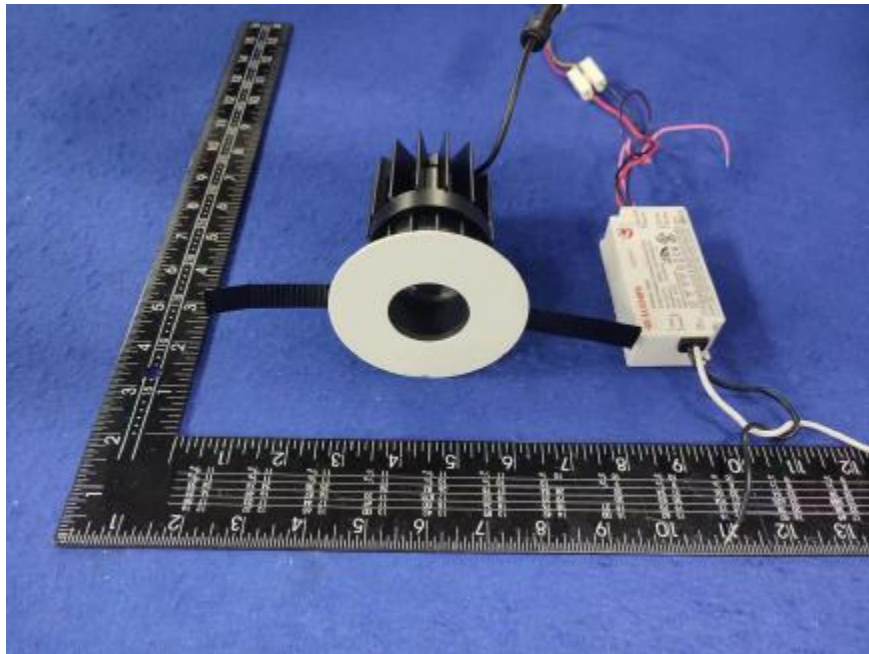


## Luminaire Photograph



Light Output Ratio:	64.1%	
Luminaire Power:	18.89 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.55	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-18

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: PUP20A-1WMC 450mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

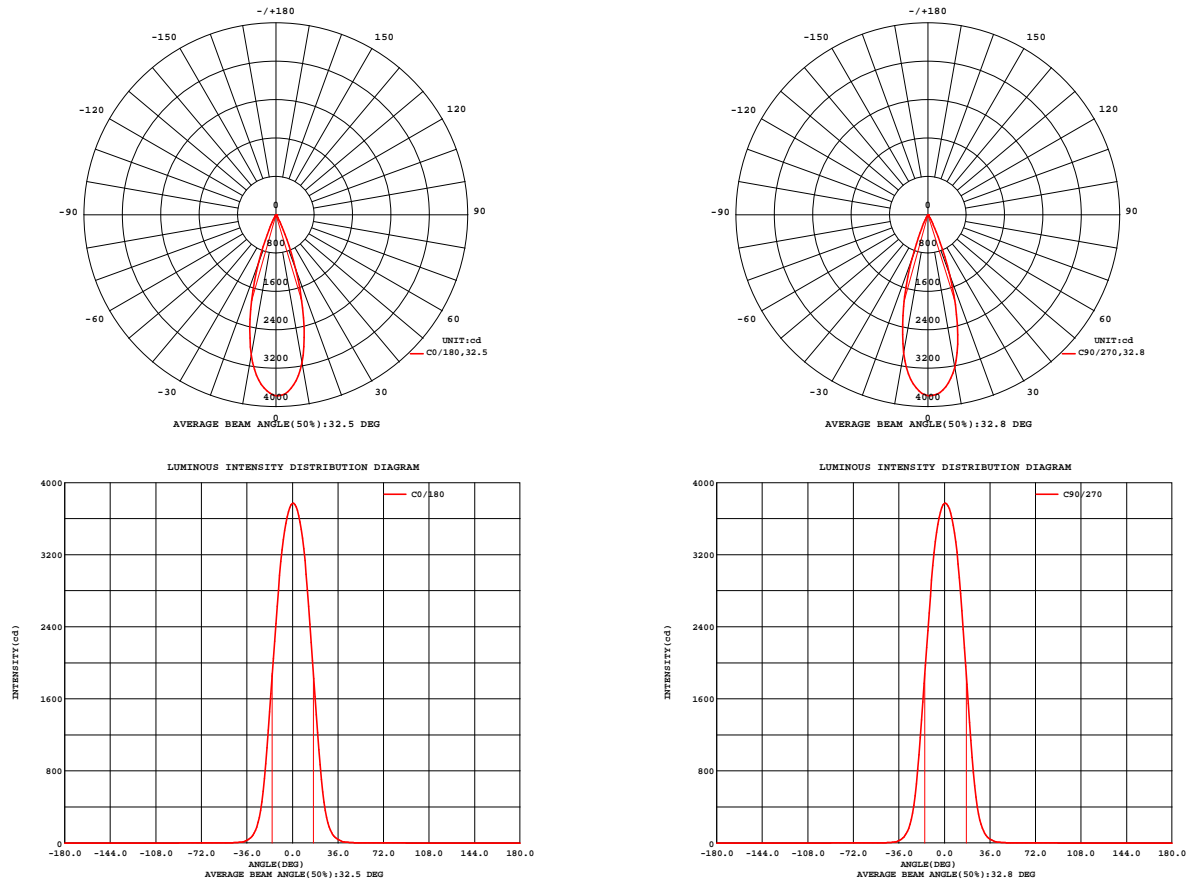


Fig. C0/C180

Fig. C90/C270

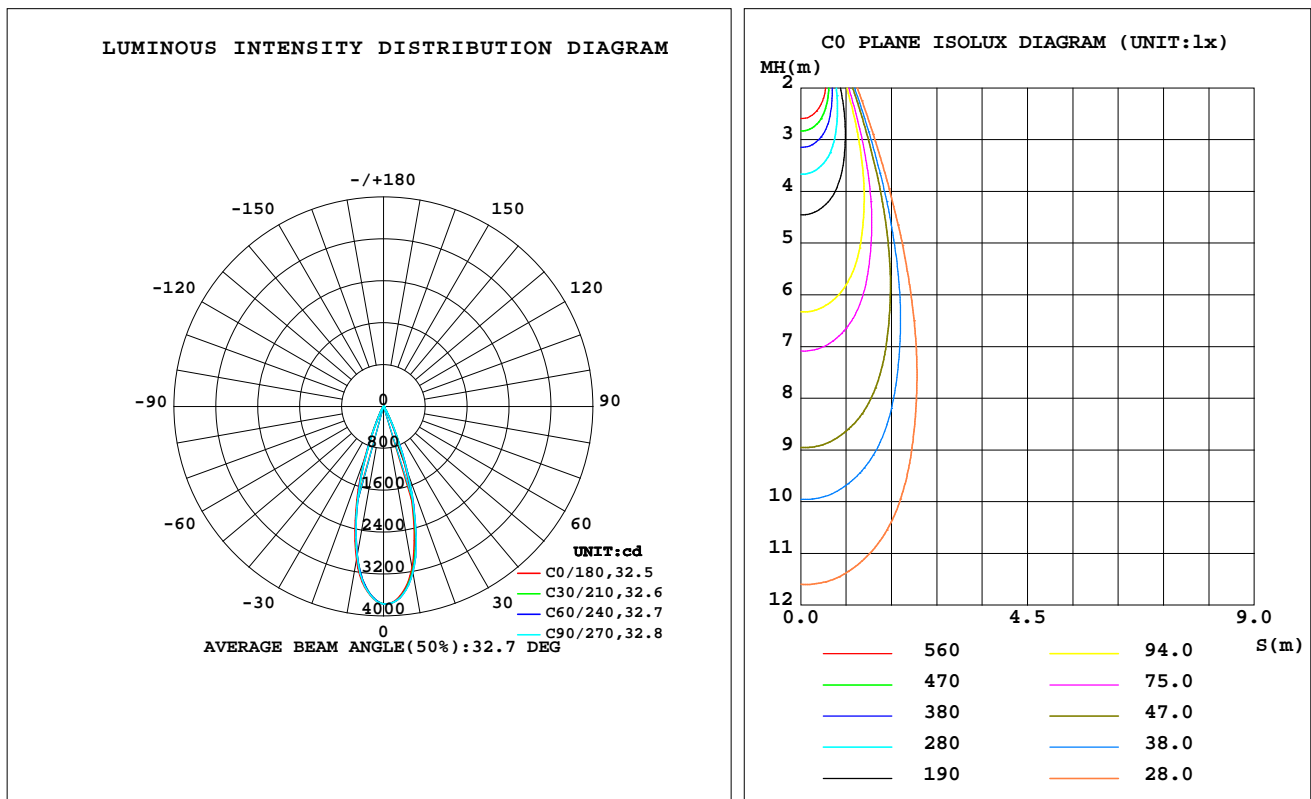
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-18

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: PUP20A-1WMC 450mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.30 lm/W			
MODEL	Brideglux	I <sub>max</sub> (cd)	3773	S/MH(C0/180)	0.51
NOMINAL POWER(W)	18	LOR(%)	64.1	S/MH(C90/270)	0.50
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1157.9	UP,DN(C0-180)	0.0,34.3
NOMINAL FLUX(lm)	1805.61	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,29.8
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	down(%)	64.1	CIBSE SHR MAX	0.55



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-18

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:PUP20A-1WMC 450mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

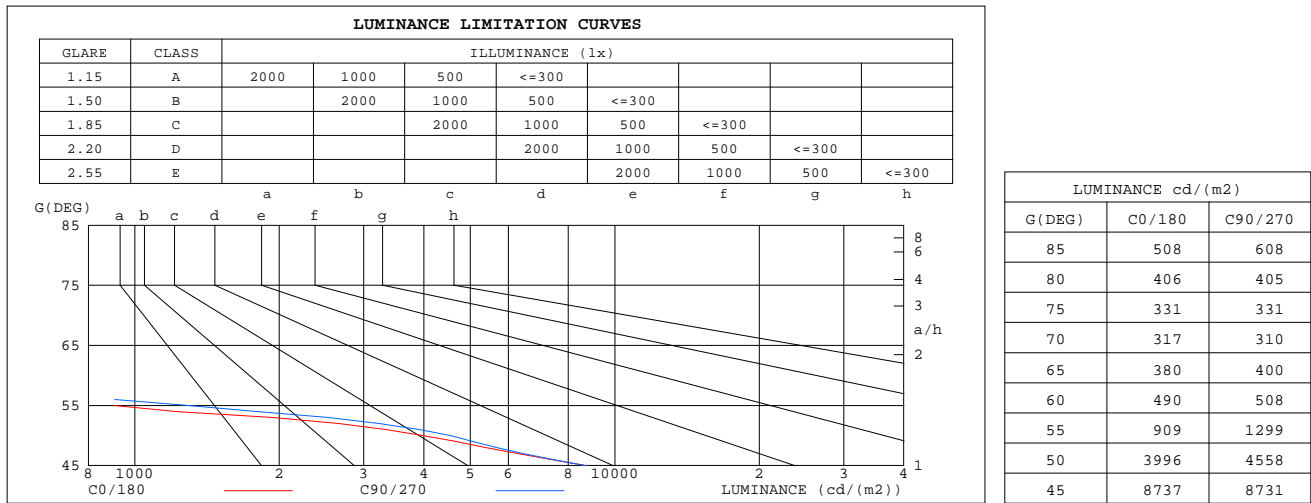
	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	3136	3208	3227	3137	2973	2896	2918	3027	0- 10	326.6	326.6	28.2,18.1
20	1226	1335	1339	1220	1057	977.6	980.2	1097	10- 20	578.6	905.2	78.2,50.1
30	143.6	163.4	163.5	140.2	110.3	102.5	103.4	121.1	20- 30	215.3	1120	96.8,62.1
40	13.90	16.02	15.55	12.56	9.286	9.009	9.302	10.75	30- 40	32.04	1153	99.5,63.8
50	2.615	2.790	2.980	2.438	1.685	1.647	1.561	1.937	40- 50	4.404	1157	99.9,64.1
60	0.2497	0.2602	0.2585	0.2459	0.2209	0.1996	0.2007	0.2112	50- 60	0.6882	1158	100,64.1
70	0.1106	0.1108	0.1079	0.1119	0.1068	0.0860	0.0890	0.0888	60- 70	0.1524	1158	100,64.1
80	0.0717	0.0625	0.0716	0.0640	0.0689	0.0460	0.0512	0.0434	70- 80	0.0816	1158	100,64.1
90	0	0	0	0	0	0	0	0	80- 90	0.0383	1158	100,64.1
100	0	0	0	0	0	0	0	0	90-100	0	1158	100,64.1
110	0	0	0	0	0	0	0	0	100-110	0	1158	100,64.1
120	0	0	0	0	0	0	0	0	110-120	0	1158	100,64.1
130	0	0	0	0	0	0	0	0	120-130	0	1158	100,64.1
140	0	0	0	0	0	0	0	0	130-140	0	1158	100,64.1
150	0	0	0	0	0	0	0	0	140-150	0	1158	100,64.1
160	0	0	0	0	0	0	0	0	150-160	0	1158	100,64.1
170	0	0	0	0	0	0	0	0	160-170	0	1158	100,64.1
180	0	0	0	0	0	0	0	0	170-180	0	1158	100,64.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-18

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:PUP20A-1WMC 450mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:



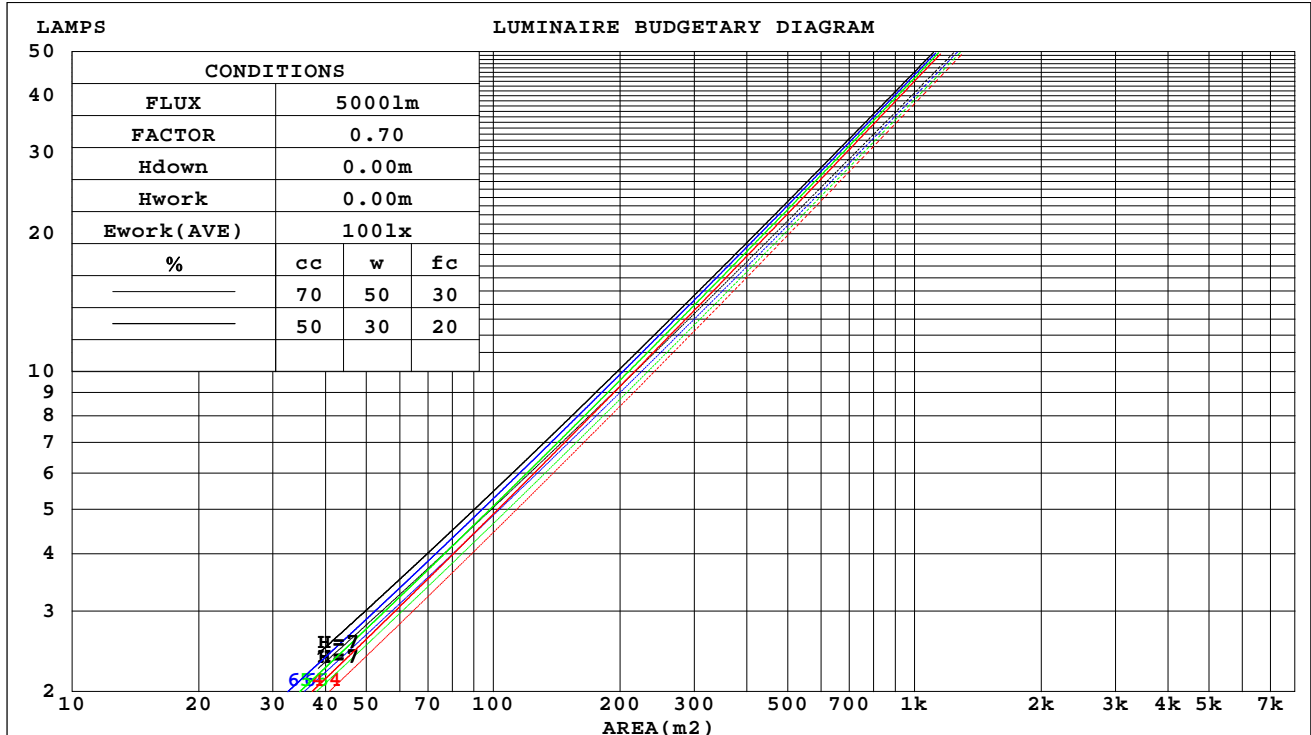
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-18

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:PUP20A-1WMC 450mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.61lx1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	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	.76	.76	.76	.75	.75	.75	.71	.71	.71	.68	.68	.68	.65	.65	.65	.64
1.0	.72	.71	.70	.71	.70	.69	.68	.68	.67	.66	.65	.65	.64	.63	.63	.62
2.0	.69	.67	.65	.68	.66	.65	.66	.64	.63	.64	.63	.62	.62	.61	.61	.60
3.0	.66	.63	.62	.65	.63	.61	.63	.62	.60	.62	.60	.59	.61	.59	.58	.57
4.0	.63	.60	.59	.62	.60	.58	.61	.59	.58	.60	.58	.57	.59	.57	.56	.55
5.0	.61	.58	.56	.60	.58	.56	.59	.57	.55	.58	.56	.55	.57	.56	.54	.54
6.0	.58	.56	.54	.58	.55	.54	.57	.55	.53	.56	.54	.53	.56	.54	.53	.52
7.0	.56	.54	.52	.56	.53	.52	.55	.53	.51	.55	.53	.51	.54	.52	.51	.50
8.0	.55	.52	.50	.54	.52	.50	.54	.51	.50	.53	.51	.49	.52	.51	.49	.49
9.0	.53	.50	.48	.52	.50	.48	.52	.50	.48	.51	.49	.48	.51	.49	.48	.47
10.0	.51	.48	.47	.51	.48	.47	.50	.48	.47	.50	.48	.46	.50	.48	.46	.46



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-18

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:PUP20A-1WMC 450mA  
30minutes warm-up



## WEC AND CCEC

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	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	.089	.051	.016	.085	.049	.015	.077	.044	.014	.070	.040	.013	.063	.037	.012	
2.0	.083	.046	.014	.080	.044	.014	.073	.041	.013	.067	.038	.012	.061	.035	.011	
3.0	.078	.041	.012	.075	.040	.012	.069	.038	.011	.064	.035	.011	.059	.033	.010	
4.0	.073	.038	.011	.071	.037	.011	.066	.035	.010	.062	.033	.010	.058	.031	.010	
5.0	.069	.035	.010	.067	.034	.010	.063	.033	.010	.059	.031	.009	.056	.030	.009	
6.0	.065	.033	.009	.064	.032	.009	.060	.031	.009	.057	.030	.009	.054	.028	.008	
7.0	.062	.031	.009	.061	.030	.009	.058	.029	.008	.055	.028	.008	.052	.027	.008	
8.0	.060	.029	.008	.058	.029	.008	.056	.028	.008	.053	.027	.008	.051	.026	.008	
9.0	.057	.028	.008	.056	.027	.008	.054	.026	.008	.051	.026	.007	.049	.025	.007	
10.0	.055	.026	.007	.054	.026	.007	.052	.025	.007	.050	.025	.007	.048	.024	.007	

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	.122	.122	.122	.104	.104	.104	.071	.071	.071	.041	.041	.041	.013	.013	.013	
1.0	.108	.101	.095	.092	.087	.082	.063	.060	.056	.036	.035	.033	.012	.011	.011	
2.0	.097	.085	.075	.083	.073	.065	.057	.051	.045	.033	.029	.027	.010	.010	.009	
3.0	.087	.073	.061	.075	.063	.053	.051	.044	.037	.030	.025	.022	.010	.008	.007	
4.0	.079	.063	.050	.068	.054	.044	.047	.038	.031	.027	.022	.018	.009	.007	.006	
5.0	.073	.055	.042	.062	.048	.037	.043	.033	.026	.025	.020	.015	.008	.006	.005	
6.0	.067	.049	.035	.058	.042	.031	.040	.029	.022	.023	.017	.013	.007	.006	.004	
7.0	.062	.043	.030	.054	.038	.026	.037	.026	.019	.021	.016	.011	.007	.005	.004	
8.0	.058	.039	.026	.050	.034	.023	.035	.024	.016	.020	.014	.010	.007	.005	.003	
9.0	.055	.036	.023	.047	.031	.020	.033	.022	.014	.019	.013	.008	.006	.004	.003	
10.0	.052	.032	.020	.044	.028	.017	.031	.020	.012	.018	.012	.007	.006	.004	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-18

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:PUP20A-1WMC 450mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.61x1 lm										
NAME: 2318.162-LEA-14					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2407180919		
MFR.: RISE					SUR.: 0.00101736m2			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	9.5	10.2	9.7	10.3	10.5	10.0	10.6	10.2	10.8	10.9
3H	9.4	10.0	9.6	10.2	10.4	9.8	10.4	10.0	10.6	10.8
4H	9.3	9.9	9.5	10.1	10.3	9.7	10.3	10.0	10.5	10.7
6H	9.2	9.8	9.5	10.0	10.2	9.6	10.2	9.9	10.4	10.7
8H	9.2	9.7	9.4	9.9	10.2	9.6	10.1	9.9	10.4	10.6
12H	9.1	9.6	9.4	9.9	10.2	9.6	10.1	9.9	10.3	10.6
4H 2H	9.3	9.9	9.5	10.1	10.3	9.7	10.3	10.0	10.5	10.7
3H	9.1	9.6	9.4	9.9	10.2	9.6	10.1	9.9	10.3	10.6
4H	9.0	9.5	9.4	9.8	10.1	9.5	9.9	9.8	10.2	10.5
6H	8.9	9.3	9.3	9.7	10.0	9.4	9.8	9.7	10.1	10.4
8H	8.9	9.3	9.2	9.6	10.0	9.3	9.7	9.7	10.0	10.4
12H	8.8	9.2	9.2	9.5	9.9	9.3	9.6	9.7	10.0	10.4
8H 4H	8.9	9.3	9.2	9.6	10.0	9.3	9.7	9.7	10.0	10.4
6H	8.8	9.1	9.2	9.5	9.9	9.2	9.5	9.6	9.9	10.3
8H	8.7	9.0	9.1	9.4	9.8	9.1	9.4	9.6	9.8	10.3
12H	8.6	8.9	9.1	9.3	9.8	9.1	9.3	9.5	9.8	10.2
12H 4H	8.8	9.2	9.2	9.5	9.9	9.2	9.6	9.6	10.0	10.4
6H	8.7	9.0	9.1	9.4	9.8	9.1	9.4	9.6	9.8	10.3
8H	8.6	8.9	9.1	9.3	9.8	9.1	9.3	9.5	9.8	10.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.9 / -16.1					+ 4.3 / -16.2				
1.5H	+ 6.3 / -13.9					+ 6.7 / -14.1				
2.0H	+ 6.6 / - 9.1					+ 6.4 / - 9.1				

CIE Pub.117, 1806 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.1)  
Area: 0.00101736 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-18

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:PUP20A-1WMC 450mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:

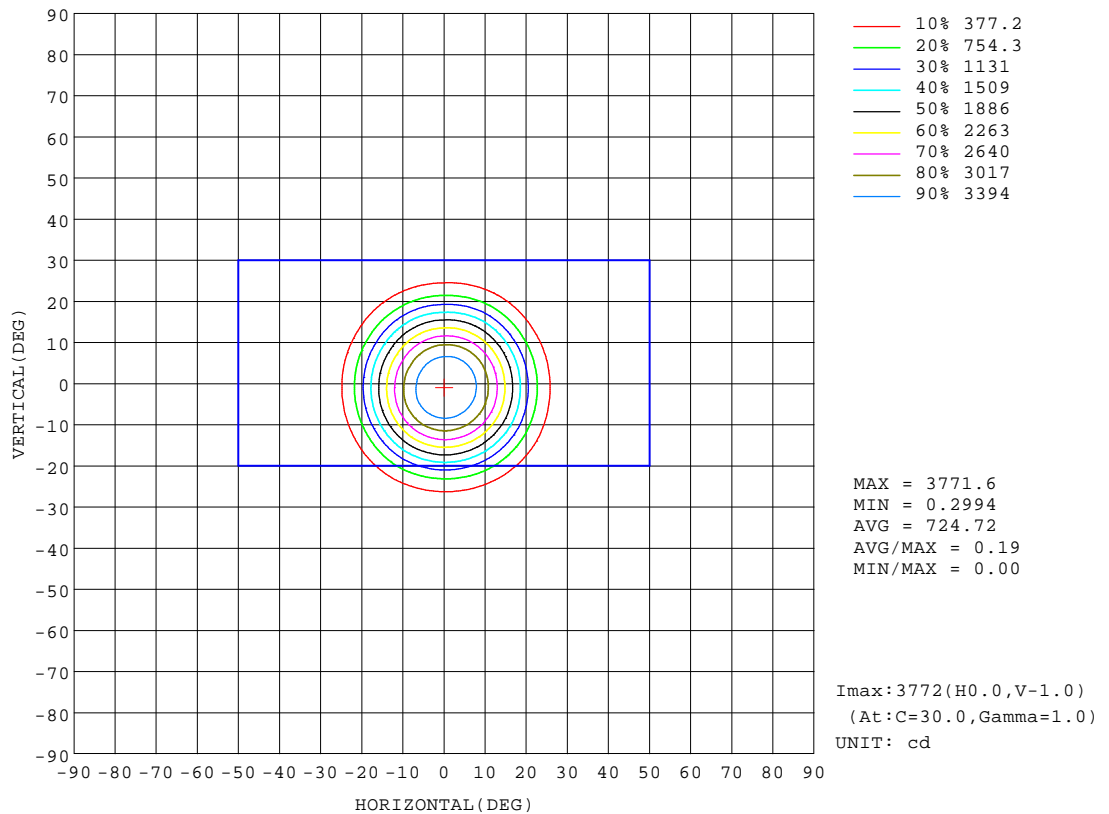
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	55	53	58	55	53	58	55	53	51
0.80	63	60	58	63	59	58	62	59	57	55
1.00	65	62	60	65	62	60	64	62	60	57
1.25	68	65	63	67	64	62	66	64	62	59
1.50	69	66	65	68	66	64	67	65	64	61
2.00	70	68	66	70	67	66	68	66	65	62
2.50	71	69	68	70	68	67	68	67	66	62
3.00	72	70	69	71	69	68	69	68	67	63
4.00	73	72	71	72	71	70	70	69	68	64
5.00	74	73	72	73	72	71	70	70	69	64
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:2024-7-18

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:PUP20A-1WMC 450mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:

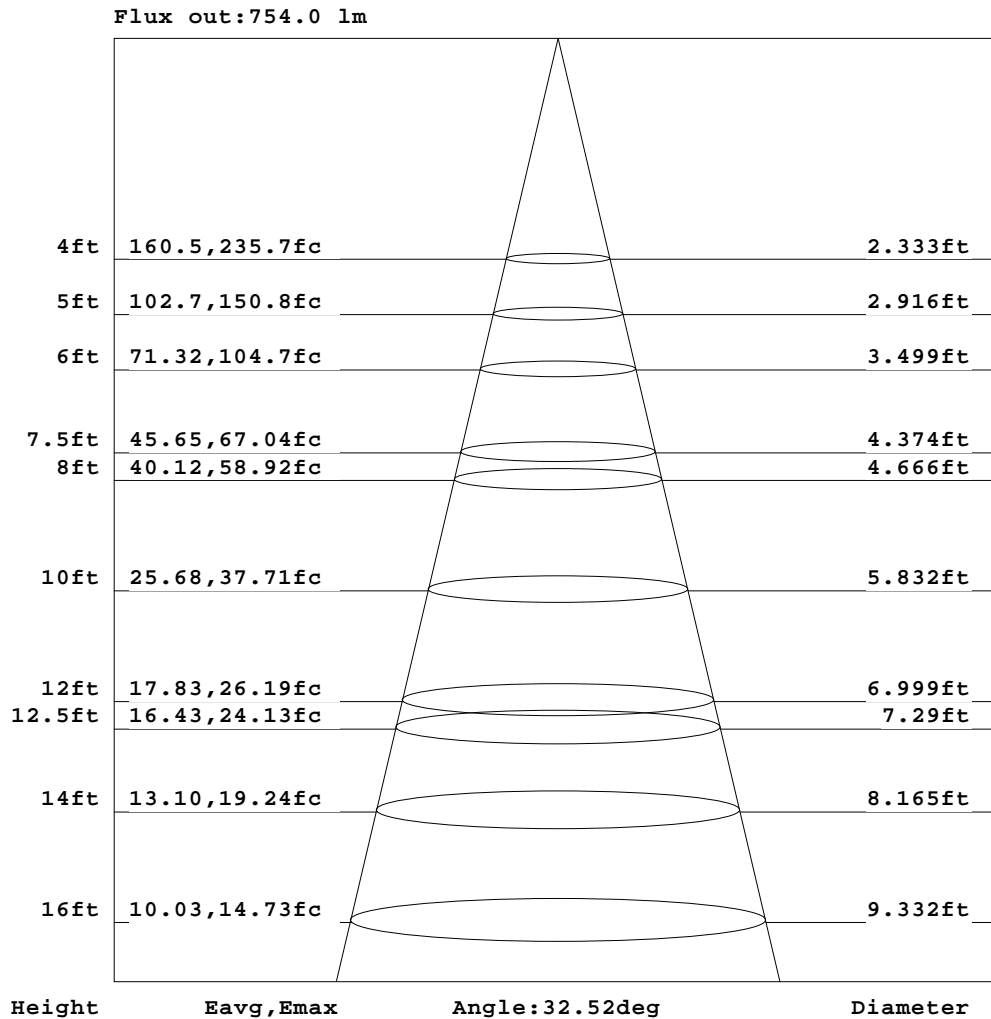


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-18

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: PUP20A-1WMC 450mA  
30minutes warm-up

## AAI Figure

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:



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

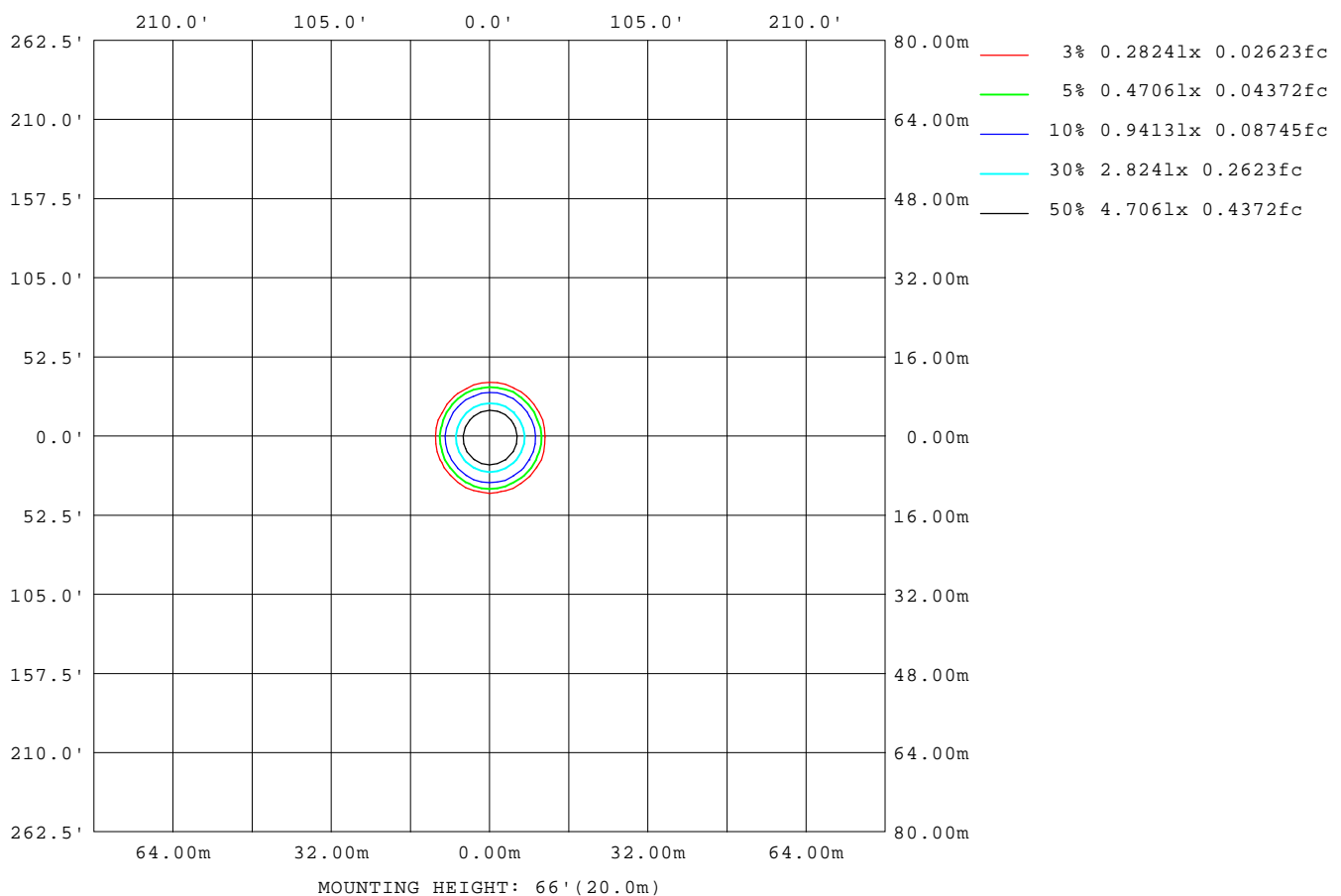
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2024-7-18

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: PUP20A-1WMC 450mA  
30minutes warm-up



## ISOLUX DIAGRAM

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.6lx1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-7-18

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: PUP20A-1WMC 450mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:

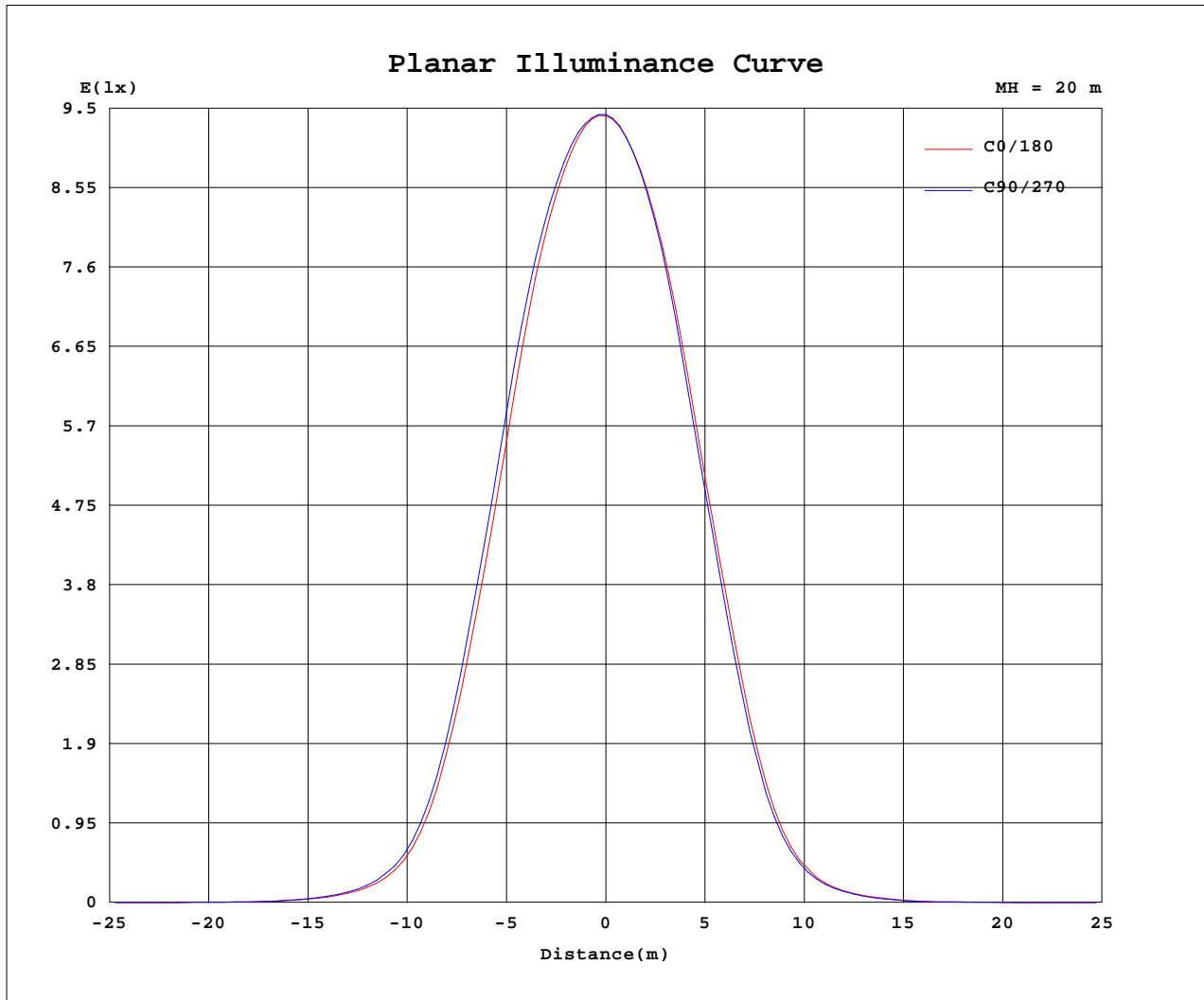
AvgL	cd/m2
L_0~180(65)av	361
L_0~180(75)av	324
L_0~180(85)av	537
L_90~270(65)av	349
L_90~270(75)av	290
L_90~270(85)av	476
L_45(65)av	340
L_45(75)av	275
L_45(85)av	321

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-7-18

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: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: 2024-7-18

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: PUP20A-1WMC 450mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.1581A P:18.889W PF:0.9939 Freq:59.98Hz Lamp Flux:1805.61x1 lm		
NAME: 2318.162-LEA-14	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2407180919
MFR.: RISE	SUR.: 0.00101736m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3768	3768	3768	3768	3768	3768	3768	3768	3768	3768	3768	3768						
5	3633	3655	3661	3661	3637	3596	3548	3518	3522	3537	3570	3606						
10	3136	3194	3223	3227	3182	3091	2973	2897	2895	2918	2989	3064						
15	2224	2327	2373	2372	2310	2177	2049	1963	1958	1974	2057	2132						
20	1226	1321	1348	1339	1287	1153	1057	977	978	980	1073	1121						
25	453	508	519	508	479	405	359	324	329	330	372	393						
30	144	162	165	164	155	126	110	103	102	103	117	125						
35	49.7	56.7	57.5	56.6	52.9	44.1	37.2	33.7	32.9	33.8	38.7	42.7						
40	13.9	16.0	16.0	15.6	14.0	11.2	9.29	9.10	8.92	9.30	10.0	11.5						
45	6.29	6.62	6.44	6.28	6.25	5.26	4.39	4.14	4.23	4.08	4.62	5.46						
50	2.62	2.71	2.87	2.98	2.78	2.09	1.68	1.66	1.64	1.56	1.73	2.15						
55	0.53	0.80	0.84	0.76	0.59	0.52	0.41	0.35	0.34	0.34	0.37	0.43						
60	0.25	0.26	0.26	0.26	0.25	0.24	0.22	0.20	0.20	0.20	0.20	0.22						
65	0.16	0.16	0.17	0.17	0.17	0.15	0.15	0.13	0.13	0.13	0.13	0.14						
70	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.09	0.08	0.09	0.08	0.09						
75	0.09	0.08	0.08	0.09	0.08	0.08	0.08	0.07	0.06	0.07	0.06	0.07						
80	0.07	0.06	0.06	0.07	0.07	0.06	0.07	0.05	0.04	0.05	0.04	0.05						
85	0.05	0.04	0.04	0.05	0.04	0.04	0.05	0.03	0.02	0.03	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  
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Test Date:2024-7-18

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