe  
Test Date:2024-7-15

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

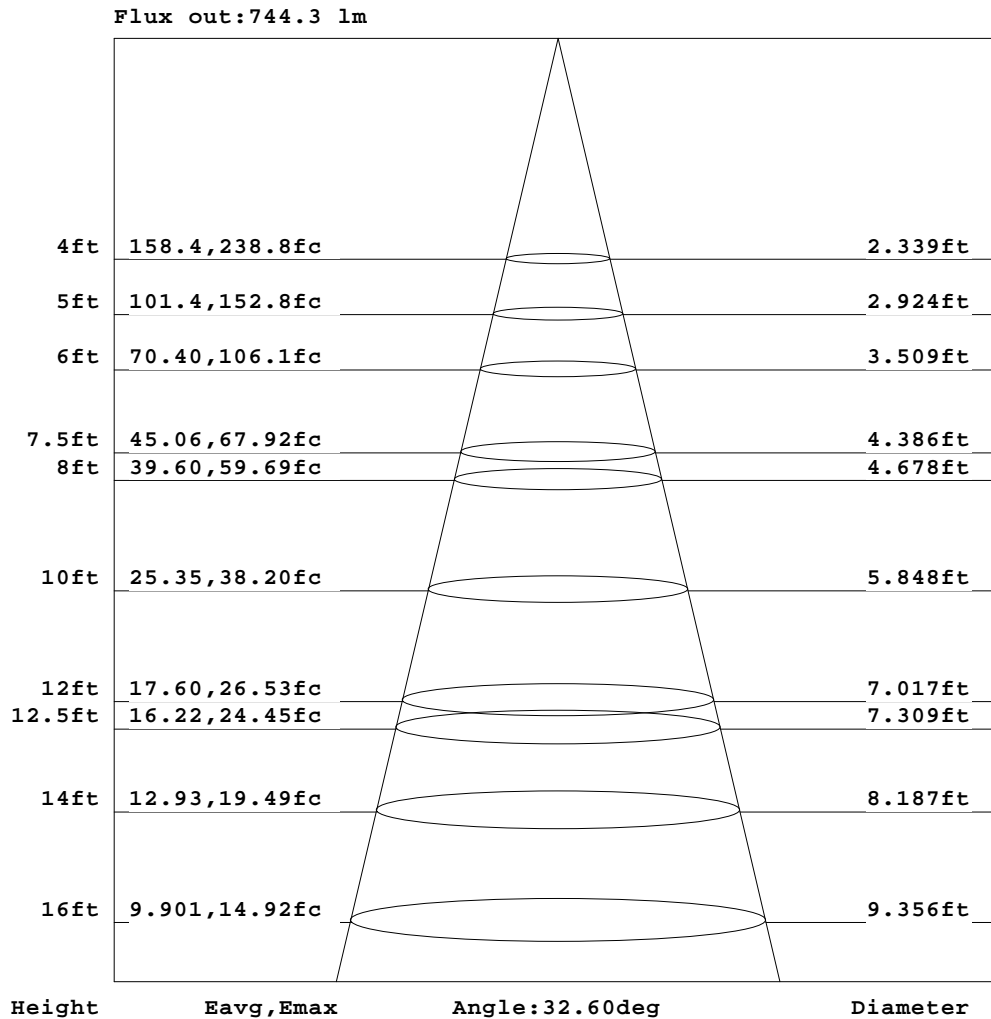


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2024-7-15

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:



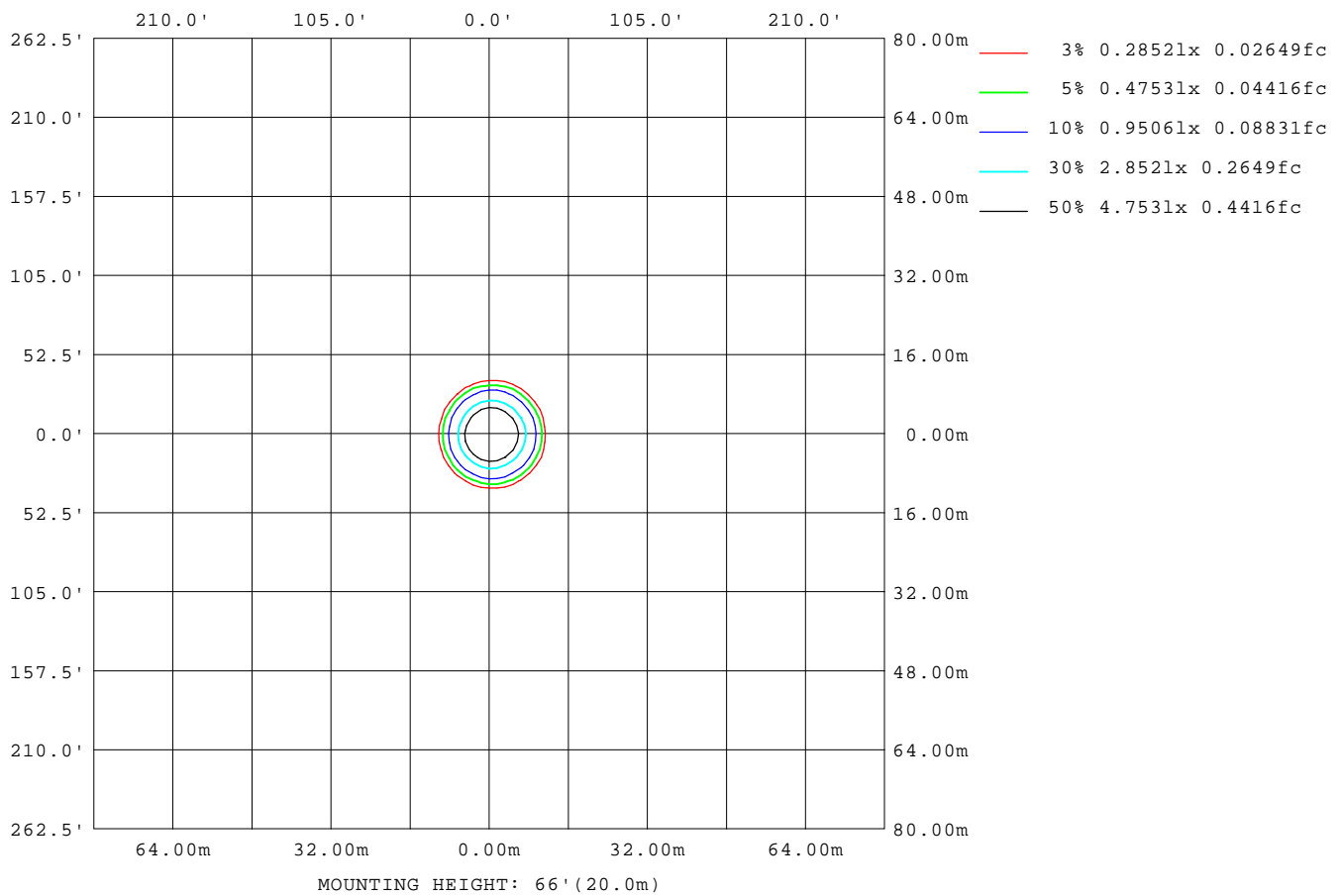
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
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

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
MFR.: RISE	SUR.: 0.001024m2	Shielding Angle:

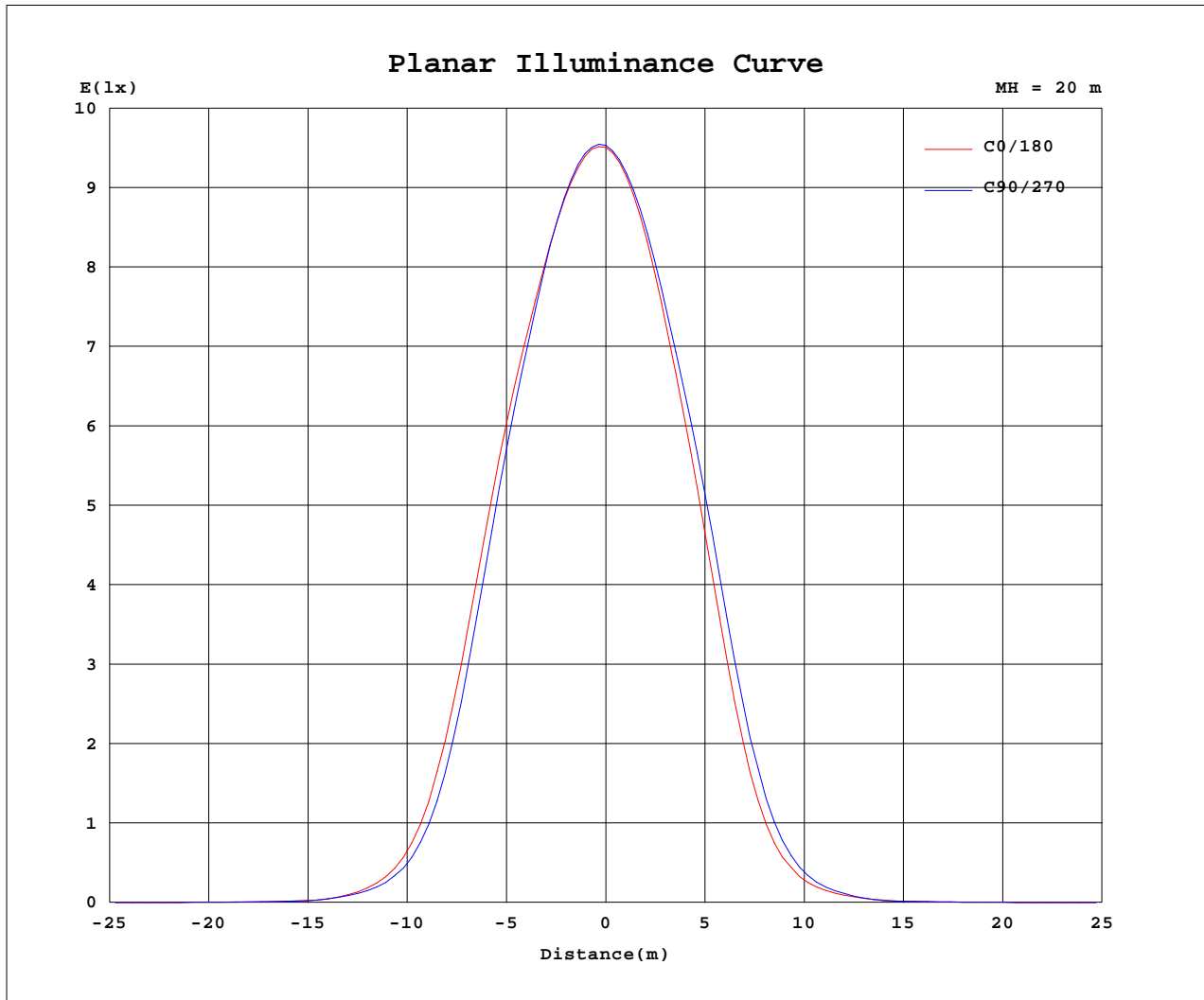
AvgL	cd/m2
L_0~180(65)av	253
L_0~180(75)av	357
L_0~180(85)av	399
L_90~270(65)av	389
L_90~270(75)av	392
L_90~270(85)av	564
L_45(65)av	342
L_45(75)av	242
L_45(85)av	150

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

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: 2024-7-15

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:120.22V I:0.1574A P:18.820W PF:0.9934 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2418.108-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407150874
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	3810	3810	3810	3810	3810	3810	3810	3810	3810	3810	3810	3810						
5	3676	3697	3699	3679	3644	3580	3501	3476	3497	3526	3585	3631						
10	3186	3197	3172	3131	3045	2921	2796	2742	2800	2902	2988	3088						
15	2491	2438	2361	2316	2095	1944	1836	1731	1879	2063	2157	2304						
20	1449	1425	1325	1219	1013	865	790	760	855	1000	1149	1282						
25	532	557	495	408	335	271	241	238	276	319	415	478						
30	152	169	151	120	109	89.8	74.7	83.5	88.5	91.5	125	142						
35	33.8	54.4	51.1	34.8	39.7	33.4	22.8	30.9	29.1	19.4	39.4	42.3						
40	13.0	14.2	13.7	12.2	12.7	10.8	9.88	10.2	9.73	9.44	10.5	11.3						
45	5.91	6.70	6.69	5.95	5.95	5.40	4.54	4.96	4.91	4.73	5.32	5.71						
50	2.34	3.09	3.07	2.62	2.94	2.57	1.93	2.20	2.29	1.95	2.50	2.64						
55	0.98	1.20	1.23	1.01	1.03	0.98	0.81	0.90	0.89	0.91	1.02	1.00						
60	0.42	0.53	0.56	0.42	0.38	0.35	0.25	0.31	0.34	0.38	0.45	0.43						
65	0.16	0.21	0.24	0.16	0.11	0.07	0.06	0.07	0.12	0.18	0.18	0.17						
70	0.14	0.13	0.15	0.13	0.05	0.04	0.06	0.04	0.08	0.15	0.11	0.11						
75	0.12	0.09	0.11	0.10	0.04	0.04	0.07	0.04	0.06	0.10	0.08	0.08						
80	0.08	0.05	0.06	0.07	0.03	0.03	0.06	0.03	0.04	0.07	0.04	0.05						
85	0.04	0.02	0.02	0.06	0.02	0.01	0.03	0.01	0.02	0.04	0.02	0.02						
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:2024-7-15

γ Range: 0 - 180DEG  
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