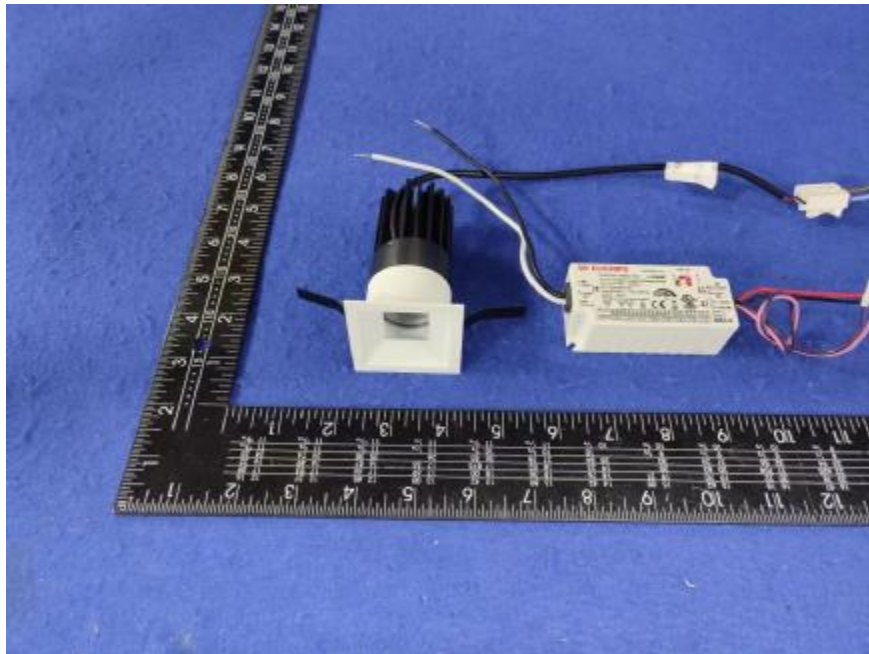


## Luminaire Photograph



Light Output Ratio:	43.3%	
Luminaire Power:	11.22 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: 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-1103 15R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

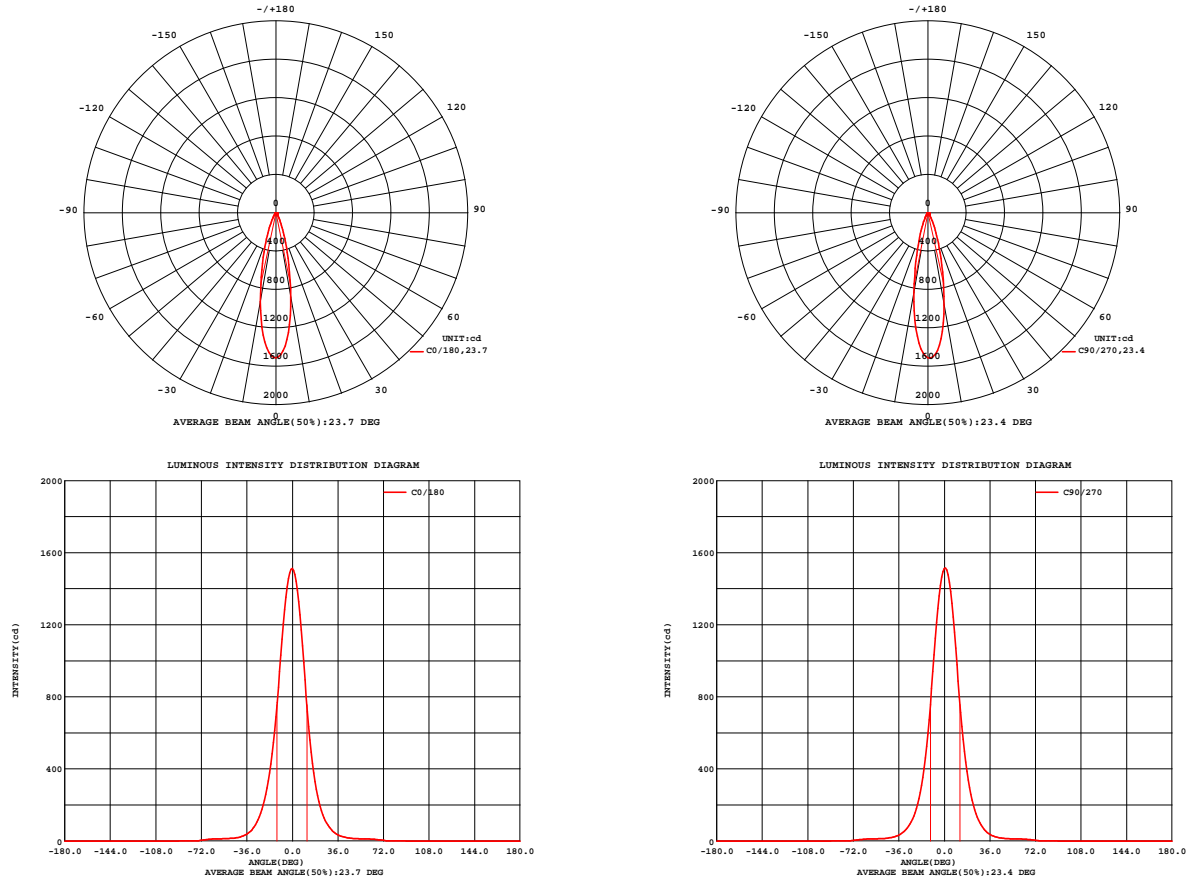


Fig. C0/C180

Fig. C90/C270

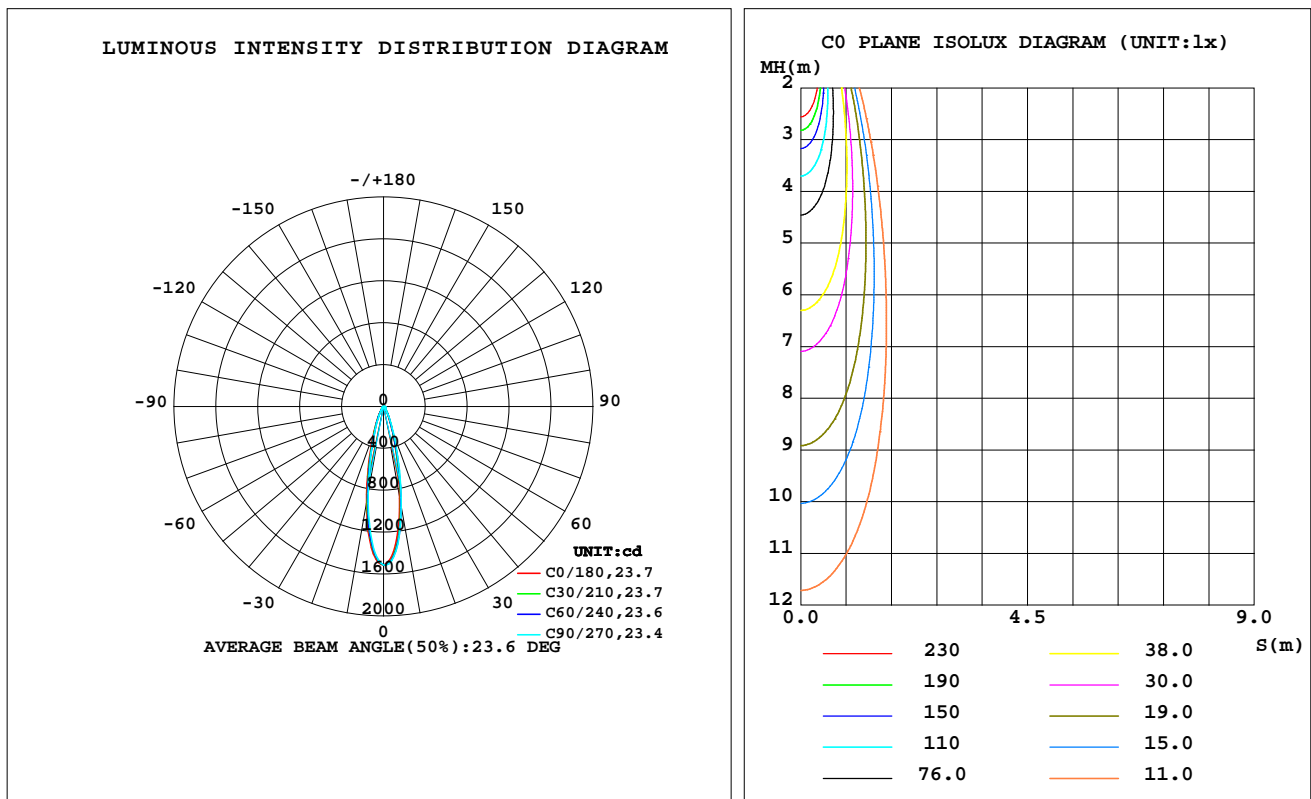
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2024-1-4

$\gamma$  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-1103 15R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 34.31 lm/W			
MODEL	Bridgelux	Imax(cd)	1515	S/MH(C0/180)	0.41
NOMINAL POWER(W)	11	LOR(%)	43.3	S/MH(C90/270)	0.37
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	385.07	$\eta$ UP,DN(C0-180)	0.0,22.4
NOMINAL FLUX(lm)	889.25	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,20.9
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	$\eta$ down(%)	43.3	CIBSE SHR MAX	0.30



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-1103 15R+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	894.7	955.6	977.2	957.5	941.1	893.2	846.0	844.7	0- 10	113.8	113.8	29.5,12.8
20	250.9	266.7	296.1	272.9	293.7	254.4	235.9	216.2	10- 20	140.7	254.5	66.1,28.6
30	69.31	82.43	78.21	83.91	79.44	80.99	65.54	68.03	20- 30	65.90	320.4	83.2,36
40	23.58	26.29	24.38	27.11	24.97	26.42	22.63	23.78	30- 40	28.02	348.4	90.5,39.2
50	13.20	13.36	13.09	13.95	13.92	13.98	13.04	13.32	40- 50	13.56	362.0	94,40.7
60	11.00	11.06	10.85	11.70	11.74	11.73	10.99	11.14	50- 60	11.05	373.1	96.9,42
70	5.534	6.353	5.765	6.717	5.843	6.401	5.287	6.113	60- 70	9.206	382.3	99.3,43
80	0.5428	0.5824	0.4989	0.5709	0.5092	0.5140	0.4918	0.5321	70- 80	2.552	384.8	99.9,43.3
90	0	0	0	0	0	0	0	0	80- 90	0.2531	385.1	100,43.3
100	0	0	0	0	0	0	0	0	90-100	0	385.1	100,43.3
110	0	0	0	0	0	0	0	0	100-110	0	385.1	100,43.3
120	0	0	0	0	0	0	0	0	110-120	0	385.1	100,43.3
130	0	0	0	0	0	0	0	0	120-130	0	385.1	100,43.3
140	0	0	0	0	0	0	0	0	130-140	0	385.1	100,43.3
150	0	0	0	0	0	0	0	0	140-150	0	385.1	100,43.3
160	0	0	0	0	0	0	0	0	150-160	0	385.1	100,43.3
170	0	0	0	0	0	0	0	0	160-170	0	385.1	100,43.3
180	0	0	0	0	0	0	0	0	170-180	0	385.1	100,43.3
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-1103 15R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz  
Lamp Flux:889.25x1 lm

NAME: 2218.117-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

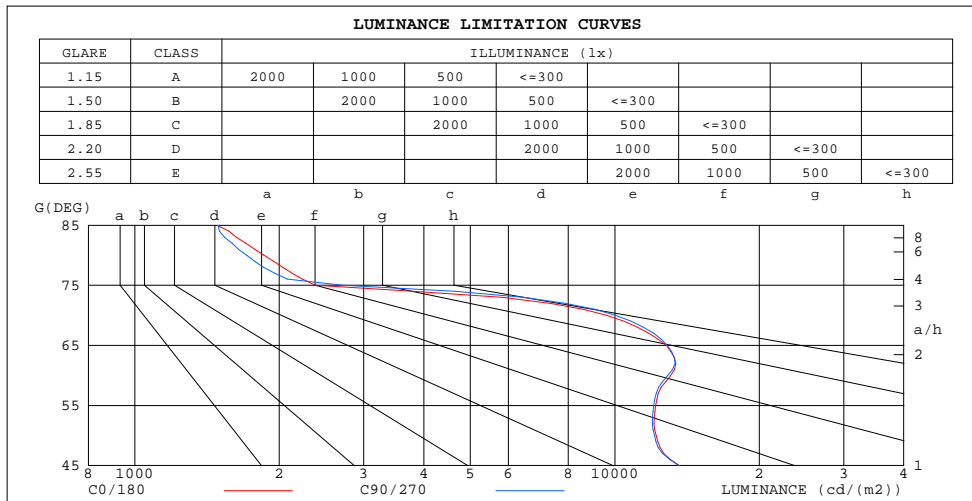
DIM.:

SERIAL No.: 2401040009

MFR.: RISE

SUR.: 0.001681m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	G(270)	
85	1484	1492
80	1858	1709
75	2379	2711
70	9616	10024
65	12805	12854
60	13071	12900
55	12165	12050
50	12204	12112
45	13649	13603

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-1103 15R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz  
Lamp Flux:889.25x1 lm

NAME: 2218.117-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

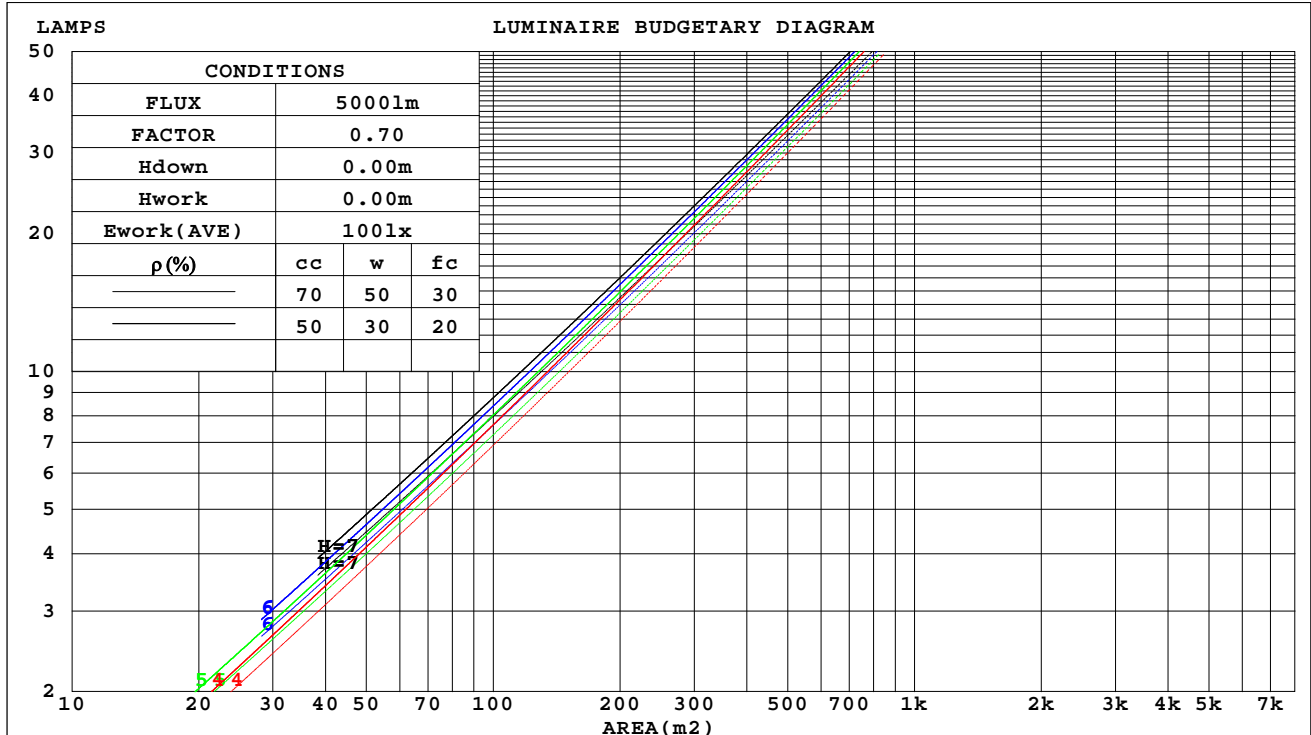
SERIAL No.: 2401040009

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			Coefficients of Utilization(CU)												
0.0	.52	.52	.52	.50	.50	.50	.48	.48	.48	.46	.46	.46	.44	.44	.44	.43
1.0	.48	.47	.46	.47	.47	.46	.46	.45	.44	.44	.44	.43	.43	.42	.42	.41
2.0	.45	.44	.43	.45	.43	.42	.43	.42	.41	.42	.41	.40	.41	.40	.39	.39
3.0	.43	.41	.40	.42	.41	.39	.41	.40	.39	.40	.39	.38	.39	.38	.37	.37
4.0	.41	.39	.37	.40	.38	.37	.39	.38	.37	.39	.37	.36	.38	.37	.36	.35
5.0	.39	.37	.35	.39	.37	.35	.38	.36	.35	.37	.36	.34	.36	.35	.34	.34
6.0	.37	.35	.34	.37	.35	.33	.36	.35	.33	.36	.34	.33	.35	.34	.33	.32
7.0	.36	.34	.32	.35	.33	.32	.35	.33	.32	.34	.33	.32	.34	.33	.32	.31
8.0	.34	.32	.31	.34	.32	.31	.34	.32	.31	.33	.32	.31	.33	.31	.30	.30
9.0	.33	.31	.30	.33	.31	.30	.33	.31	.30	.32	.31	.29	.32	.30	.29	.29
10.0	.32	.30	.29	.32	.30	.29	.32	.30	.29	.31	.30	.29	.31	.30	.28	.28



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-1103 15R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

### WEC AND CCEC

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
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	.070	.040	.013	.067	.038	.012	.062	.035	.011	.057	.033	.011	.052	.030	.010		
2.0	.066	.036	.011	.064	.035	.011	.059	.033	.010	.055	.031	.010	.051	.029	.009		
3.0	.062	.033	.010	.060	.032	.010	.056	.030	.009	.052	.029	.009	.049	.027	.008		
4.0	.058	.030	.009	.056	.029	.009	.053	.028	.008	.050	.027	.008	.047	.026	.008		
5.0	.054	.028	.008	.053	.027	.008	.050	.026	.008	.048	.025	.007	.045	.024	.007		
6.0	.051	.026	.007	.050	.025	.007	.048	.024	.007	.045	.024	.007	.043	.023	.007		
7.0	.049	.024	.007	.047	.024	.007	.045	.023	.007	.043	.022	.006	.041	.022	.006		
8.0	.046	.023	.006	.045	.022	.006	.043	.022	.006	.041	.021	.006	.040	.020	.006		
9.0	.044	.021	.006	.043	.021	.006	.041	.020	.006	.040	.020	.006	.038	.019	.006		
10.0	.042	.020	.006	.041	.020	.006	.040	.019	.005	.038	.019	.005	.037	.019	.005		

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	.082	.082	.082	.070	.070	.070	.048	.048	.048	.028	.028	.028	.009	.009	.009		
1.0	.074	.068	.063	.063	.059	.054	.043	.040	.038	.025	.023	.022	.008	.007	.007		
2.0	.067	.057	.050	.057	.049	.043	.039	.034	.030	.023	.020	.018	.007	.006	.006		
3.0	.061	.049	.040	.052	.042	.035	.036	.029	.024	.021	.017	.014	.007	.006	.005		
4.0	.056	.043	.033	.048	.037	.028	.033	.026	.020	.019	.015	.012	.006	.005	.004		
5.0	.051	.037	.027	.044	.032	.024	.030	.023	.017	.018	.013	.010	.006	.004	.003		
6.0	.048	.033	.023	.041	.029	.020	.028	.020	.014	.016	.012	.008	.005	.004	.003		
7.0	.044	.030	.019	.038	.026	.017	.026	.018	.012	.015	.011	.007	.005	.003	.002		
8.0	.042	.027	.017	.036	.023	.015	.025	.016	.010	.014	.010	.006	.005	.003	.002		
9.0	.039	.025	.015	.034	.021	.013	.023	.015	.009	.014	.009	.005	.004	.003	.002		
10.0	.037	.023	.013	.032	.020	.011	.022	.014	.008	.013	.008	.005	.004	.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-1103 15R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm										
NAME: 2218.117-LEA-09B-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2401040009		
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	17.1	17.9	17.3	18.1	18.2	17.1	17.9	17.3	18.1	18.2
3H	18.3	19.1	18.6	19.3	19.5	18.4	19.1	18.6	19.3	19.5
4H	18.4	19.1	18.7	19.3	19.5	18.5	19.2	18.7	19.4	19.6
6H	18.4	19.0	18.6	19.3	19.5	18.4	19.1	18.7	19.3	19.5
8H	18.3	19.0	18.6	19.2	19.5	18.4	19.0	18.7	19.2	19.5
12H	18.3	18.9	18.6	19.2	19.4	18.3	18.9	18.6	19.2	19.5
4H 2H	17.8	18.5	18.0	18.7	18.9	17.8	18.5	18.0	18.7	18.9
3H	19.1	19.7	19.4	20.0	20.2	19.1	19.7	19.4	20.0	20.2
4H	19.2	19.7	19.5	20.0	20.3	19.2	19.8	19.5	20.0	20.4
6H	19.1	19.6	19.5	19.9	20.3	19.1	19.6	19.5	19.9	20.3
8H	19.1	19.5	19.4	19.9	20.2	19.1	19.5	19.5	19.9	20.3
12H	19.0	19.4	19.4	19.8	20.2	19.0	19.5	19.4	19.8	20.2
8H 4H	19.2	19.6	19.5	20.0	20.3	19.2	19.6	19.6	20.0	20.4
6H	19.1	19.5	19.5	19.9	20.3	19.1	19.5	19.5	19.9	20.3
8H	19.1	19.4	19.5	19.8	20.3	19.1	19.4	19.5	19.8	20.3
12H	19.0	19.3	19.5	19.7	20.2	19.0	19.3	19.5	19.8	20.2
12H 4H	19.1	19.5	19.5	19.9	20.3	19.1	19.6	19.5	19.9	20.3
6H	19.0	19.4	19.5	19.8	20.2	19.1	19.4	19.5	19.8	20.3
8H	19.0	19.3	19.5	19.7	20.2	19.0	19.3	19.5	19.8	20.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.7				
1.5H	+ 0.8 / - 0.6					+ 0.8 / - 0.6				
2.0H	+ 0.6 / - 0.6					+ 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-1103 15R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

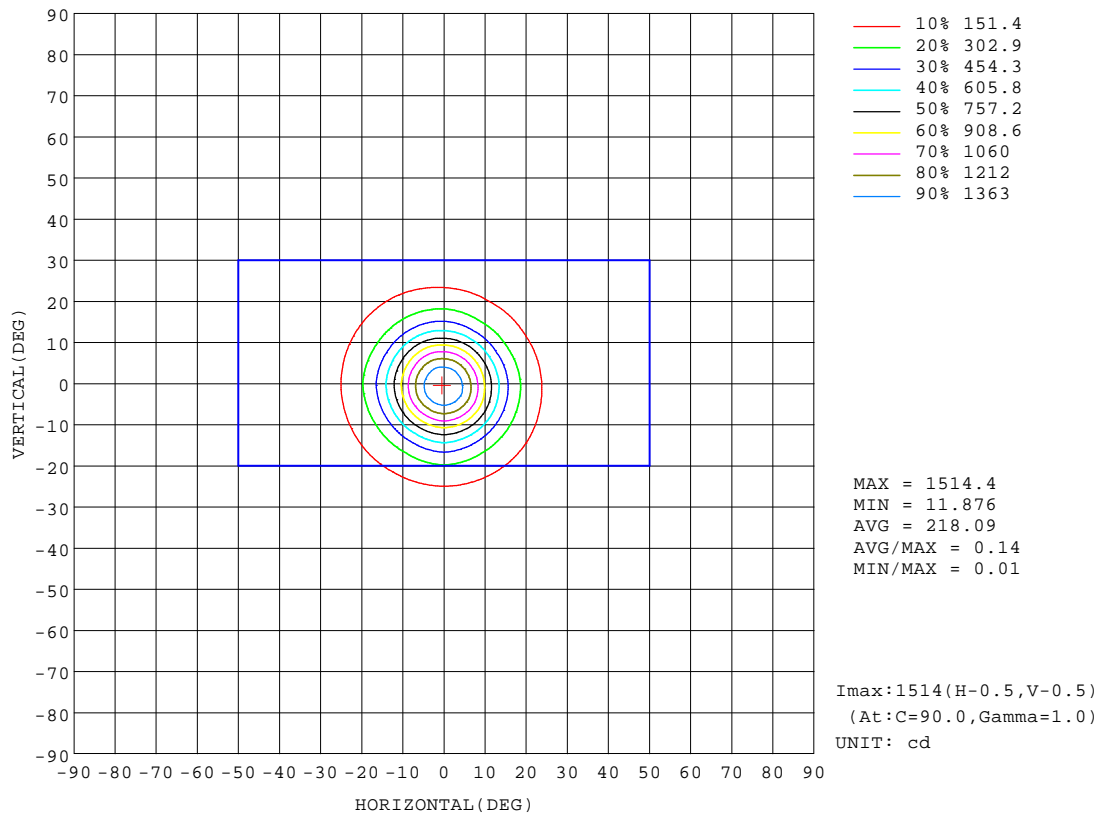
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	37	34	33	37	34	32	37	34	32	31
0.80	40	38	36	40	38	36	40	37	36	34
1.00	42	40	38	42	40	38	41	40	38	36
1.25	44	42	40	44	41	40	43	41	40	38
1.50	45	43	42	45	43	41	44	42	41	39
2.00	47	45	43	46	44	43	45	43	42	40
2.50	47	46	44	47	45	44	45	44	43	40
3.00	48	47	45	47	46	45	46	45	44	41
4.00	49	48	47	48	47	46	47	46	45	42
5.00	50	49	48	49	48	47	47	46	46	42
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:2024-1-4

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-1103 15R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

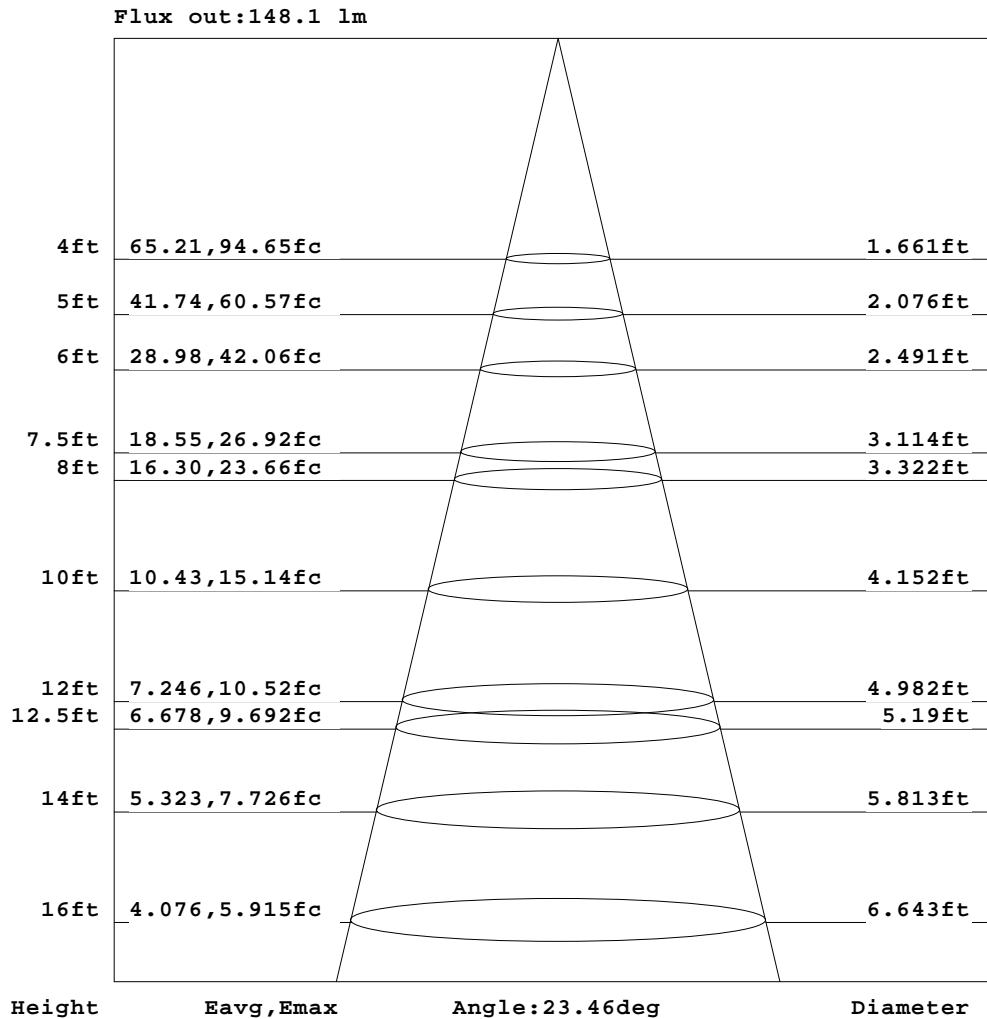


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2024-1-4

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-1103 15R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## AAI Figure

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



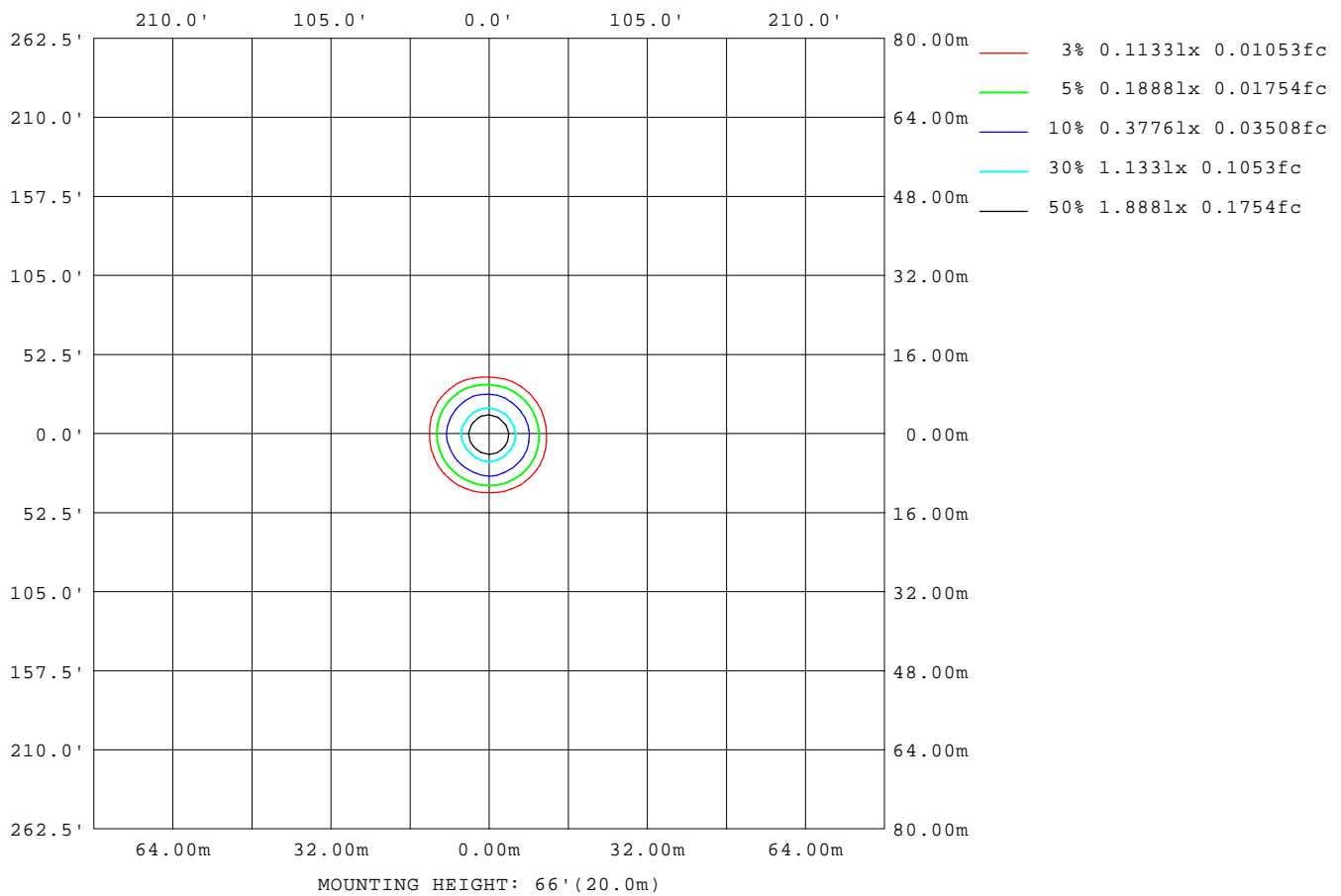
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °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-1103 15R+DIFFUSER  
DRIVER: PUP10A-1WMC-700 500mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
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-1103 15R+DIFFUSER  
DRIVER:PUP10A-1WMC-700 500mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

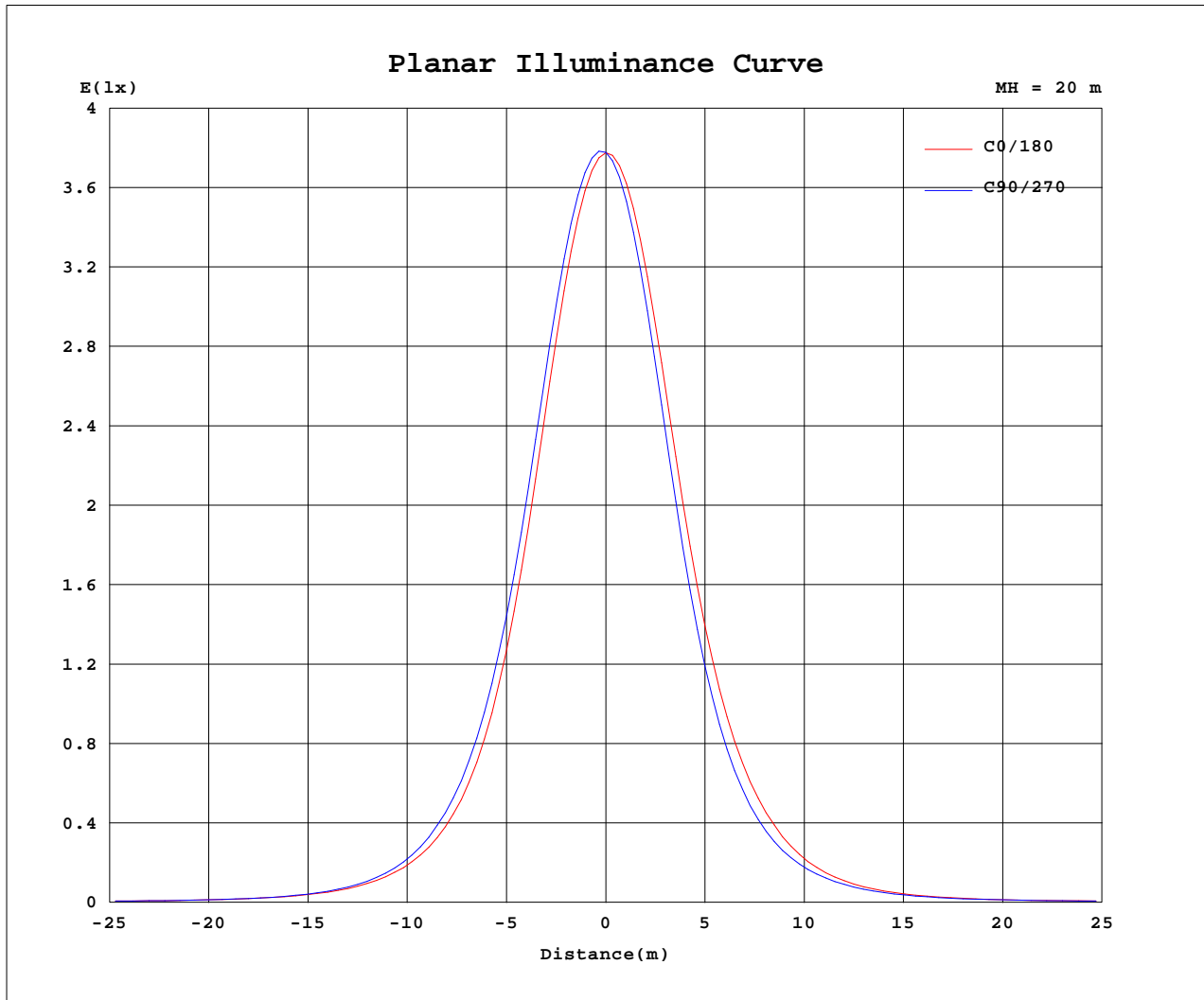
AvgL	cd/m2
L_0~180(65)av	13180
L_0~180(75)av	2312
L_0~180(85)av	1441
L_90~270(65)av	12677
L_90~270(75)av	2432
L_90~270(85)av	1421
L_45(65)av	13995
L_45(75)av	5378
L_45(85)av	1472

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-1103 15R+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-1103 15R+DIFFUSER  
 DRIVER: PUP10A-1WMC-700 500mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.21V I:0.0945A P:11.223W PF:0.9866 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040009
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	1512	1512	1512	1512	1512	1512	1512	1512	1512	1512	1512	1512						
5	1328	1364	1375	1384	1375	1367	1352	1327	1314	1291	1289	1298						
10	895	945	966	977	960	955	941	907	880	846	838	851						
15	493	516	534	564	533	533	546	502	478	461	432	442						
20	251	262	272	296	272	274	294	262	247	236	214	218						
25	129	142	147	152	146	149	153	146	137	121	116	118						
30	69.3	80.9	84.0	78.2	83.6	84.3	79.4	84.7	77.3	65.5	67.9	68.2						
35	38.8	45.1	45.9	42.1	46.5	47.2	42.9	47.1	43.5	37.1	39.2	39.3						
40	23.6	26.3	26.2	24.4	26.8	27.4	25.0	27.3	25.6	22.6	23.7	23.9						
45	16.2	17.2	16.8	16.2	17.3	17.8	16.8	17.8	16.9	15.7	16.2	16.4						
50	13.2	13.5	13.2	13.1	13.8	14.1	13.9	14.2	13.7	13.0	13.3	13.4						
55	11.7	12.3	12.1	11.6	12.6	13.0	12.6	13.2	12.7	11.7	12.2	12.2						
60	11.0	11.2	11.0	10.8	11.5	11.9	11.7	12.0	11.5	11.0	11.1	11.2						
65	9.11	9.73	9.52	9.13	10.1	10.3	9.62	10.3	9.80	8.88	9.56	9.60						
70	5.53	6.39	6.32	5.76	6.66	6.77	5.84	6.49	6.32	5.29	6.03	6.20						
75	1.04	2.37	2.33	1.18	2.46	2.36	0.98	2.13	1.91	0.94	1.97	2.03						
80	0.54	0.58	0.58	0.50	0.58	0.56	0.51	0.51	0.51	0.49	0.52	0.54						
85	0.22	0.23	0.23	0.22	0.23	0.23	0.20	0.20	0.20	0.20	0.20	0.21						
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%  
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Remarks: LAMP:BXRV-DR-1830G-100Z-A-23 Ra:90  
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