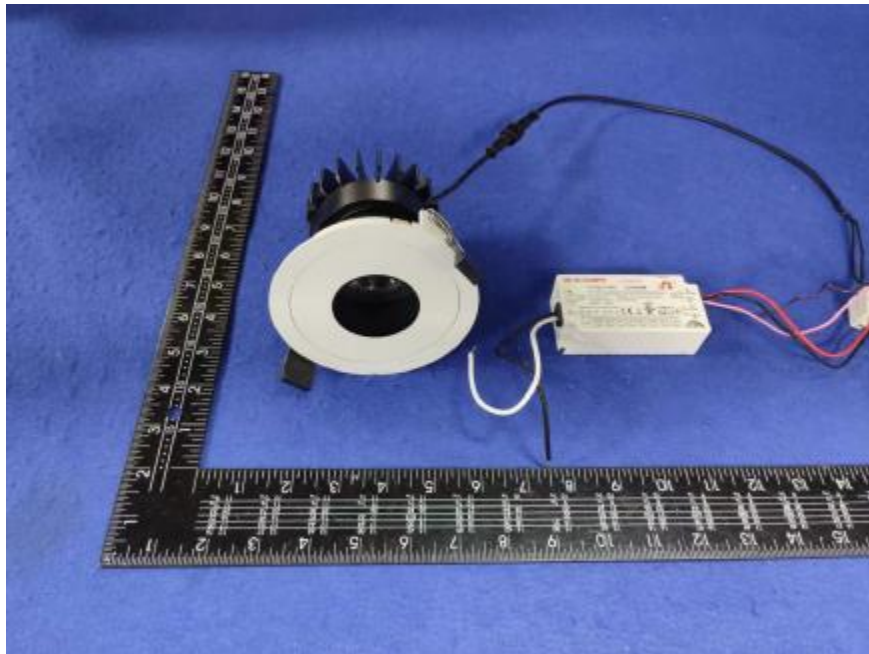


## Luminaire Photograph



Light Output Ratio:	78.0%	
Luminaire Power:	19.67 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: 2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

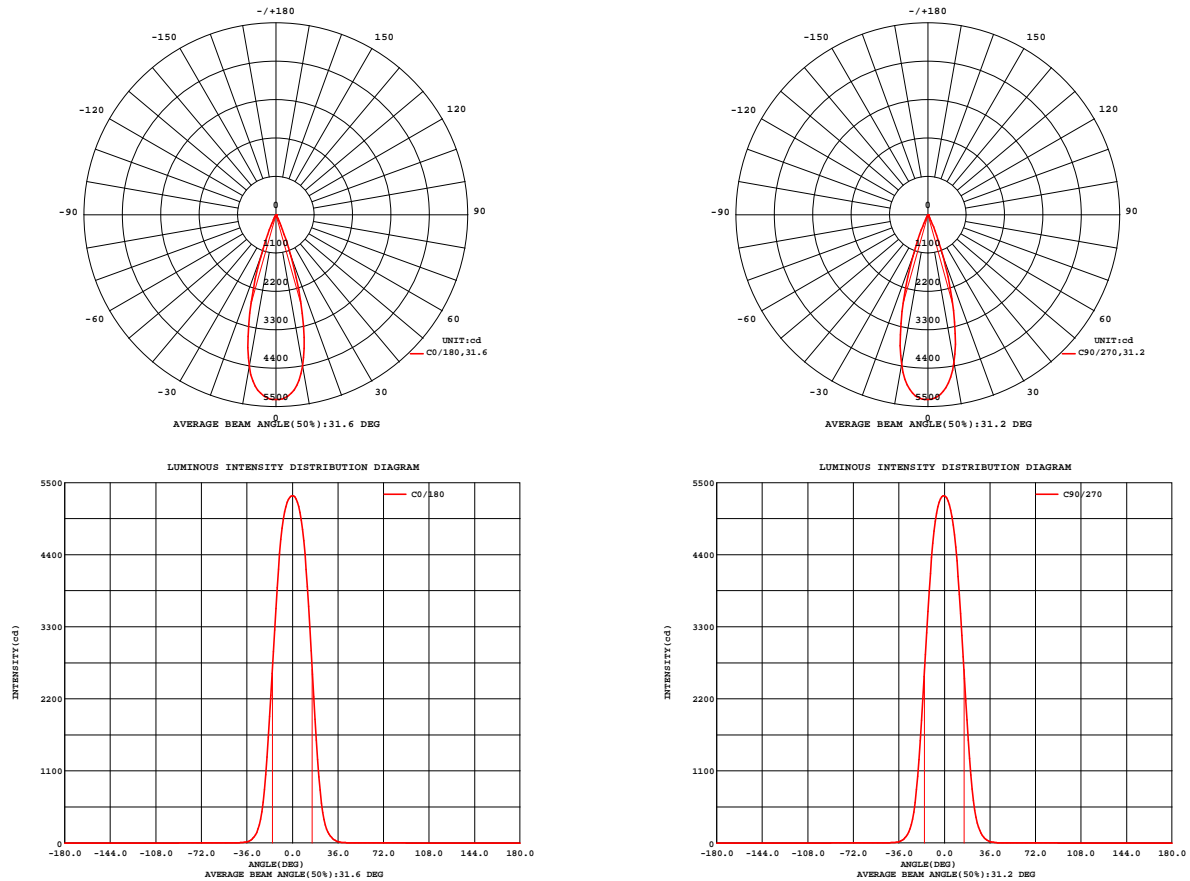


Fig. C0/C180

Fig. C90/C270

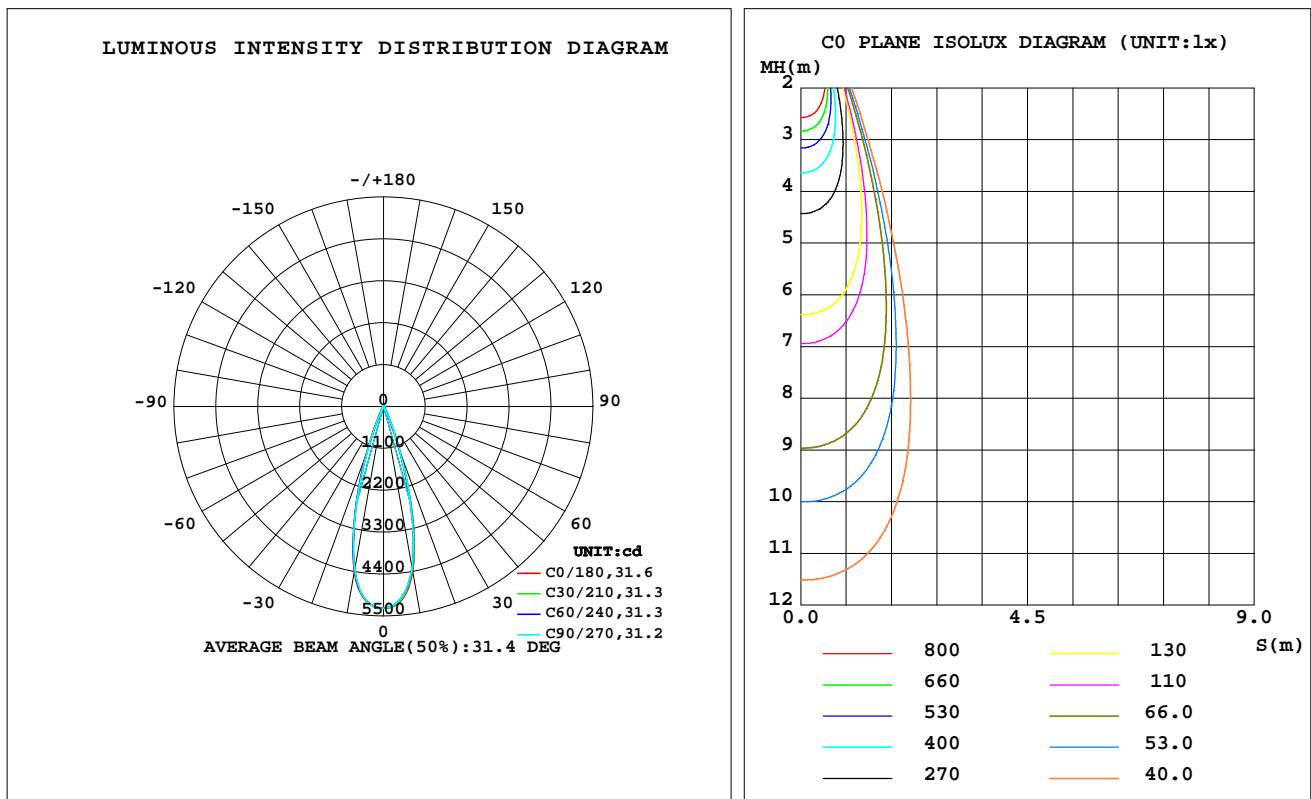
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-10-11

$\gamma$  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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.39 lm/W			
MODEL	Bridgelux	Imax(cd)	5298	S/MH(C0/180)	0.49
NOMINAL POWER(W)	20	LOR(%)	78.0	S/MH(C90/270)	0.49
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1463.0	$\eta$ UP,DN(C0-180)	0.0,39.0
NOMINAL FLUX(lm)	1874.5	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,39.1
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	$\eta$ down(%)	78.0	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

$\gamma$  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-1083A 24R  
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	4410	4329	4307	4374	4419	4366	4354	4415	0- 10	465.6	465.6	31.8,24.8
20	1272	1272	1292	1302	1311	1291	1272	1288	10- 20	765.6	1231	84.2,65.7
30	105.8	109.9	117.2	100.7	95.30	98.98	102.3	102.2	20- 30	206.6	1438	98.3,76.7
40	7.725	8.977	7.765	7.162	6.636	7.096	7.775	7.449	30- 40	21.90	1460	99.8,77.9
50	0.6635	2.339	0.7395	1.015	0.6840	0.6674	0.7945	0.9389	40- 50	2.331	1462	99.9,78
60	0.3363	0.3357	0.3988	0.5777	0.4399	0.4284	0.4883	0.5230	50- 60	0.5277	1463	100,78
70	0.1175	0.0827	0.1413	0.2428	0.2265	0.2135	0.2411	0.2149	60- 70	0.3070	1463	100,78
80	0.0790	0.0499	0.0589	0.0691	0.0976	0.0736	0.0889	0.0669	70- 80	0.1267	1463	100,78
90	0	0	0	0	0	0	0	0	80- 90	0.0399	1463	100,78
100	0	0	0	0	0	0	0	0	90-100	0	1463	100,78
110	0	0	0	0	0	0	0	0	100-110	0	1463	100,78
120	0	0	0	0	0	0	0	0	110-120	0	1463	100,78
130	0	0	0	0	0	0	0	0	120-130	0	1463	100,78
140	0	0	0	0	0	0	0	0	130-140	0	1463	100,78
150	0	0	0	0	0	0	0	0	140-150	0	1463	100,78
160	0	0	0	0	0	0	0	0	150-160	0	1463	100,78
170	0	0	0	0	0	0	0	0	160-170	0	1463	100,78
180	0	0	0	0	0	0	0	0	170-180	0	1463	100,78
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

$\gamma$  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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LUMINANCE LIMITATION CURVES

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz  
Lamp Flux:1874.5x1 lm

NAME: 2318.138-LEA-15

TYPE:

WEIGHT:

SPEC.: 3000K

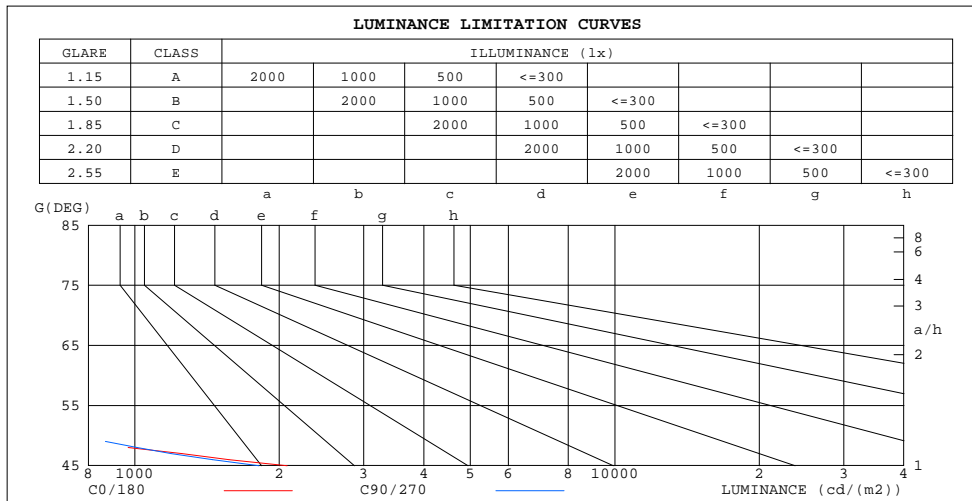
DIM.:

SERIAL No.: 2310111213

MFR.: RISE

SUR.: 0.001589625m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	506	264
80	287	213
75	205	214
70	216	260
65	336	386
60	423	502
55	450	570
50	650	724
45	2076	1814

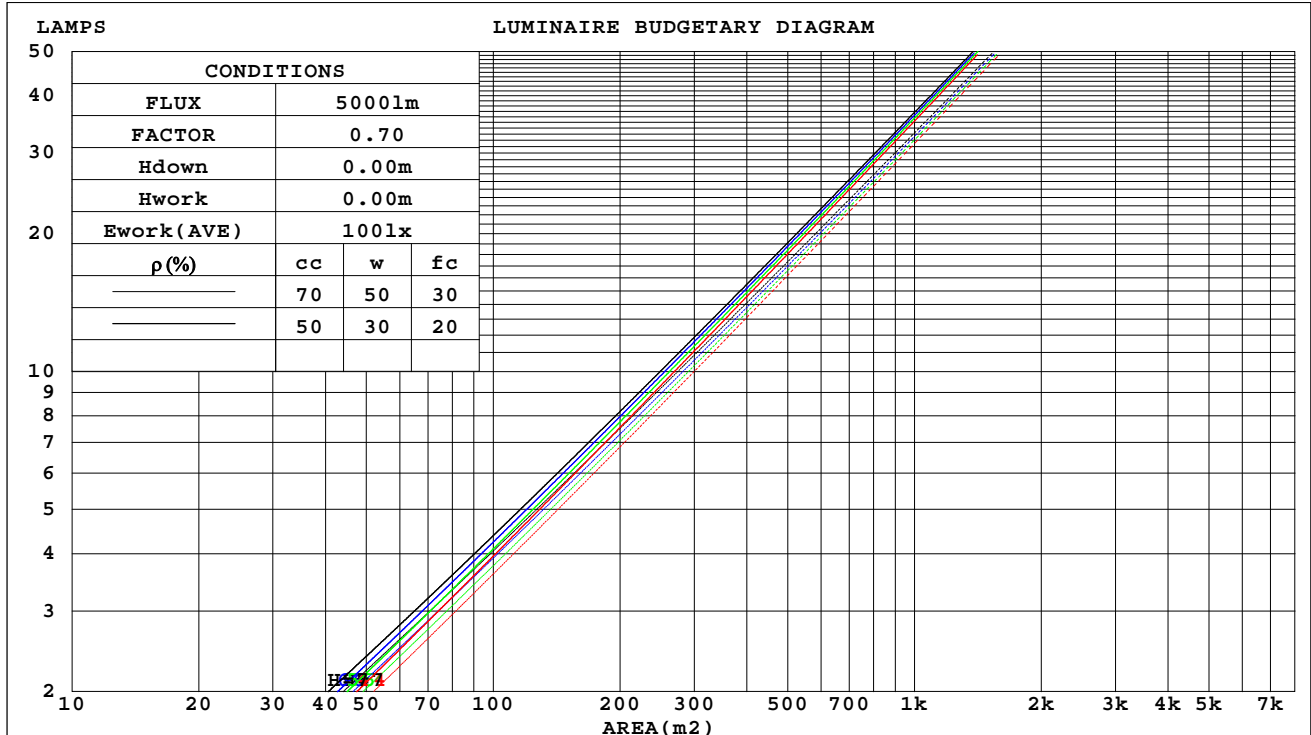
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	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:2023-10-11

$\gamma$  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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	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	.105	.060	.019	.100	.057	.018	.090	.052	.017	.081	.047	.015	.073	.042	.014	
2.0	.097	.053	.016	.093	.051	.016	.085	.047	.015	.078	.044	.014	.071	.040	.013	
3.0	.090	.048	.014	.087	.047	.014	.080	.044	.013	.074	.041	.012	.069	.038	.012	
4.0	.085	.044	.013	.082	.043	.013	.076	.040	.012	.071	.038	.012	.066	.036	.011	
5.0	.080	.041	.012	.077	.040	.012	.073	.038	.011	.068	.036	.011	.064	.034	.010	
6.0	.076	.038	.011	.074	.037	.011	.069	.036	.010	.066	.034	.010	.062	.033	.010	
7.0	.072	.036	.010	.070	.035	.010	.067	.034	.010	.063	.032	.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	.062	.030	.009	.059	.030	.008	.057	.029	.008	
10.0	.063	.030	.008	.062	.030	.008	.059	.029	.008	.057	.028	.008	.055	.028	.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	.149	.149	.149	.127	.127	.127	.087	.087	.087	.050	.050	.050	.016	.016	.016		
1.0	.131	.123	.116	.112	.106	.100	.077	.073	.069	.044	.042	.040	.014	.014	.013		
2.0	.117	.104	.092	.100	.089	.080	.069	.062	.056	.040	.036	.033	.013	.012	.011		
3.0	.105	.088	.075	.090	.076	.065	.062	.053	.046	.036	.031	.027	.011	.010	.009		
4.0	.095	.076	.062	.082	.066	.054	.056	.046	.038	.033	.027	.022	.010	.009	.007		
5.0	.087	.067	.052	.075	.058	.045	.052	.040	.032	.030	.024	.019	.010	.008	.006		
6.0	.080	.059	.044	.069	.051	.038	.048	.036	.027	.028	.021	.016	.009	.007	.005		
7.0	.074	.053	.037	.064	.046	.032	.044	.032	.023	.026	.019	.014	.008	.006	.005		
8.0	.069	.047	.032	.060	.041	.028	.041	.029	.020	.024	.017	.012	.008	.006	.004		
9.0	.065	.043	.028	.056	.037	.024	.039	.026	.017	.023	.015	.010	.007	.005	.003		
10.0	.061	.039	.024	.053	.034	.021	.037	.024	.015	.021	.014	.009	.007	.005	.003		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm										
NAME: 2318.138-LEA-15					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310111213		
MFR.: RISE					SUR.: 0.001589625m2			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	3.8	4.4	4.0	4.6	4.7	4.0	4.6	4.2	4.8	4.9
3H	3.7	4.3	3.9	4.4	4.6	3.8	4.4	4.1	4.6	4.8
4H	3.6	4.1	3.8	4.4	4.6	3.8	4.3	4.0	4.5	4.7
6H	3.5	4.0	3.8	4.3	4.5	3.7	4.2	3.9	4.4	4.7
8H	3.5	4.0	3.8	4.2	4.5	3.6	4.1	3.9	4.4	4.6
12H	3.4	3.9	3.7	4.2	4.4	3.6	4.1	3.9	4.3	4.6
4H 2H	3.6	4.1	3.8	4.4	4.6	3.7	4.3	4.0	4.5	4.7
3H	3.4	3.9	3.7	4.2	4.4	3.6	4.1	3.9	4.3	4.6
4H	3.3	3.8	3.7	4.1	4.4	3.5	3.9	3.8	4.2	4.5
6H	3.2	3.6	3.6	4.0	4.3	3.4	3.8	3.8	4.1	4.5
8H	3.2	3.5	3.6	3.9	4.3	3.3	3.7	3.7	4.1	4.4
12H	3.1	3.5	3.5	3.8	4.2	3.3	3.6	3.7	4.0	4.4
8H 4H	3.2	3.5	3.5	3.9	4.2	3.3	3.7	3.7	4.1	4.4
6H	3.1	3.4	3.5	3.8	4.2	3.2	3.5	3.6	3.9	4.3
8H	3.0	3.3	3.4	3.7	4.1	3.2	3.4	3.6	3.9	4.3
12H	2.9	3.2	3.4	3.6	4.1	3.1	3.3	3.6	3.8	4.2
12H 4H	3.1	3.5	3.5	3.8	4.2	3.3	3.6	3.7	4.0	4.4
6H	3.0	3.3	3.4	3.7	4.1	3.2	3.4	3.6	3.9	4.3
8H	2.9	3.2	3.4	3.6	4.1	3.1	3.3	3.6	3.8	4.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.4 / -11.1					+ 4.3 / -10.7				
1.5H	+ 5.7 / -10.8					+ 7.0 / -10.5				
2.0H	+ 6.6 / - 5.3					+ 5.3 / - 2.4				

CIE Pub.117, 1875 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)  
Area: 0.00158963 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

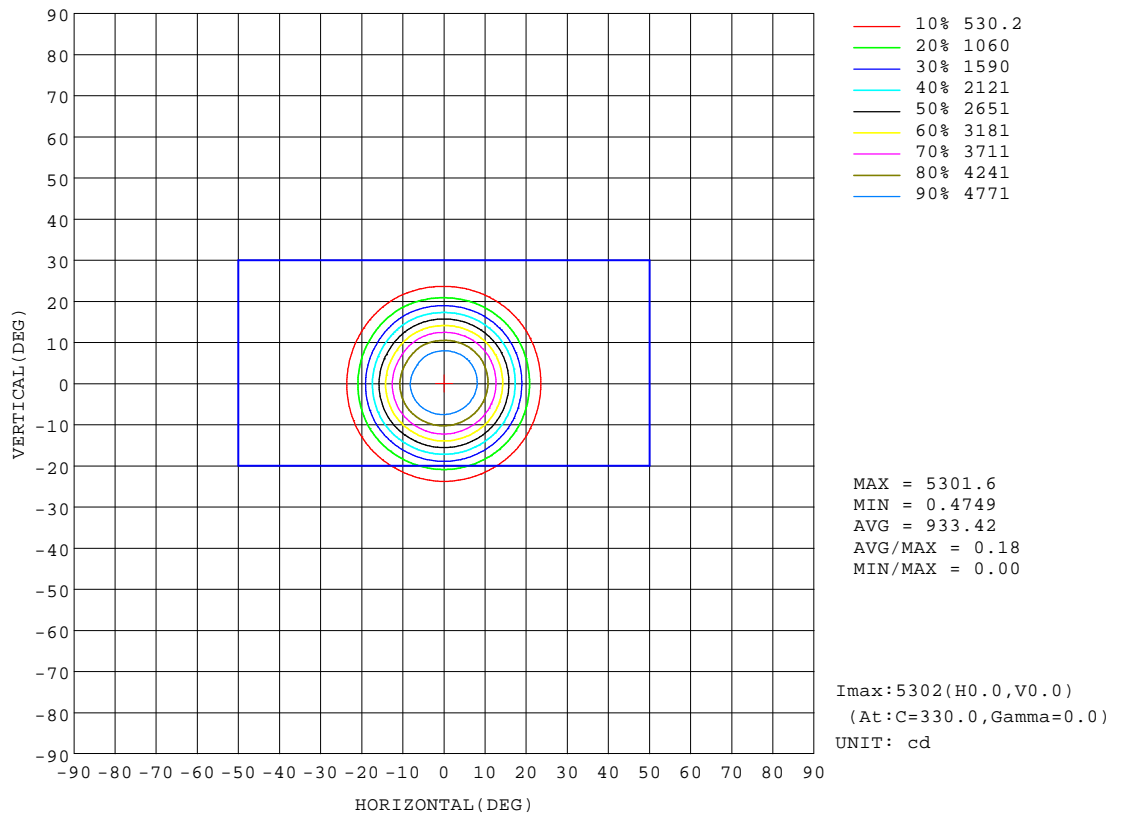
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	71	67	64	71	67	64	70	67	64	62
0.80	77	73	70	76	72	70	75	72	70	67
1.00	80	76	73	79	75	73	78	75	73	70
1.25	82	79	76	82	78	76	80	77	75	72
1.50	84	81	79	83	80	78	82	79	77	74
2.00	86	83	81	85	82	80	83	81	79	75
2.50	87	84	82	86	83	82	83	82	80	76
3.00	88	86	84	87	85	83	84	82	81	76
4.00	89	88	86	88	86	85	85	84	83	77
5.00	90	89	88	89	87	86	86	85	84	78
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:2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

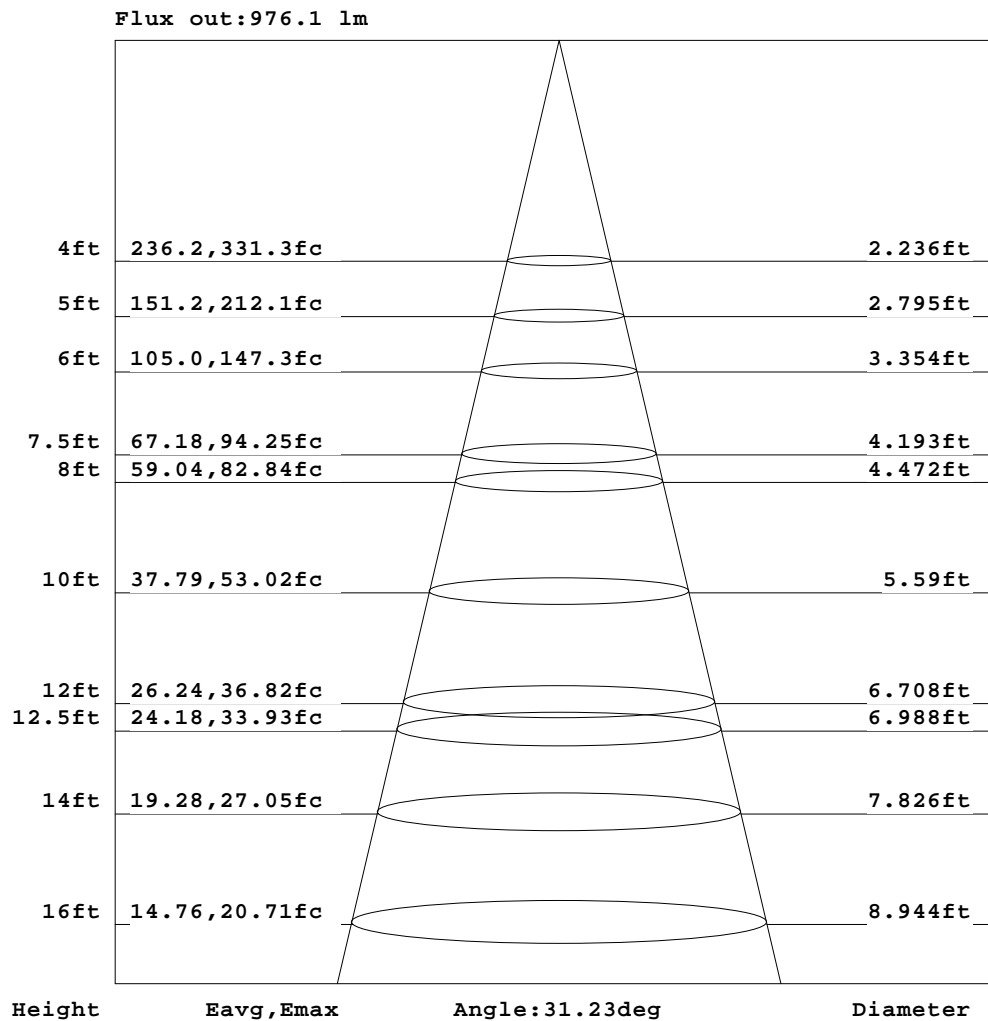


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## AAI Figure

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:



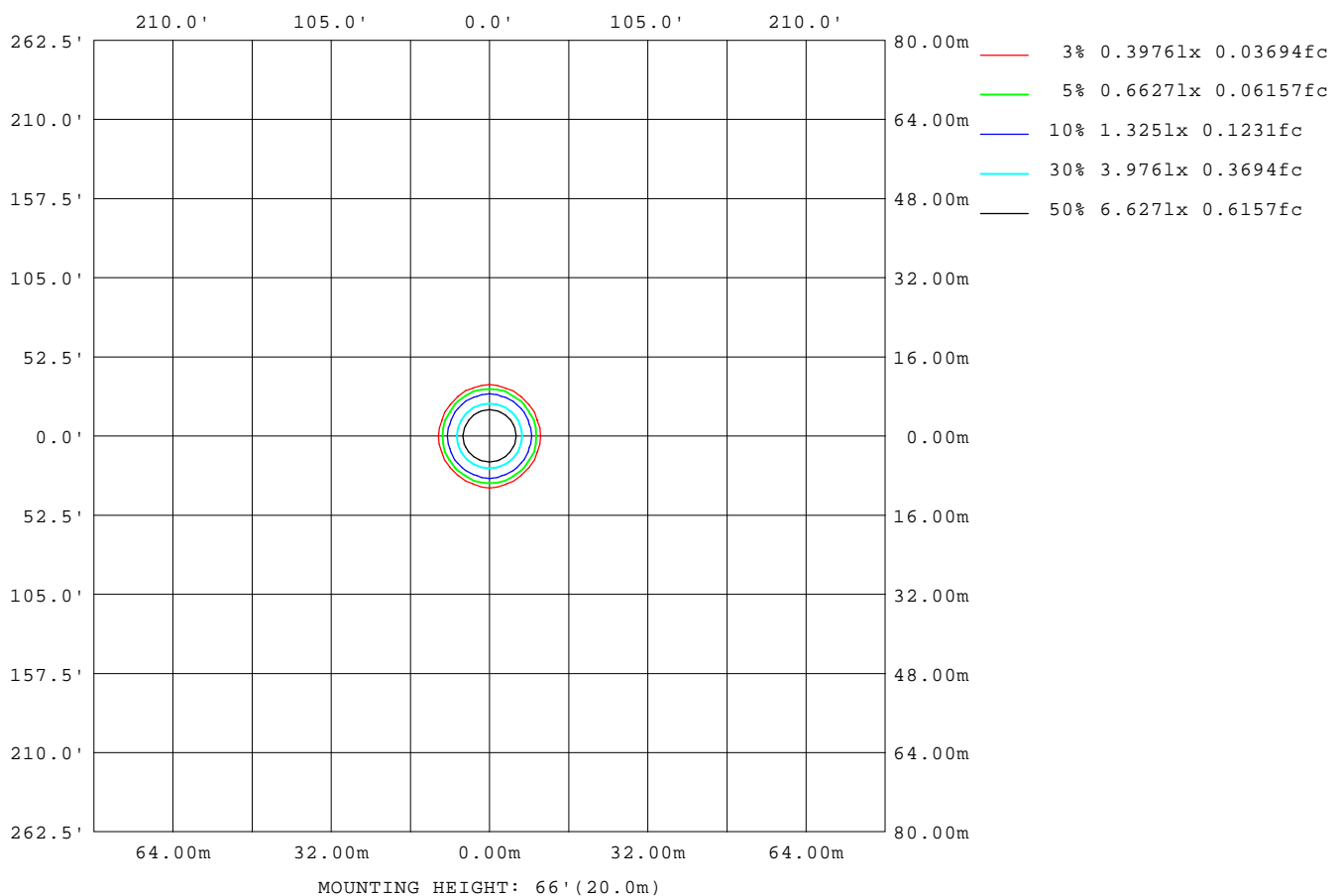
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

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-1083A 24R  
DRIVER: PUP20A-1WMC 500mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

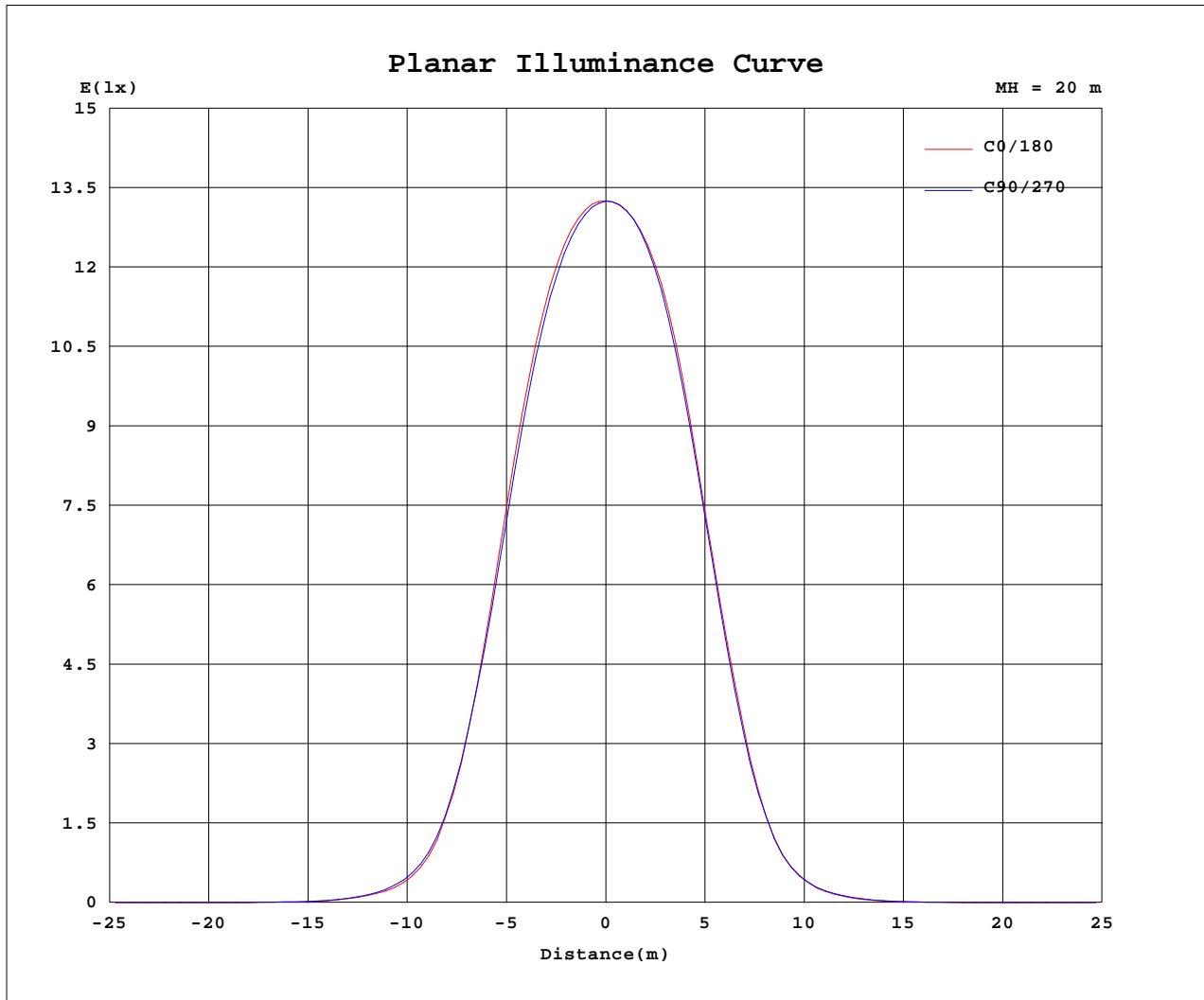
AvgL	cd/m2
L_0~180(65)av	410
L_0~180(75)av	287
L_0~180(85)av	456
L_90~270(65)av	457
L_90~270(75)av	298
L_90~270(85)av	270
L_45(65)av	476
L_45(75)av	277
L_45(85)av	131

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-11

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-1083A 24R  
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: 2023-10-11

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-1083A 24R  
 DRIVER: PUP20A-1WMC 500mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.04V I:0.1647A P:19.668W PF:0.9935 Freq:59.98Hz Lamp Flux:1874.5x1 lm		
NAME: 2318.138-LEA-15	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310111213
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	5298	5298	5298	5298	5298	5298	5298	5298	5298	5298	5298	5298						
5	5134	5110	5078	5079	5097	5122	5133	5120	5126	5129	5146	5144						
10	4410	4353	4306	4307	4341	4407	4419	4350	4382	4354	4400	4429						
15	2932	2896	2846	2841	2848	2919	2920	2846	2889	2874	2910	2943						
20	1272	1278	1266	1292	1278	1327	1311	1269	1312	1272	1286	1290						
25	358	363	371	393	366	371	362	353	376	366	361	360						
30	106	107	112	117	103	98.6	95.3	95.0	103	102	102	102						
35	28.8	30.5	29.9	30.9	25.7	23.0	23.0	21.9	24.8	25.4	26.2	26.7						
40	7.72	10.0	7.92	7.77	7.34	6.98	6.64	6.60	7.59	7.77	7.84	7.06						
45	2.33	5.05	2.27	2.04	2.56	2.39	2.02	1.84	2.22	2.31	2.63	2.13						
50	0.66	4.05	0.63	0.74	1.10	0.93	0.68	0.67	0.67	0.79	1.05	0.83						
55	0.41	0.43	0.42	0.52	0.80	0.70	0.53	0.51	0.51	0.60	0.77	0.60						
60	0.34	0.34	0.33	0.40	0.61	0.55	0.44	0.43	0.43	0.49	0.59	0.45						
65	0.23	0.21	0.21	0.26	0.40	0.38	0.33	0.32	0.32	0.35	0.41	0.30						
70	0.12	0.08	0.08	0.14	0.24	0.24	0.23	0.21	0.21	0.24	0.25	0.18						
75	0.08	0.06	0.06	0.09	0.14	0.15	0.15	0.13	0.13	0.16	0.15	0.10						
80	0.08	0.05	0.05	0.06	0.06	0.08	0.10	0.08	0.07	0.09	0.07	0.06						
85	0.07	0.03	0.02	0.04	0.02	0.02	0.06	0.02	0.02	0.04	0.01	0.03						
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:2023-10-11

γ Range: 0 - 180DEG  
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Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
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Remarks: LAMP:BXRE-30G1000-A-83 Ra:90  
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