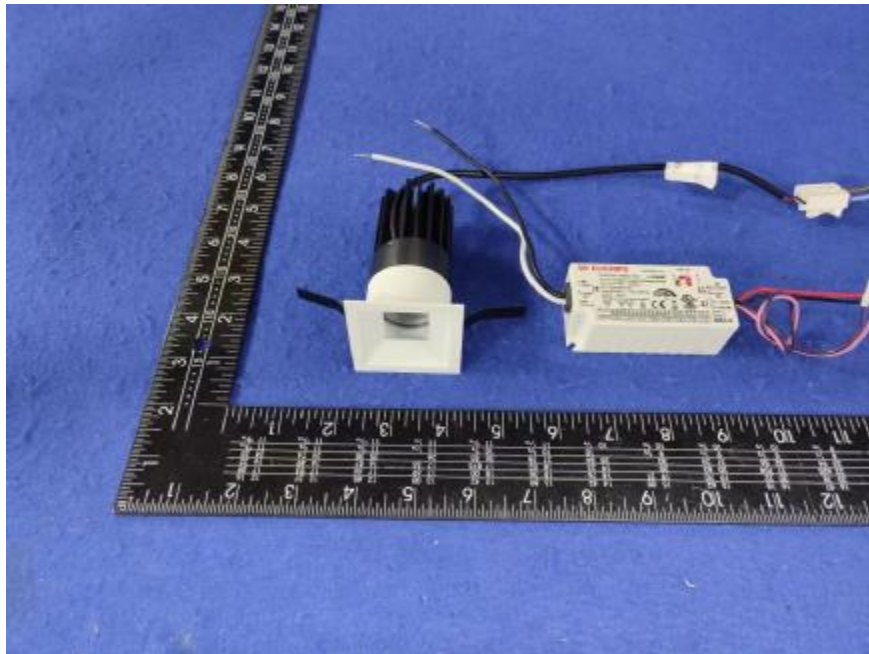


## Luminaire Photograph



Light Output Ratio:	49.3%	
Luminaire Power:	11.24 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: 2024-1-4

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: BXR-V-DR-1830G-100Z-A-23 Ra: 90  
LENS: PM-1103A 24R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

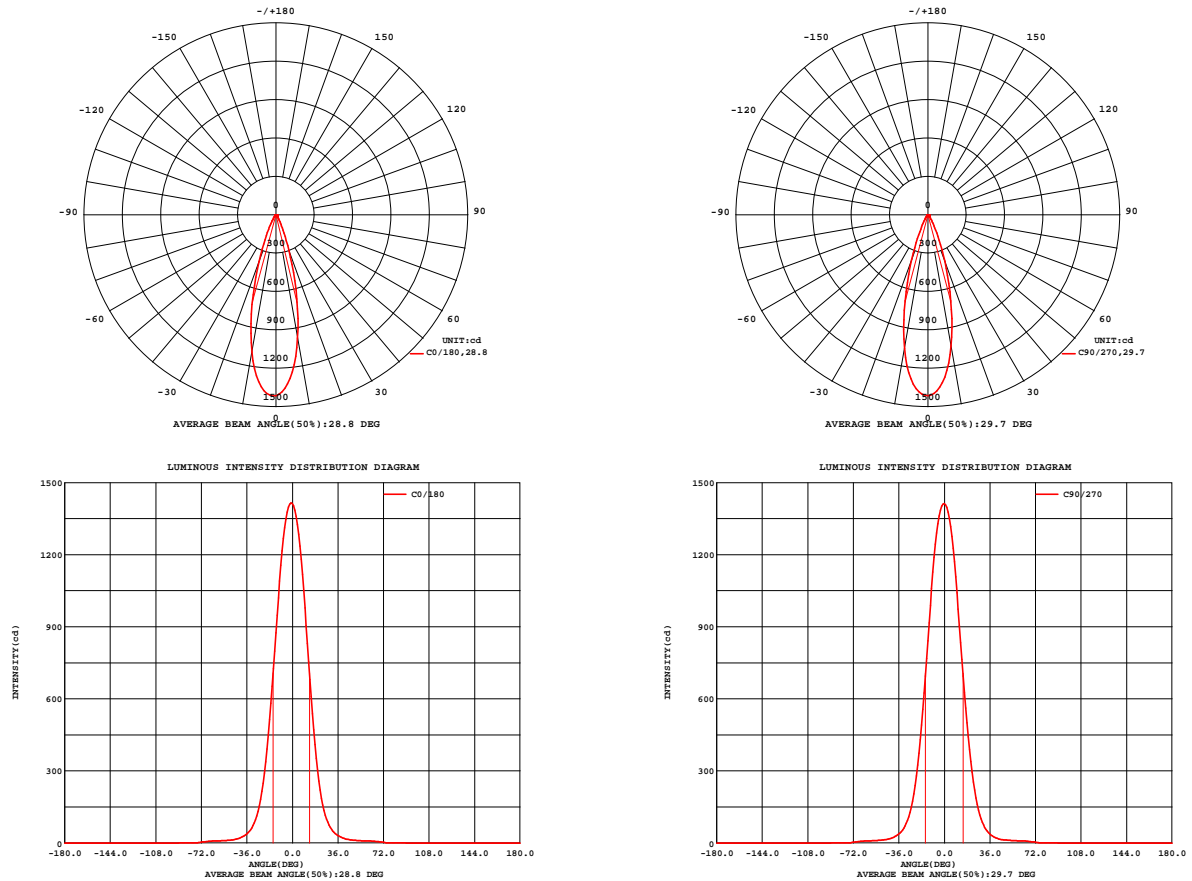


Fig. C0/C180

Fig. C90/C270

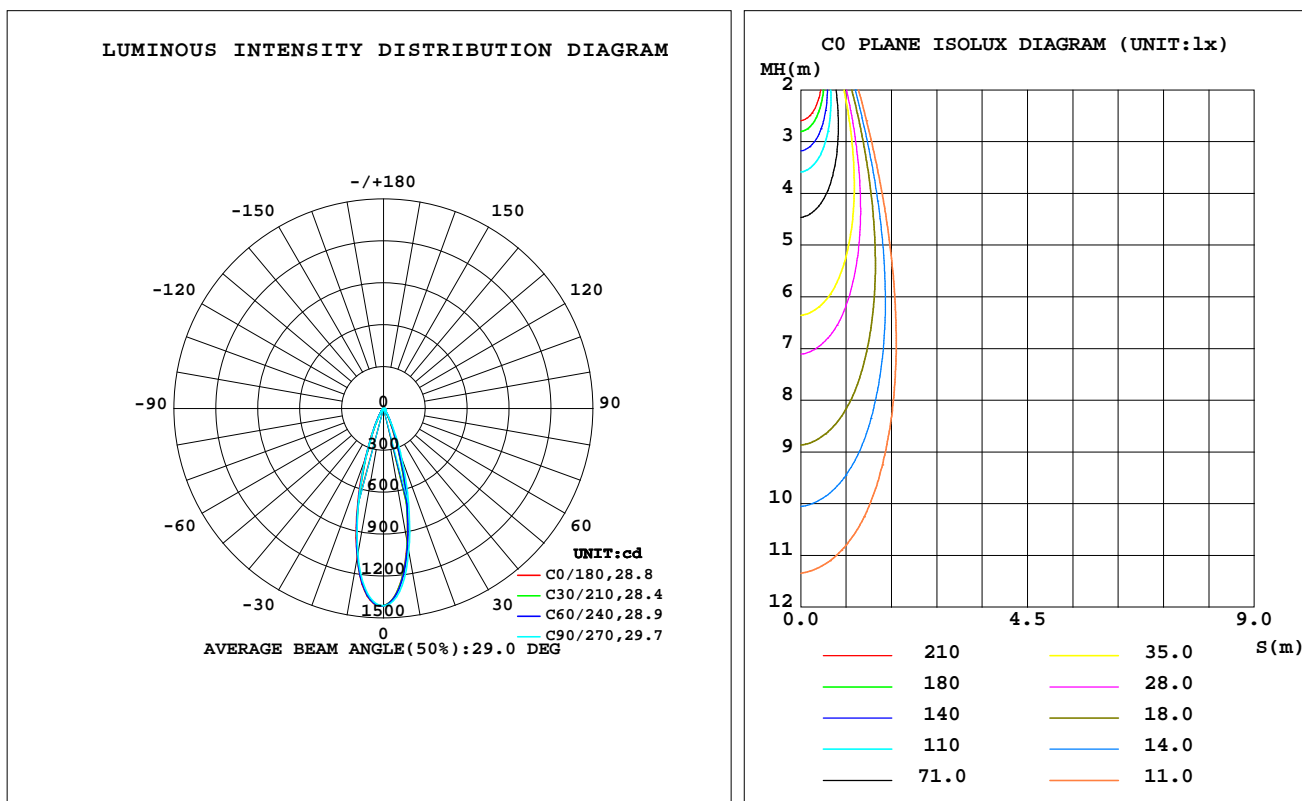
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-1-4

$\gamma$  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: BXR-V-DR-1830G-100Z-A-23 Ra: 90  
LENS: PM-1103A 24R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.99 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	1415	S/MH(C0/180)	0.50
NOMINAL POWER(W)	11	LOR(%)	49.3	S/MH(C90/270)	0.49
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	438.09	η UP,DN(C0-180)	0.0,24.4
NOMINAL FLUX(lm)	889.25	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,24.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	49.3	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 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	978.2	989.3	1042	1081	1091	1079	1060	1013	0- 10	117.0	117.0	26.7,13.2
20	302.6	314.4	388.1	376.9	391.4	369.2	374.0	311.9	10- 20	181.4	298.4	68.1,33.6
30	65.03	76.05	86.35	90.79	83.58	86.53	81.81	73.11	20- 30	80.52	378.9	86.5,42.6
40	20.77	23.29	23.08	26.39	24.12	26.12	23.96	23.10	30- 40	28.18	407.1	92.9,45.8
50	10.93	11.40	11.58	11.63	11.47	12.05	11.69	11.47	40- 50	12.32	419.4	95.7,47.2
60	8.580	9.116	9.006	9.073	8.683	9.378	9.051	8.983	50- 60	9.058	428.5	97.8,48.2
70	4.149	5.085	4.655	5.254	4.636	5.283	4.547	4.854	60- 70	7.338	435.8	99.5,49
80	0.4088	0.4504	0.4524	0.4797	0.4392	0.4374	0.3995	0.4030	70- 80	2.066	437.9	100,49.2
90	0	0	0	0	0	0	0	0	80- 90	0.2066	438.1	100,49.3
100	0	0	0	0	0	0	0	0	90-100	0	438.1	100,49.3
110	0	0	0	0	0	0	0	0	100-110	0	438.1	100,49.3
120	0	0	0	0	0	0	0	0	110-120	0	438.1	100,49.3
130	0	0	0	0	0	0	0	0	120-130	0	438.1	100,49.3
140	0	0	0	0	0	0	0	0	130-140	0	438.1	100,49.3
150	0	0	0	0	0	0	0	0	140-150	0	438.1	100,49.3
160	0	0	0	0	0	0	0	0	150-160	0	438.1	100,49.3
170	0	0	0	0	0	0	0	0	160-170	0	438.1	100,49.3
180	0	0	0	0	0	0	0	0	170-180	0	438.1	100,49.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

$\gamma$  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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz  
Lamp Flux:889.25x1 lm

NAME: 2218.117-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

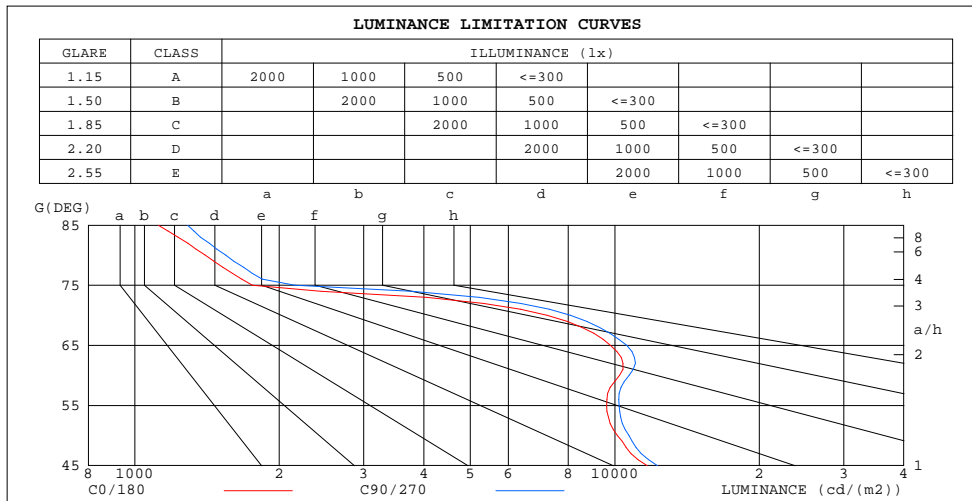
DIM.:

SERIAL No.: 2401040010

MFR.: RISE

SUR.: 0.001681m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	G(270)	
85	1120	1289
80	1403	1548
75	1758	2154
70	7230	8088
65	9801	10596
60	10227	10704
55	9621	10210
50	10132	10704
45	11680	12283

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz  
Lamp Flux:889.25x1 lm

NAME: 2218.117-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

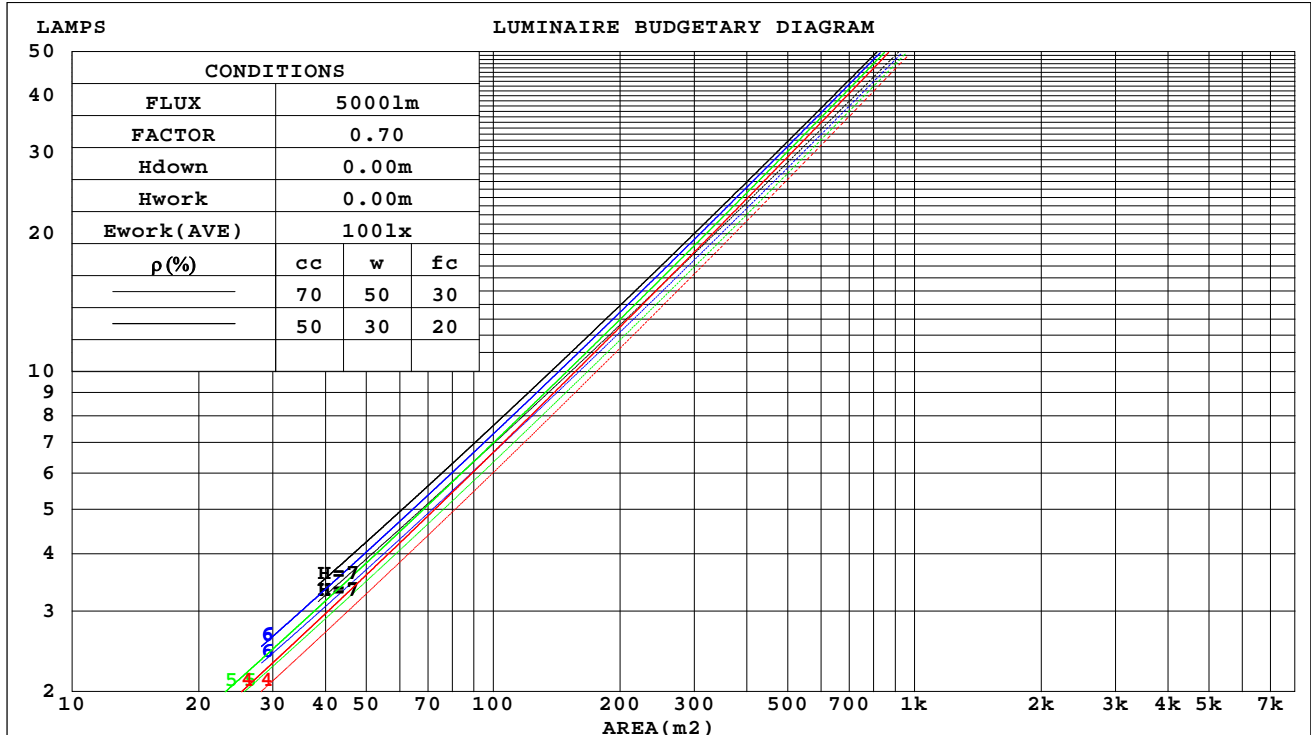
SERIAL No.: 2401040010

MFR.: RISE

SUR.: 0.001681m2

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:2024-1-4

$\gamma$  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:BXR-V-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	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	.078	.044	.014	.074	.042	.013	.068	.039	.012	.063	.036	.012	.057	.033	.011	
2.0	.073	.040	.012	.070	.039	.012	.065	.036	.011	.060	.034	.011	.056	.032	.010	
3.0	.068	.036	.011	.066	.035	.011	.062	.033	.010	.058	.032	.010	.054	.030	.009	
4.0	.064	.033	.010	.062	.033	.010	.059	.031	.009	.055	.030	.009	.052	.028	.009	
5.0	.060	.031	.009	.059	.030	.009	.056	.029	.009	.053	.028	.008	.050	.027	.008	
6.0	.057	.029	.008	.056	.028	.008	.053	.027	.008	.050	.026	.008	.048	.025	.008	
7.0	.054	.027	.008	.053	.026	.008	.051	.026	.007	.048	.025	.007	.046	.024	.007	
8.0	.052	.025	.007	.050	.025	.007	.048	.024	.007	.046	.023	.007	.044	.023	.007	
9.0	.049	.024	.007	.048	.023	.007	.046	.023	.006	.045	.022	.006	.043	.022	.006	
10.0	.047	.023	.006	.046	.022	.006	.044	.022	.006	.043	.021	.006	.041	.021	.006	

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	.094	.094	.094	.080	.080	.080	.055	.055	.055	.031	.031	.031	.010	.010	.010		
1.0	.084	.078	.072	.072	.067	.062	.049	.046	.043	.028	.027	.025	.009	.009	.008		
2.0	.075	.065	.057	.065	.056	.049	.044	.039	.034	.026	.023	.020	.008	.007	.007		
3.0	.069	.056	.046	.059	.048	.040	.040	.033	.028	.023	.020	.016	.007	.006	.005		
4.0	.063	.048	.037	.054	.042	.033	.037	.029	.023	.021	.017	.014	.007	.006	.004		
5.0	.058	.043	.031	.050	.037	.027	.034	.026	.019	.020	.015	.011	.006	.005	.004		
6.0	.054	.038	.026	.046	.033	.023	.032	.023	.016	.019	.013	.010	.006	.004	.003		
7.0	.050	.034	.022	.043	.029	.019	.030	.021	.014	.017	.012	.008	.006	.004	.003		
8.0	.047	.031	.019	.041	.027	.017	.028	.019	.012	.016	.011	.007	.005	.004	.002		
9.0	.044	.028	.017	.038	.024	.015	.026	.017	.010	.015	.010	.006	.005	.003	.002		
10.0	.042	.026	.015	.036	.022	.013	.025	.016	.009	.015	.009	.005	.005	.003	.002		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm										
NAME: 2218.117-LEA-09B-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2401040010		
MFR.: RISE					SUR.: 0.001681m2			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	15.4	16.2	15.6	16.3	16.5	15.8	16.6	16.0	16.7	16.9
3H	16.5	17.2	16.7	17.4	17.6	16.9	17.6	17.1	17.8	18.0
4H	16.5	17.2	16.8	17.4	17.6	17.0	17.6	17.2	17.9	18.1
6H	16.4	17.1	16.7	17.3	17.5	16.9	17.5	17.2	17.8	18.0
8H	16.4	17.0	16.7	17.3	17.5	16.9	17.5	17.2	17.7	18.0
12H	16.3	16.9	16.7	17.2	17.5	16.8	17.4	17.1	17.7	17.9
4H 2H	16.0	16.7	16.3	16.9	17.1	16.3	17.0	16.6	17.2	17.4
3H	17.2	17.8	17.5	18.0	18.3	17.5	18.1	17.8	18.4	18.7
4H	17.2	17.8	17.6	18.1	18.4	17.6	18.2	18.0	18.5	18.8
6H	17.1	17.6	17.5	18.0	18.3	17.5	18.0	17.9	18.4	18.7
8H	17.1	17.6	17.5	17.9	18.3	17.5	17.9	17.9	18.3	18.7
12H	17.1	17.5	17.5	17.8	18.2	17.5	17.9	17.9	18.2	18.6
8H 4H	17.2	17.7	17.6	18.0	18.4	17.6	18.0	18.0	18.4	18.7
6H	17.1	17.5	17.6	17.9	18.3	17.5	17.9	17.9	18.3	18.7
8H	17.1	17.4	17.5	17.8	18.3	17.5	17.8	17.9	18.2	18.7
12H	17.0	17.3	17.5	17.8	18.2	17.4	17.7	17.9	18.1	18.6
12H 4H	17.2	17.6	17.6	17.9	18.3	17.5	17.9	17.9	18.3	18.7
6H	17.1	17.4	17.5	17.8	18.3	17.5	17.8	17.9	18.2	18.6
8H	17.0	17.3	17.5	17.8	18.2	17.4	17.7	17.9	18.1	18.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.6 / - 0.8					+ 0.6 / - 0.8				
1.5H	+ 0.9 / - 0.7					+ 1.2 / - 0.7				
2.0H	+ 0.6 / - 0.7					+ 0.5 / - 0.6				

CIE Pub.117, 889.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)  
Area: 0.001681 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

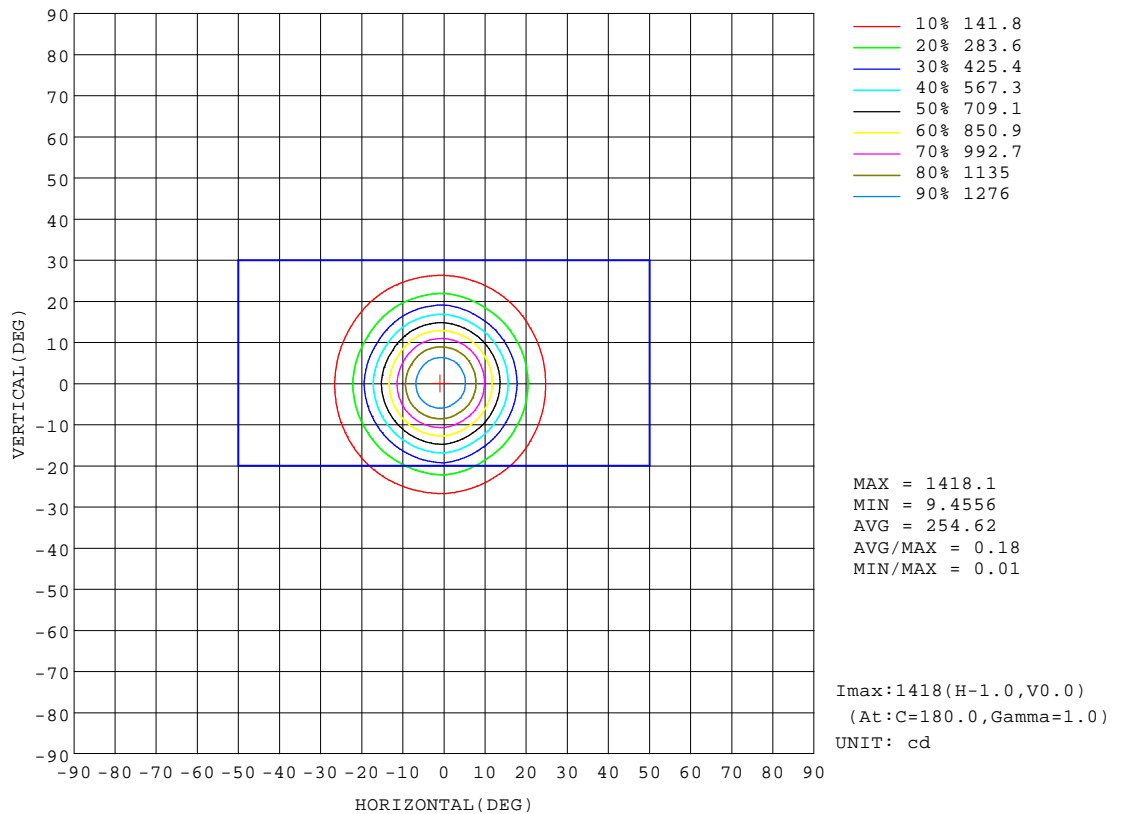
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	43	40	38	43	40	38	42	40	38	36
0.80	47	44	42	46	43	42	46	43	42	40
1.00	49	46	44	48	46	44	47	46	44	42
1.25	51	48	46	50	48	46	49	47	46	44
1.50	52	50	48	51	49	48	50	49	47	45
2.00	53	51	50	53	51	49	51	50	49	46
2.50	54	52	51	53	52	50	52	51	49	46
3.00	55	53	52	54	53	51	52	51	50	47
4.00	56	55	54	55	54	53	53	52	52	48
5.00	57	56	55	56	55	54	54	53	52	49
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:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

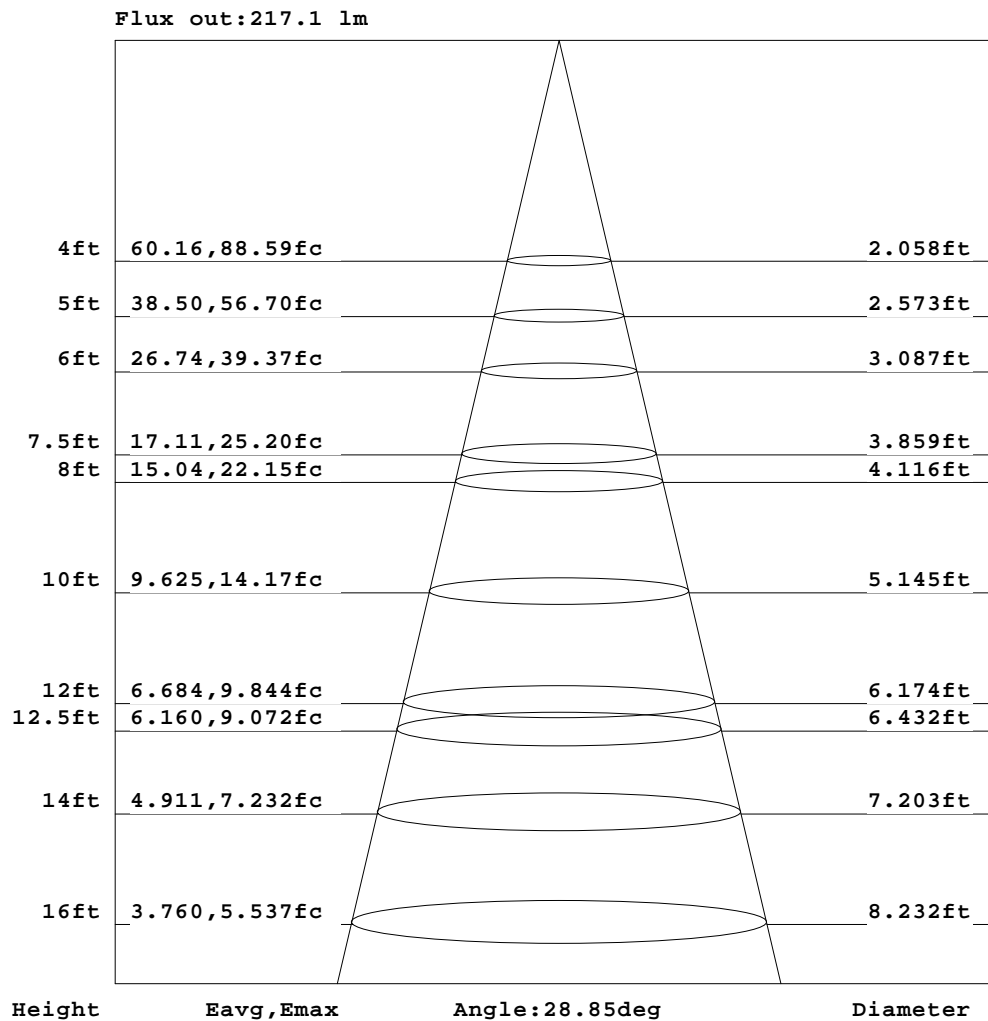


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## AAI Figure

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



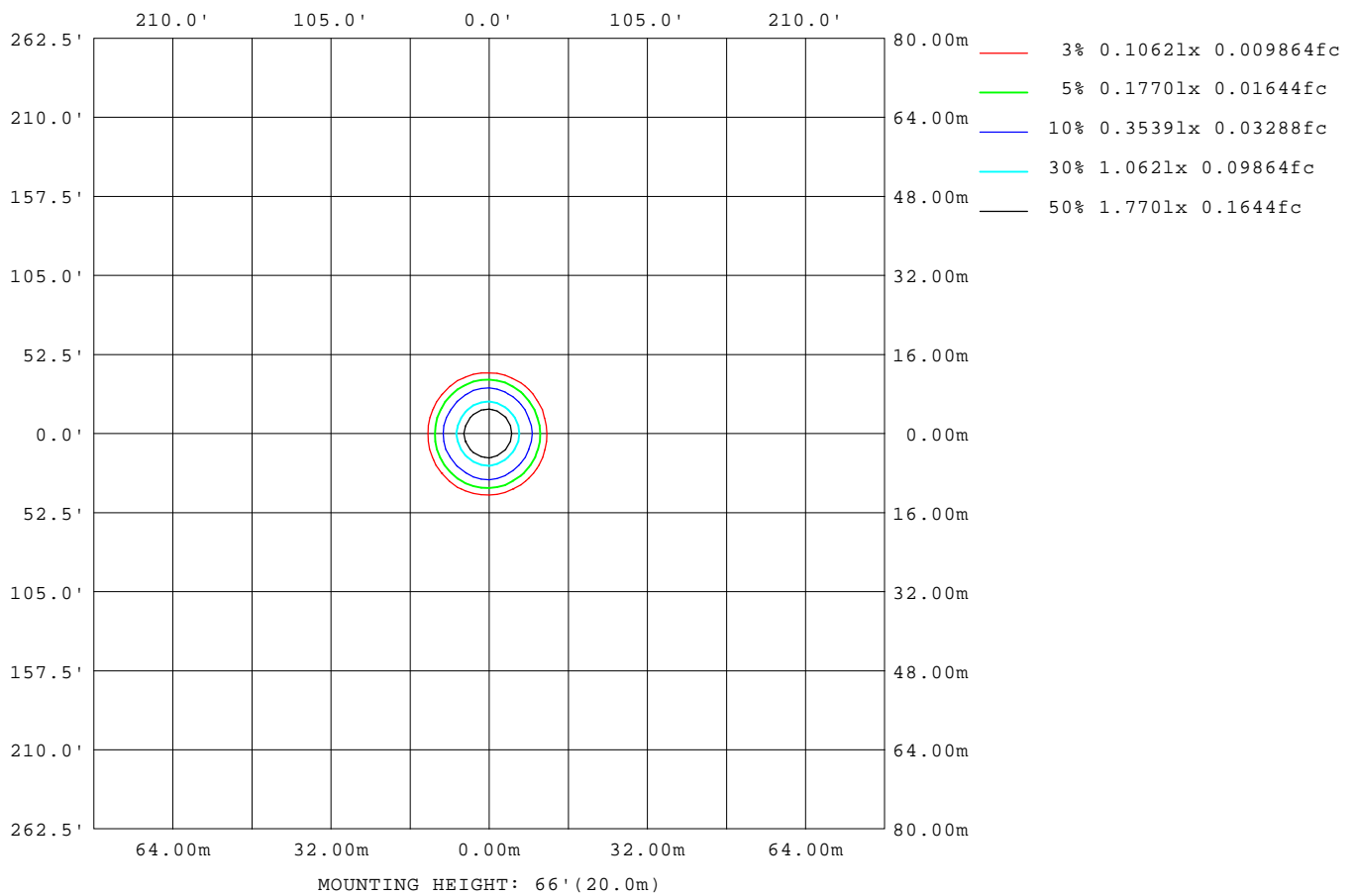
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

### LED Avg.L Report

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

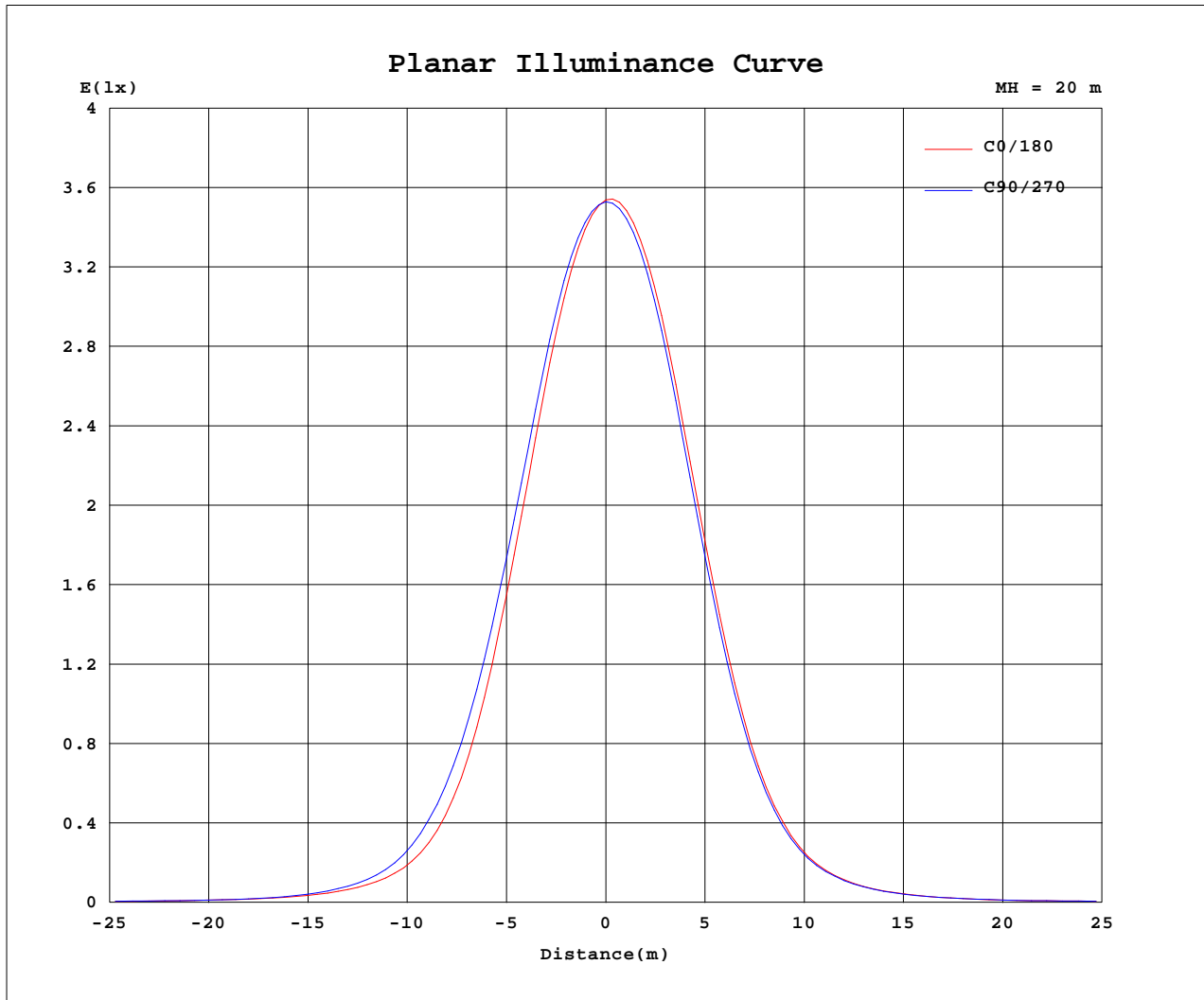
AvgL	cd/m2
L_0~180(65)av	10060
L_0~180(75)av	2082
L_0~180(85)av	1183
L_90~270(65)av	10520
L_90~270(75)av	1955
L_90~270(85)av	1182
L_45(65)av	11166
L_45(75)av	4357
L_45(85)av	1195

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 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: 2024-1-4

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: BXRV-DR-1830G-100Z-A-23 Ra: 90  
 LENS: PM-1103A 24R+DIFFUSER  
 DRIVER: PUP10A-1WMC-700 500mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.29V I:0.0945A P:11.236W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040010
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413						
5	1284	1287	1294	1317	1335	1348	1348	1342	1342	1329	1313	1293						
10	978	982	996	1042	1069	1092	1091	1077	1081	1060	1031	994						
15	609	603	629	695	700	711	725	695	707	695	641	614						
20	303	301	327	388	377	376	391	363	376	374	322	302						
25	135	142	157	187	183	181	181	171	176	174	152	136						
30	65.0	72.1	80.0	86.4	92.4	89.2	83.6	86.3	86.8	81.8	77.8	68.4						
35	35.3	39.3	42.9	43.1	48.6	47.0	43.1	45.8	46.4	42.1	42.2	37.6						
40	20.8	22.8	23.8	23.1	26.6	26.2	24.1	26.0	26.2	24.0	24.3	21.9						
45	13.9	14.6	14.8	14.6	15.8	15.7	15.1	16.2	16.3	15.3	15.5	14.2						
50	10.9	11.3	11.5	11.6	11.7	11.5	11.5	12.0	12.1	11.7	11.8	11.1						
55	9.26	10.1	10.3	9.85	10.4	10.1	9.58	10.5	10.6	9.90	10.3	9.88						
60	8.58	9.02	9.21	9.01	9.21	8.93	8.68	9.35	9.40	9.05	9.21	8.76						
65	6.95	7.80	7.98	7.54	7.99	7.70	7.34	8.06	8.05	7.41	7.89	7.45						
70	4.15	4.96	5.21	4.65	5.25	5.26	4.64	5.22	5.35	4.55	4.97	4.74						
75	0.76	1.76	1.80	0.94	2.08	2.05	1.05	1.93	1.71	0.76	1.62	1.31						
80	0.41	0.44	0.46	0.45	0.48	0.48	0.44	0.44	0.43	0.40	0.40	0.40						
85	0.16	0.18	0.18	0.19	0.19	0.20	0.18	0.18	0.17	0.16	0.15	0.15						
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:2024-1-4

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:BXRV-DR-1830G-100Z-A-23 Ra:90  
LENS:PM-1103A 24R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up