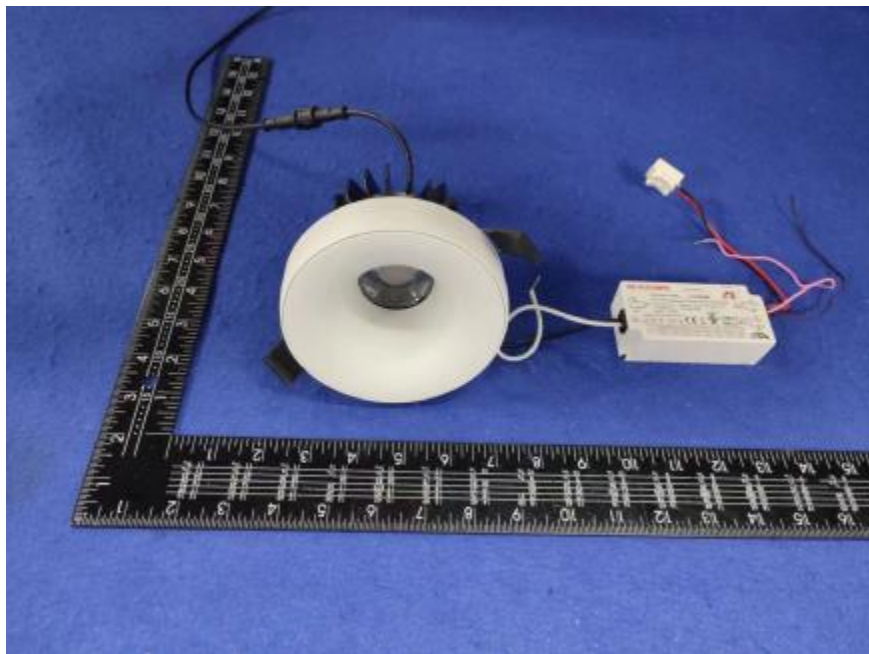


## Luminaire Photograph



Light Output Ratio:	80.9%	
Luminaire Power:	19.93 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: 2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

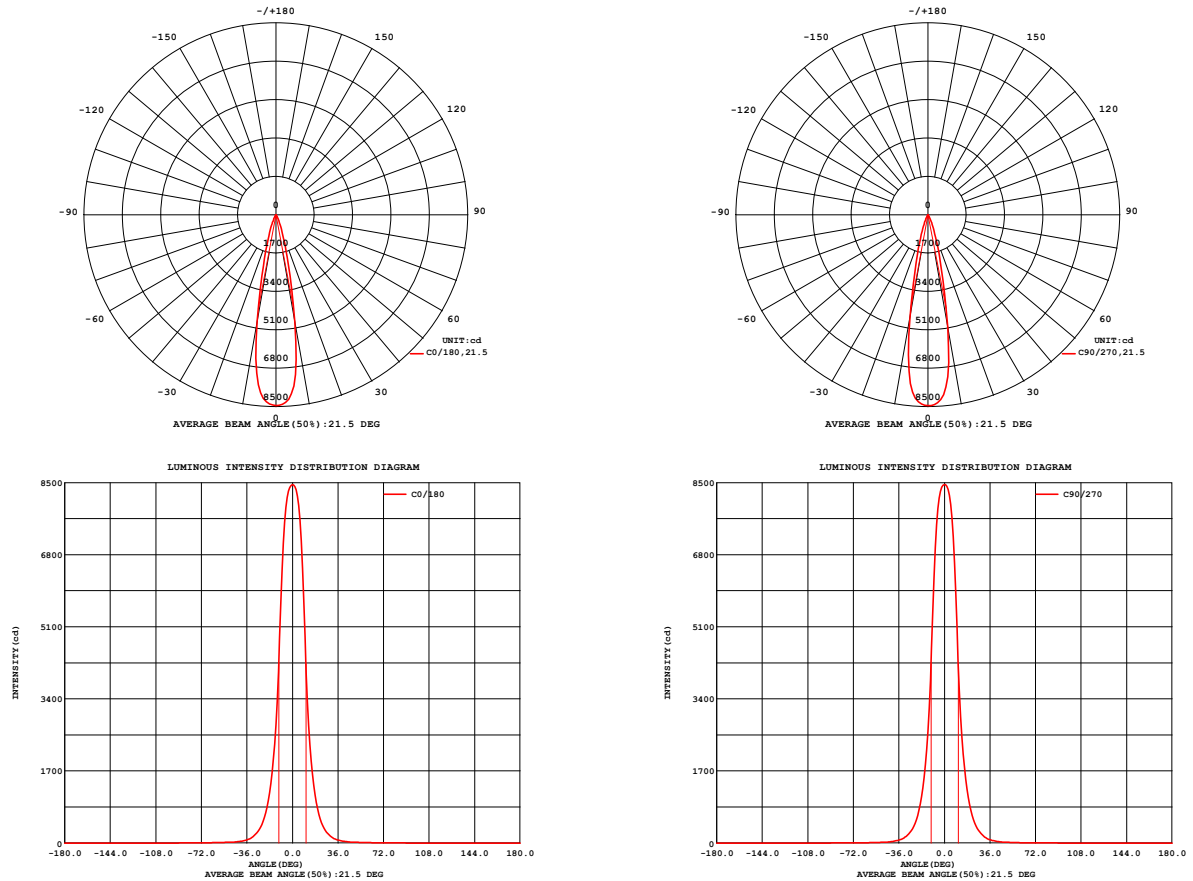


Fig. C0/C180

Fig. C90/C270

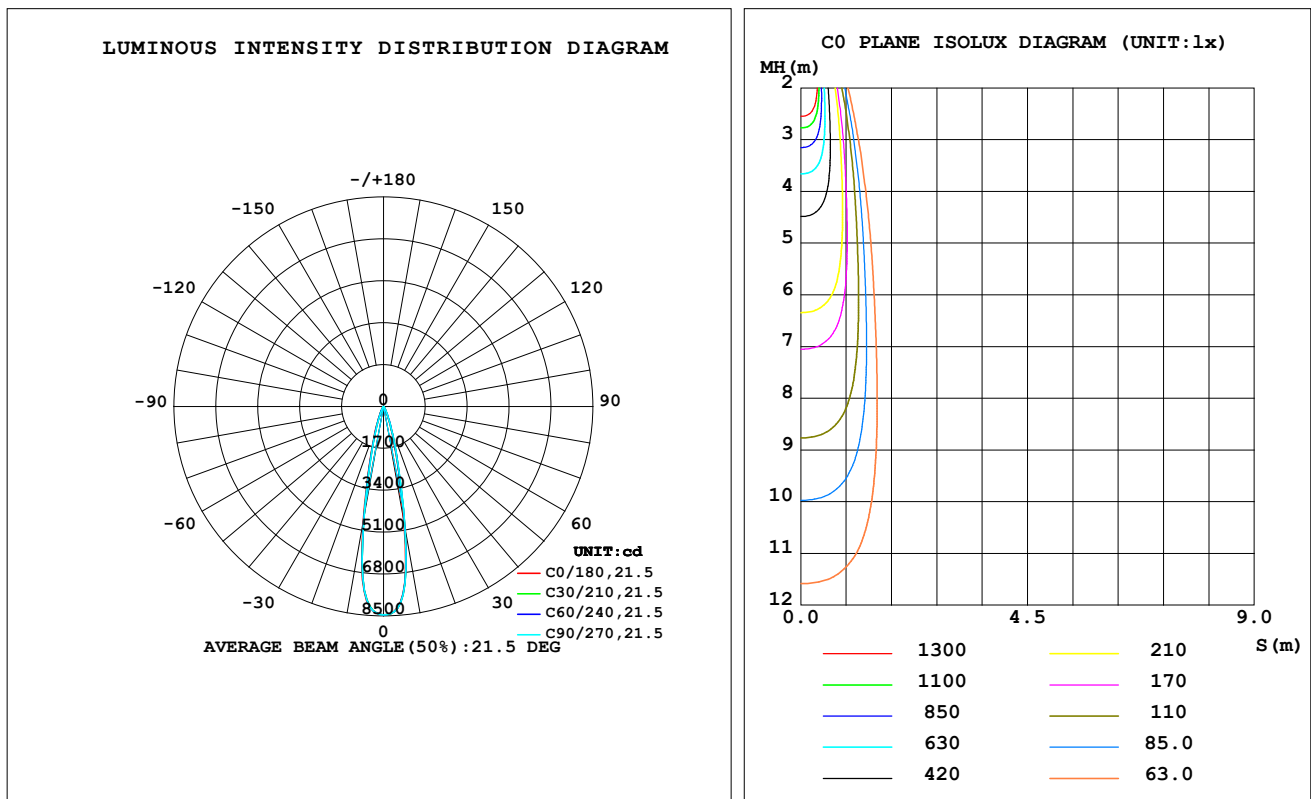
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-11-2

$\gamma$  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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.06 lm/W
MODEL	Bridgelux	I <sub>max</sub> (cd)	8450	S/MH (C0/180)		0.36
NOMINAL POWER(W)	20	LOR(%)	80.9	S/MH (C90/270)		0.35
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1516.2	η UP,DN (C0-180)		0.0,41.7
NOMINAL FLUX(lm)	1874.5	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,39.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE (V)	120	η down (%)	80.9	CIBSE SHR MAX		0.30



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
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	4846	5026	5073	5041	4818	4641	4601	4654	0- 10	659.8	659.8	43.5,35.2
20	814.5	871.5	908.2	895.4	842.1	797.1	781.8	771.2	10- 20	581.7	1241	81.9,66.2
30	163.3	178.6	190.9	188.0	175.3	165.6	158.4	154.7	20- 30	181.4	1423	93.8,75.9
40	42.88	44.89	46.93	47.18	44.90	42.97	41.99	41.48	30- 40	55.81	1479	97.5,78.9
50	16.54	16.70	16.31	17.14	17.31	16.46	15.62	16.19	40- 50	20.01	1499	98.8,79.9
60	9.853	8.761	7.107	9.138	10.41	8.684	6.821	8.640	50- 60	11.38	1510	99.6,80.6
70	3.032	2.303	1.495	2.242	3.199	2.282	1.468	2.200	60- 70	5.027	1515	99.9,80.8
80	0.3876	0.2664	0.1604	0.1956	0.4192	0.2292	0.1496	0.1926	70- 80	1.033	1516	100,80.9
90	0	0	0	0	0	0	0	0	80- 90	0.0955	1516	100,80.9
100	0	0	0	0	0	0	0	0	90-100	0	1516	100,80.9
110	0	0	0	0	0	0	0	0	100-110	0	1516	100,80.9
120	0	0	0	0	0	0	0	0	110-120	0	1516	100,80.9
130	0	0	0	0	0	0	0	0	120-130	0	1516	100,80.9
140	0	0	0	0	0	0	0	0	130-140	0	1516	100,80.9
150	0	0	0	0	0	0	0	0	140-150	0	1516	100,80.9
160	0	0	0	0	0	0	0	0	150-160	0	1516	100,80.9
170	0	0	0	0	0	0	0	0	160-170	0	1516	100,80.9
180	0	0	0	0	0	0	0	0	170-180	0	1516	100,80.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

$\gamma$  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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz  
Lamp Flux:1874.5x1 lm

NAME: 2318.223-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

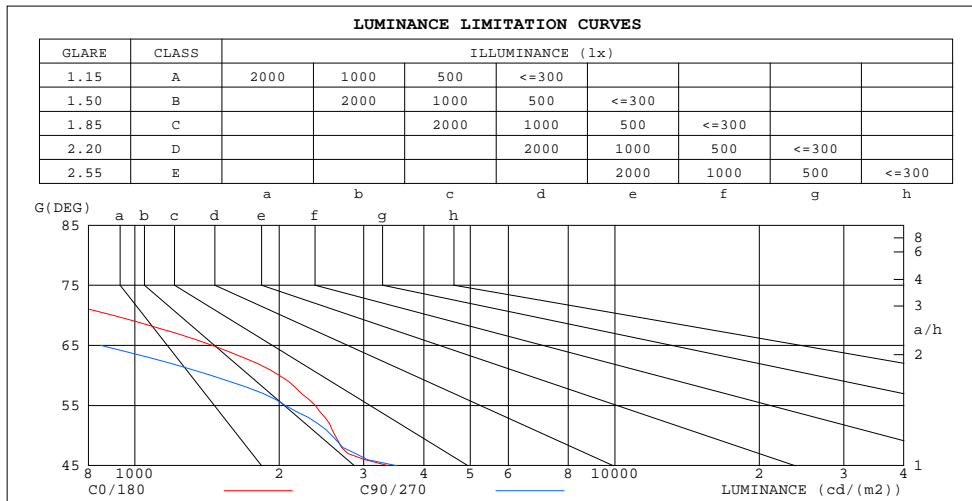
DIM.:

SERIAL No.: 2311021300

MFR.: RISE

SUR.: 0.00984704m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	128	90
80	227	94
75	483	216
70	900	444
65	1450	850
60	2002	1443
55	2377	2061
50	2614	2576
45	3379	3515

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz  
Lamp Flux:1874.5x1 lm

NAME: 2318.223-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

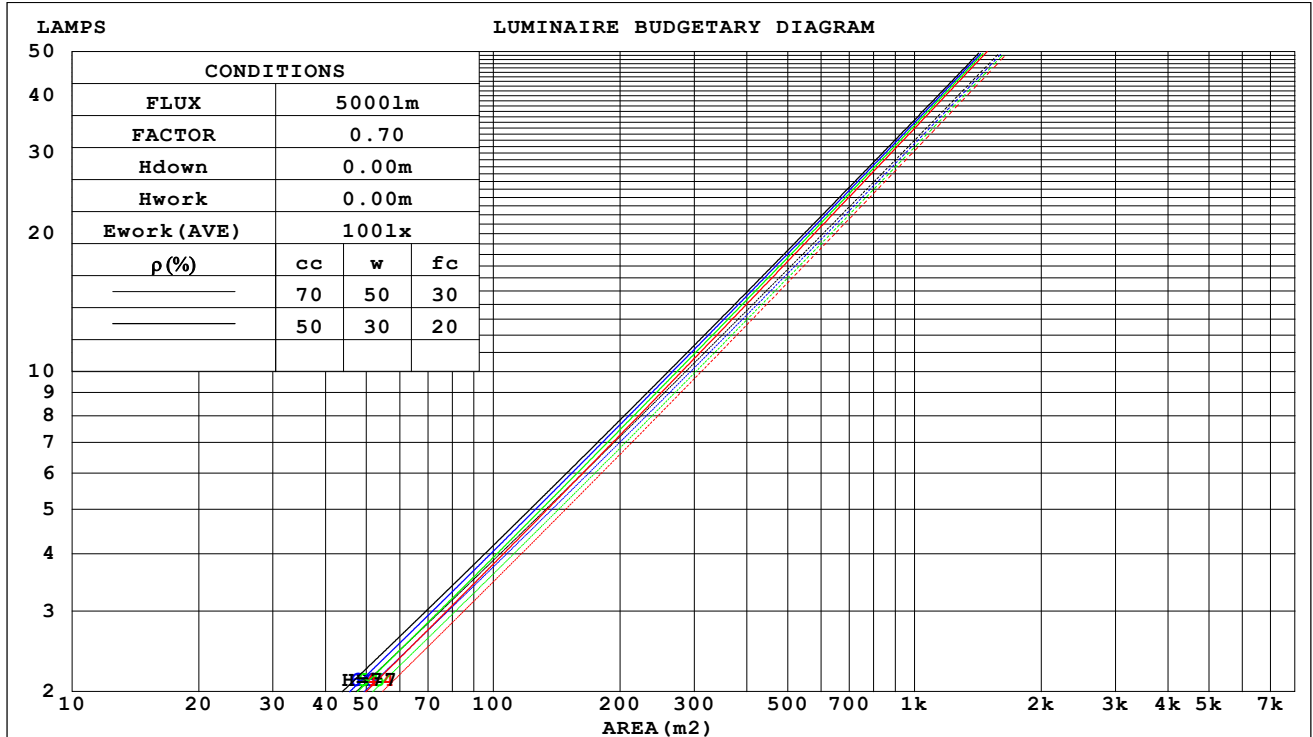
SERIAL No.: 2311021300

MFR.: RISE

SUR.: 0.00984704m2

Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

$\gamma$  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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	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	.108	.061	.019	.102	.058	.019	.092	.053	.017	.083	.048	.015	.075	.043	.014	
2.0	.100	.055	.017	.095	.053	.016	.087	.048	.015	.080	.045	.014	.073	.041	.013	
3.0	.093	.049	.015	.089	.048	.014	.082	.045	.014	.076	.042	.013	.070	.039	.012	
4.0	.087	.045	.013	.084	.044	.013	.078	.041	.012	.072	.039	.012	.067	.037	.011	
5.0	.081	.041	.012	.079	.040	.012	.074	.038	.011	.069	.037	.011	.065	.035	.010	
6.0	.077	.038	.011	.074	.038	.011	.070	.036	.010	.066	.034	.010	.063	.033	.010	
7.0	.073	.036	.010	.071	.035	.010	.067	.034	.010	.064	.033	.009	.060	.031	.009	
8.0	.069	.034	.009	.067	.033	.009	.064	.032	.009	.061	.031	.009	.058	.030	.009	
9.0	.066	.032	.009	.064	.031	.009	.061	.030	.009	.059	.029	.008	.056	.029	.008	
10.0	.063	.030	.008	.061	.030	.008	.059	.029	.008	.057	.028	.008	.054	.027	.008	

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	.154	.154	.154	.132	.132	.132	.090	.090	.090	.052	.052	.052	.017	.017	.017	
1.0	.136	.128	.120	.116	.109	.103	.080	.075	.071	.046	.044	.042	.015	.014	.013	
2.0	.121	.107	.096	.104	.092	.083	.071	.064	.058	.041	.037	.034	.013	.012	.011	
3.0	.109	.092	.078	.093	.079	.068	.064	.055	.047	.037	.032	.028	.012	.010	.009	
4.0	.099	.079	.064	.085	.068	.056	.058	.048	.039	.034	.028	.023	.011	.009	.008	
5.0	.090	.069	.054	.077	.060	.047	.053	.042	.033	.031	.025	.020	.010	.008	.006	
6.0	.082	.061	.046	.071	.053	.040	.049	.037	.028	.028	.022	.017	.009	.007	.006	
7.0	.076	.054	.039	.066	.047	.034	.045	.033	.024	.026	.019	.014	.008	.006	.005	
8.0	.071	.049	.034	.061	.042	.029	.042	.030	.021	.025	.018	.012	.008	.006	.004	
9.0	.066	.044	.029	.057	.038	.026	.039	.027	.018	.023	.016	.011	.007	.005	.004	
10.0	.062	.040	.026	.053	.035	.022	.037	.025	.016	.022	.015	.010	.007	.005	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm										
NAME: 2318.223-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2311021300		
MFR.: RISE					SUR.: 0.00984704m2			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	5.5	6.1	5.7	6.3	6.4	5.4	6.1	5.6	6.2	6.4
3H	5.7	6.2	5.9	6.4	6.6	5.4	6.0	5.6	6.2	6.4
4H	5.6	6.2	5.9	6.4	6.6	5.3	5.9	5.6	6.1	6.3
6H	5.6	6.1	5.8	6.3	6.6	5.3	5.8	5.5	6.0	6.2
8H	5.5	6.0	5.8	6.3	6.5	5.2	5.7	5.5	6.0	6.2
12H	5.5	6.0	5.8	6.2	6.5	5.2	5.7	5.5	5.9	6.2
4H 2H	5.5	6.1	5.8	6.3	6.5	5.5	6.0	5.7	6.2	6.4
3H	5.7	6.2	6.0	6.4	6.7	5.4	5.9	5.7	6.2	6.4
4H	5.7	6.1	6.0	6.4	6.7	5.3	5.8	5.7	6.1	6.4
6H	5.6	6.0	6.0	6.3	6.7	5.2	5.6	5.6	6.0	6.3
8H	5.5	5.9	5.9	6.3	6.6	5.2	5.6	5.6	5.9	6.3
12H	5.5	5.8	5.9	6.2	6.6	5.1	5.5	5.5	5.8	6.2
8H 4H	5.5	5.9	5.9	6.2	6.6	5.2	5.6	5.6	5.9	6.3
6H	5.4	5.7	5.9	6.1	6.5	5.1	5.4	5.5	5.8	6.2
8H	5.4	5.7	5.8	6.1	6.5	5.0	5.3	5.5	5.7	6.2
12H	5.3	5.6	5.8	6.0	6.5	5.0	5.2	5.4	5.7	6.1
12H 4H	5.5	5.8	5.9	6.2	6.6	5.2	5.5	5.6	5.9	6.2
6H	5.4	5.7	5.8	6.1	6.5	5.0	5.3	5.5	5.7	6.2
8H	5.3	5.6	5.8	6.0	6.5	5.0	5.2	5.4	5.7	6.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.6 / - 2.2					+ 2.3 / - 3.3				
1.5H	+ 2.9 / - 1.6					+ 3.6 / - 2.2				
2.0H	+ 1.4 / - 1.5					+ 2.3 / - 3.0				

CIE Pub.117, 1875 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)  
Area: 0.00984704 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	Shielding Angle:

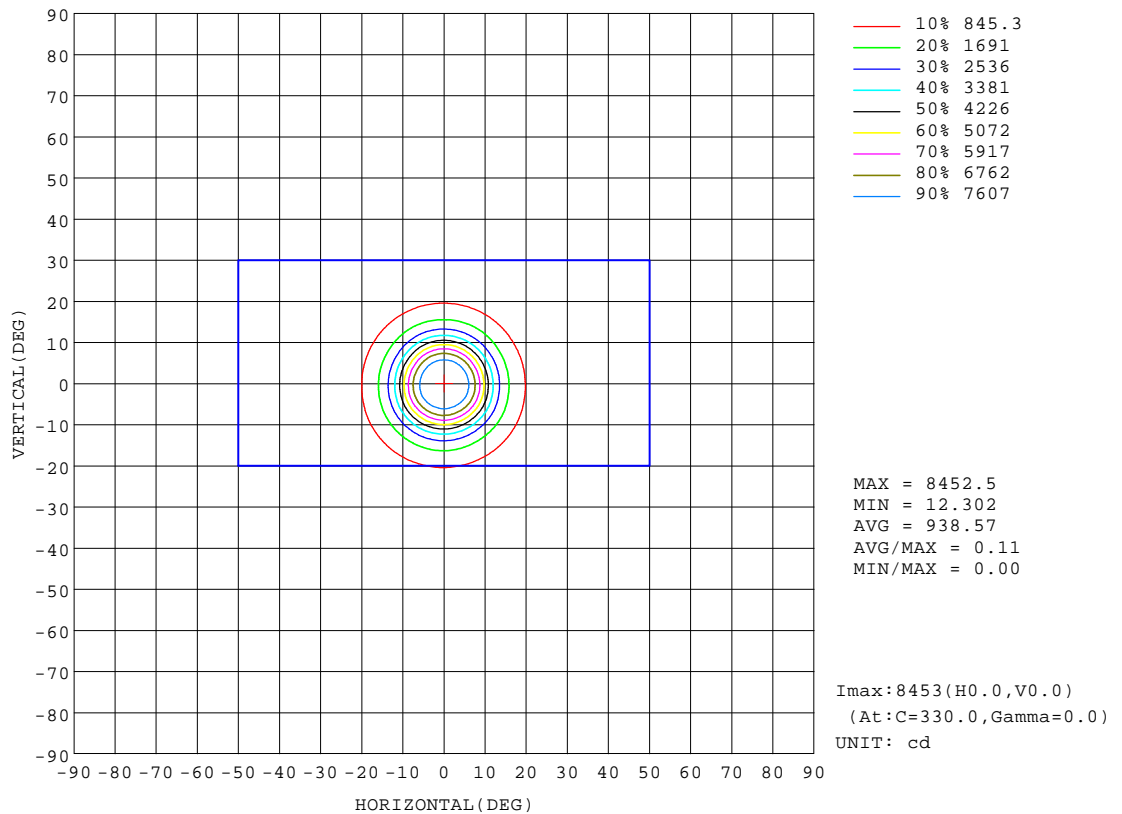
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	68	65	72	68	65	72	68	65	62
0.80	79	74	71	78	74	71	77	73	71	68
1.00	82	78	75	81	77	75	80	77	74	71
1.25	85	81	78	84	80	78	82	79	77	74
1.50	87	83	81	86	83	80	84	81	79	76
2.00	89	85	83	87	85	82	85	83	81	77
2.50	90	87	85	89	86	84	86	84	82	78
3.00	91	88	86	90	87	85	87	85	84	79
4.00	92	90	89	91	89	88	88	87	85	80
5.00	93	92	90	92	90	89	89	88	87	81
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: 2023-11-2

$\gamma$  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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	Shielding Angle:

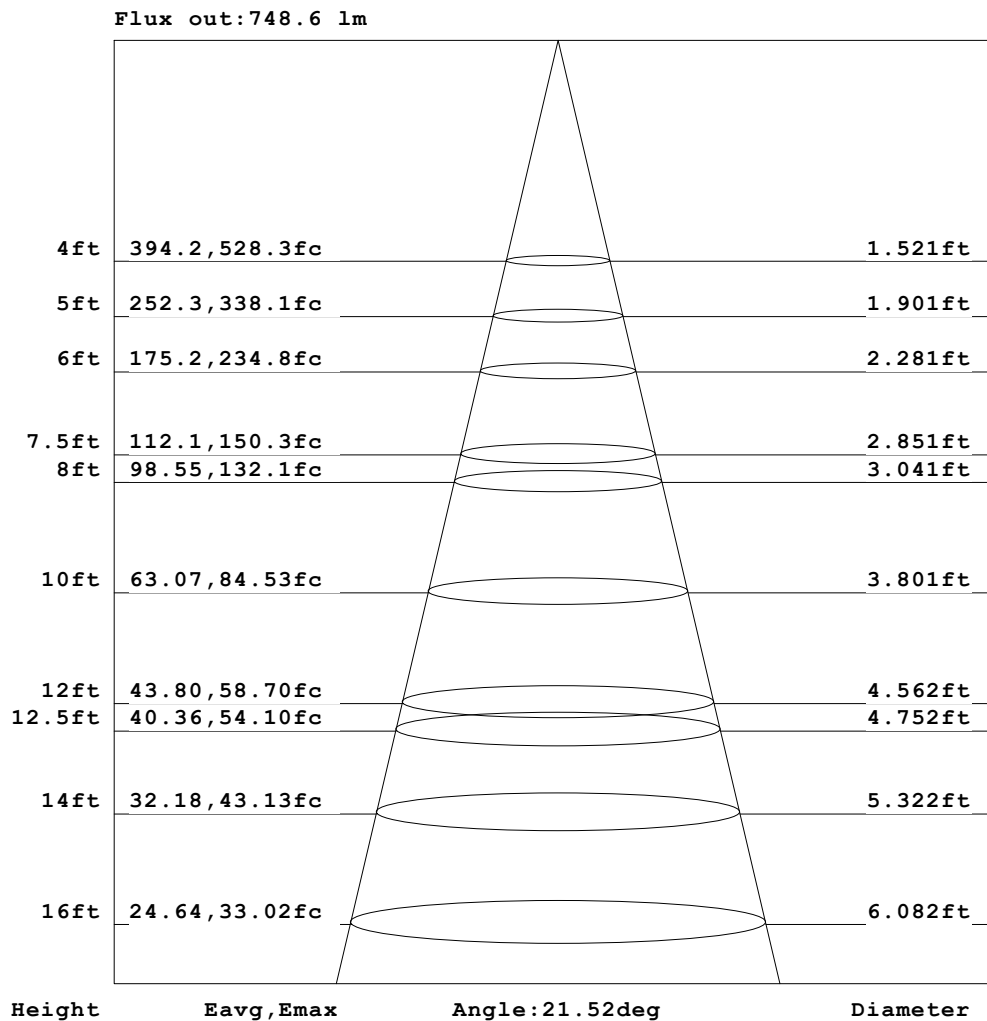


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## AAI Figure

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	Shielding Angle:



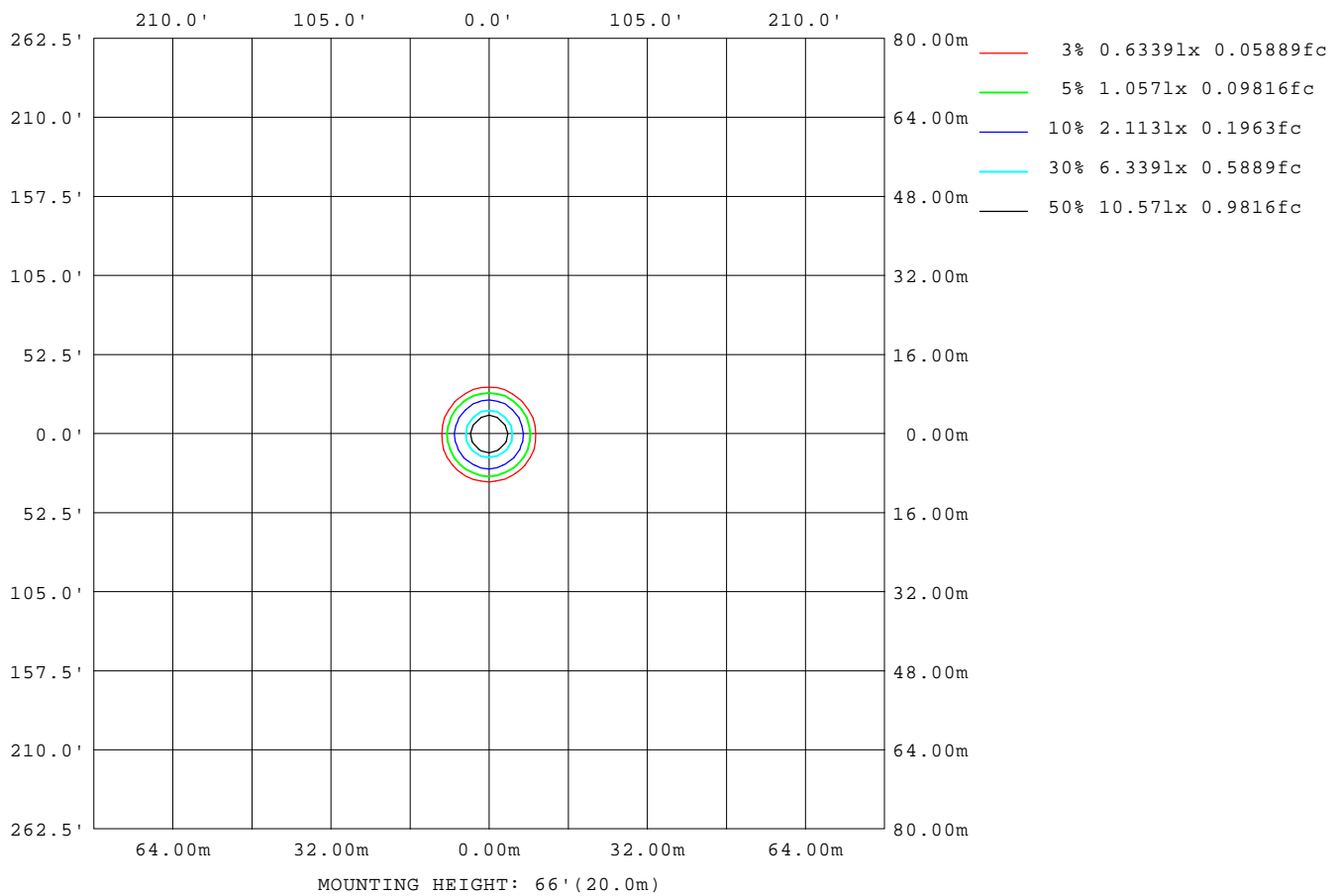
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3 °C  
Operators:zoe  
Test Date:2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

### LED Avg.L Report

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	Shielding Angle:

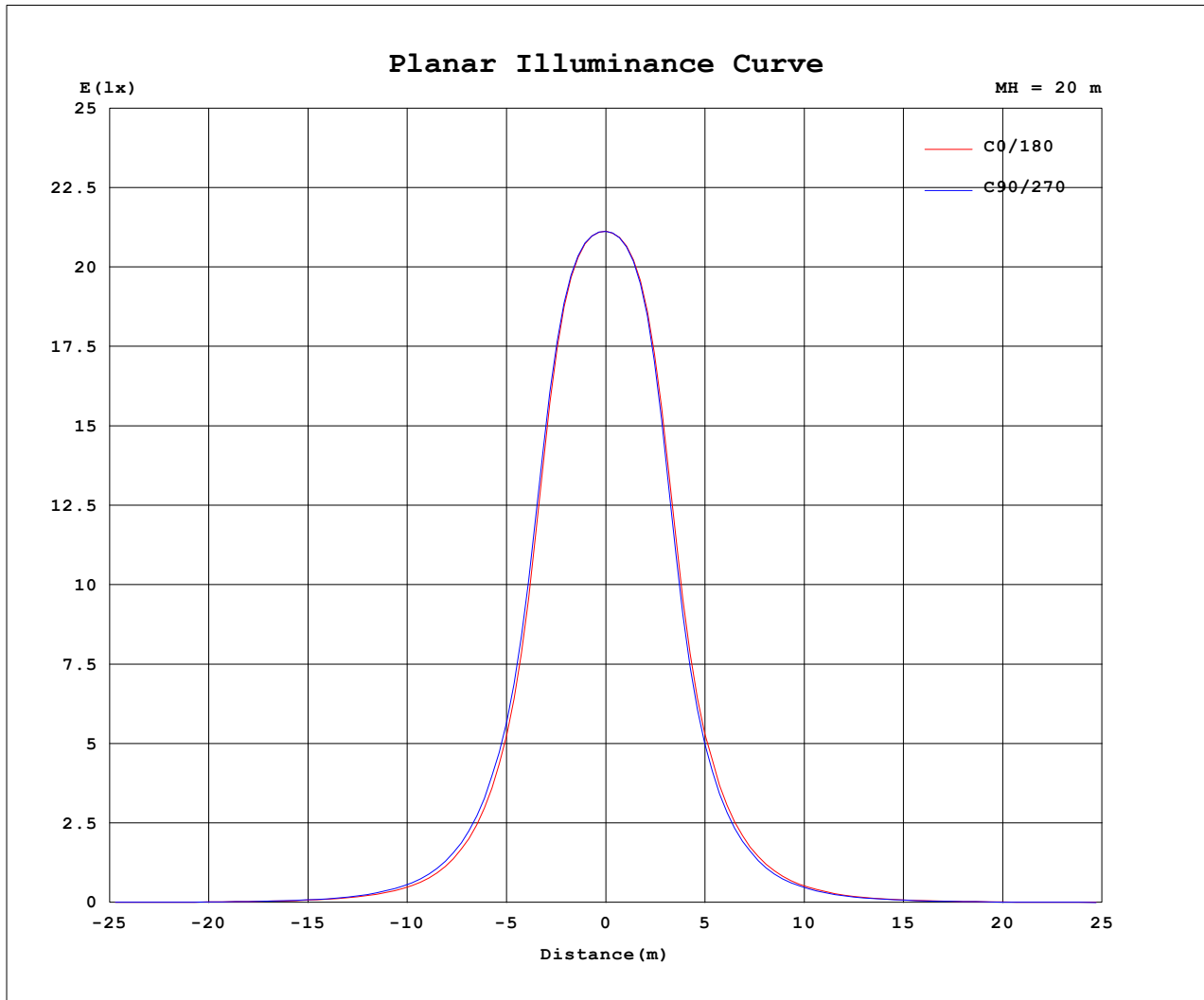
AvgL	cd/m2
L_0~180 (65) av	1494
L_0~180 (75) av	498
L_0~180 (85) av	129
L_90~270 (65) av	839
L_90~270 (75) av	209
L_90~270 (85) av	84
L_45 (65) av	1183
L_45 (75) av	316
L_45 (85) av	58

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-11-2

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-1083 15R  
DRIVER: PUP20A-1WMC 500mA  
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: 2023-11-2

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-1083 15R  
 DRIVER: PUP20A-1WMC 500mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.21V I:0.1666A P:19.933W PF:0.9940 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.223-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2311021300
MFR.: RISE	SUR.: 0.00984704m2	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	8450	8450	8450	8450	8450	8450	8450	8450	8450	8450	8450	8450						
5	7958	8001	7986	7993	7988	7978	7916	7865	7885	7881	7898	7918						
10	4846	5029	5022	5073	5070	5012	4818	4639	4643	4601	4629	4678						
15	1939	2079	2059	2102	2100	2065	1997	1879	1898	1842	1874	1858						
20	815	862	882	908	902	889	842	809	785	782	766	776						
25	348	375	384	403	406	396	373	352	346	336	333	328						
30	163	177	181	191	191	186	175	167	164	158	156	153						
35	80.9	84.3	87.0	90.1	91.3	89.1	84.6	81.6	80.0	78.0	76.9	76.4						
40	42.9	44.5	45.3	46.9	47.5	46.9	44.9	43.1	42.8	42.0	41.7	41.3						
45	23.5	24.8	24.4	24.5	25.5	26.1	25.1	24.0	22.6	21.6	22.6	22.8						
50	16.5	16.9	16.5	16.3	16.8	17.5	17.3	16.9	16.0	15.6	16.0	16.4						
55	13.4	13.6	12.2	11.6	12.5	14.3	14.3	13.6	11.9	11.0	12.0	13.2						
60	9.85	9.67	7.85	7.11	8.17	10.1	10.4	9.65	7.72	6.82	7.80	9.48						
65	6.03	5.77	4.06	3.54	4.24	5.78	6.40	5.78	4.02	3.45	4.12	5.56						
70	3.03	2.83	1.77	1.50	1.86	2.63	3.20	2.83	1.74	1.47	1.79	2.61						
75	1.23	1.10	0.63	0.55	0.64	0.91	1.31	1.09	0.60	0.51	0.61	0.93						
80	0.39	0.31	0.22	0.16	0.17	0.22	0.42	0.30	0.16	0.15	0.15	0.23						
85	0.11	0.07	0.11	0.08	0.03	0.05	0.11	0.05	0.04	0.07	0.04	0.05						
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:2023-11-2

γ Range: 0 - 180DEG  
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