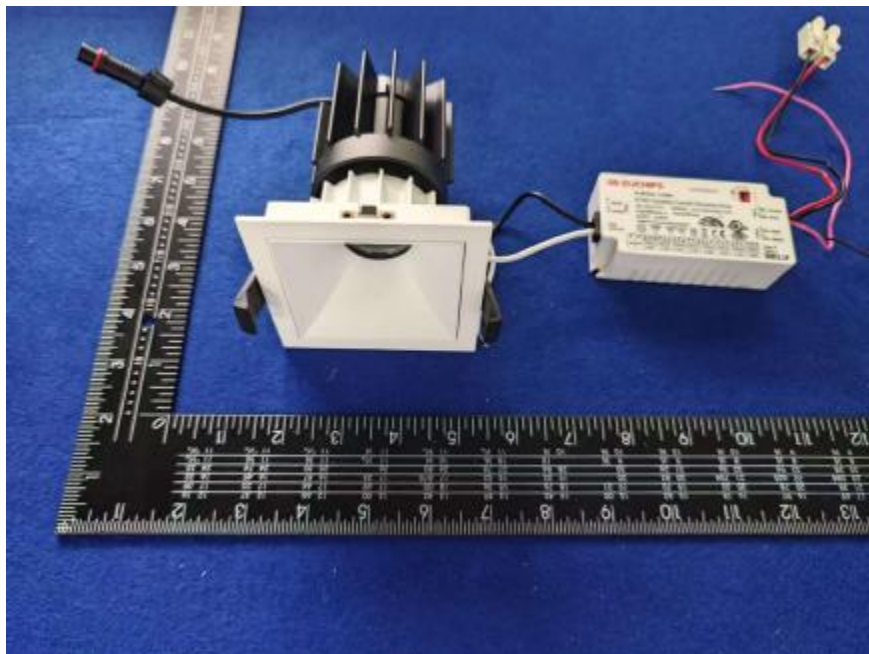


## Luminaire Photograph



Light Output Ratio:	73.3%	
Luminaire Power:	15.05 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: 2025-8-29

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-DR-1830G-0600-B-23 Ra: 90  
LENS: PM-1101 15R  
DRIVER: PUP20A-1WMC 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

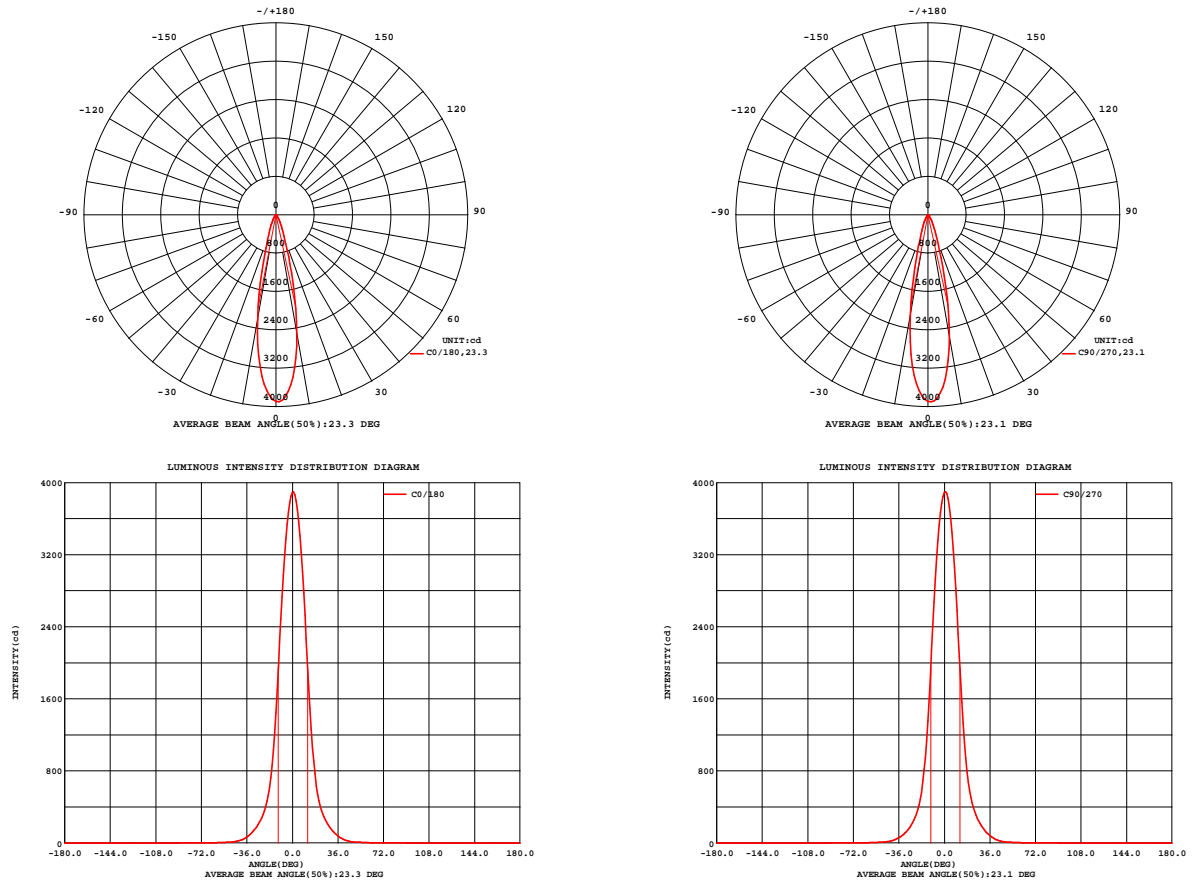


Fig. C0/C180

Fig. C90/C270

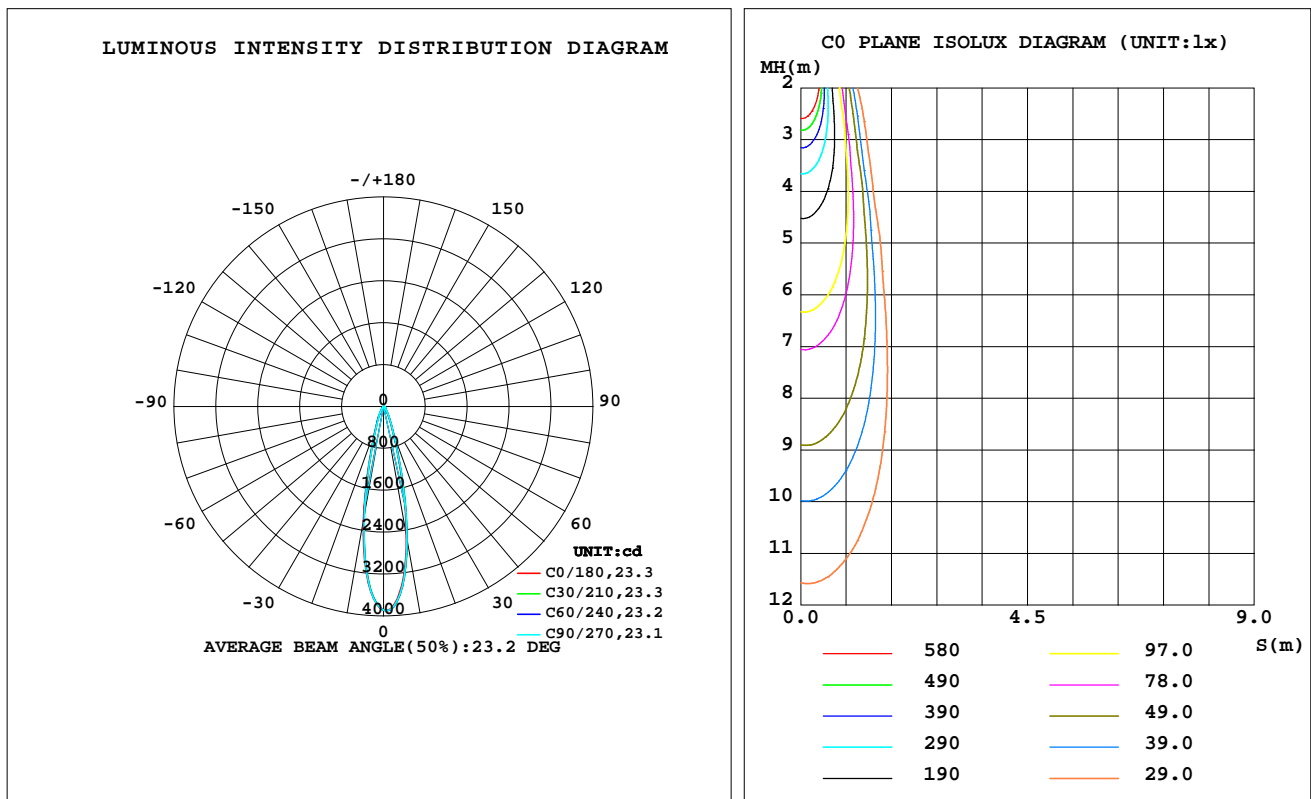
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-8-29

$\gamma$  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-0600-B-23 Ra: 90  
LENS: PM-1101 15R  
DRIVER: PUP20A-1WMC 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.48 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	3903	S/MH(C0/180)	0.37
NOMINAL POWER(W)	15	LOR(%)	73.3	S/MH(C90/270)	0.36
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	835.17	η UP,DN(C0-180)	0.0,39.6
NOMINAL FLUX(lm)	1138.85	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,33.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	73.3	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
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	2530	2602	2580	2399	2221	2142	2137	2307	0- 10	295.6	295.6	35.4,26
20	543.3	590.4	585.8	531.4	463.1	435.5	418.4	465.8	10- 20	325.9	621.5	74.4,54.6
30	165.8	181.2	175.0	160.9	143.8	134.4	124.0	141.6	20- 30	129.3	750.8	89.9,65.9
40	43.43	59.04	45.34	52.00	35.25	42.80	31.61	45.58	30- 40	56.04	806.8	96.6,70.8
50	9.811	13.05	9.542	11.69	8.673	10.50	8.529	11.33	40- 50	18.52	825.4	98.8,72.5
60	3.925	4.847	3.677	4.562	3.424	4.350	3.536	4.613	50- 60	6.282	831.6	99.6,73
70	1.388	1.574	1.284	1.461	1.216	1.401	1.233	1.508	60- 70	2.593	834.2	99.9,73.3
80	0.3463	0.3608	0.3258	0.3194	0.2783	0.2811	0.2816	0.3146	70- 80	0.8115	835.0	100,73.3
90	0	0	0	0	0	0	0	0	80- 90	0.1278	835.2	100,73.3
100	0	0	0	0	0	0	0	0	90-100	0	835.2	100,73.3
110	0	0	0	0	0	0	0	0	100-110	0	835.2	100,73.3
120	0	0	0	0	0	0	0	0	110-120	0	835.2	100,73.3
130	0	0	0	0	0	0	0	0	120-130	0	835.2	100,73.3
140	0	0	0	0	0	0	0	0	130-140	0	835.2	100,73.3
150	0	0	0	0	0	0	0	0	140-150	0	835.2	100,73.3
160	0	0	0	0	0	0	0	0	150-160	0	835.2	100,73.3
170	0	0	0	0	0	0	0	0	160-170	0	835.2	100,73.3
180	0	0	0	0	0	0	0	0	170-180	0	835.2	100,73.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

$\gamma$  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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz  
Lamp Flux:1138.85x1 lm

NAME: 2118.128-LEA-14-DW

TYPE:

WEIGHT:

SPEC.: 3000K

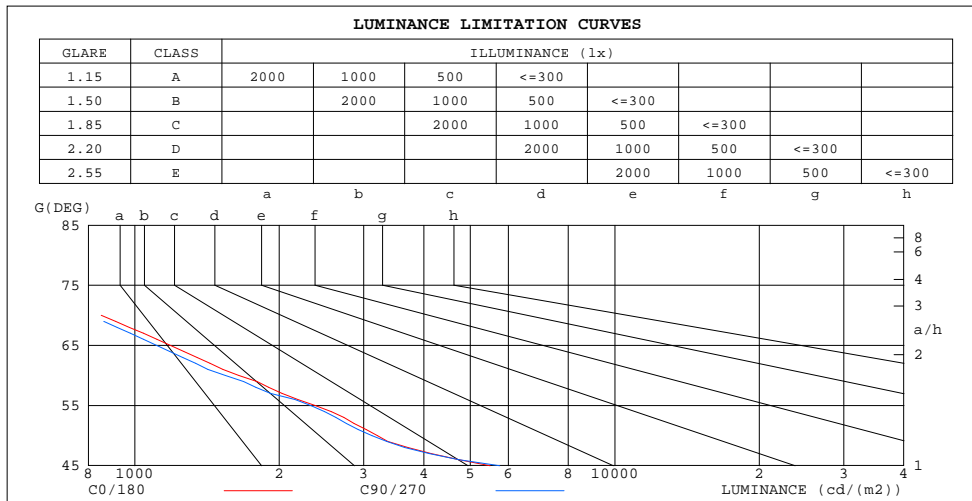
DIM.:

SERIAL No.: 2508290592

MFR.: RISE

SUR.: 0.004761m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	283	287
80	418	394
75	605	550
70	851	789
65	1187	1111
60	1646	1545
55	2379	2329
50	3201	3119
45	5497	5759

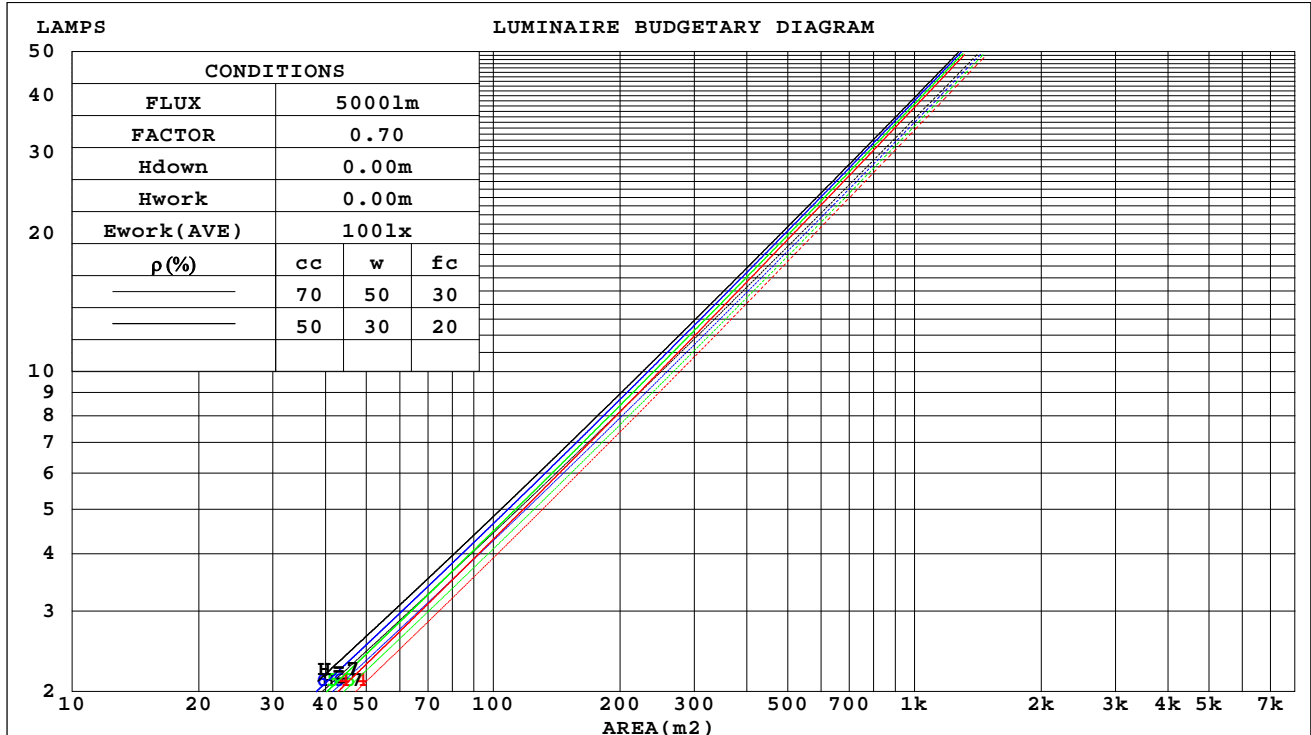
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	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	.87	.87	.87	.85	.85	.85	.81	.81	.81	.78	.78	.78	.75	.75	.75	.73
1.0	.83	.81	.80	.81	.80	.79	.78	.77	.76	.75	.75	.74	.73	.72	.72	.71
2.0	.78	.76	.74	.77	.75	.73	.75	.73	.72	.73	.72	.70	.71	.70	.69	.68
3.0	.75	.72	.70	.74	.71	.69	.72	.70	.68	.70	.69	.67	.69	.67	.66	.65
4.0	.72	.69	.66	.71	.68	.66	.69	.67	.65	.68	.66	.64	.67	.65	.64	.63
5.0	.69	.66	.63	.68	.65	.63	.67	.65	.63	.66	.64	.62	.65	.63	.62	.61
6.0	.66	.63	.61	.66	.63	.61	.65	.62	.60	.64	.62	.60	.63	.61	.59	.59
7.0	.64	.61	.59	.64	.61	.58	.63	.60	.58	.62	.60	.58	.61	.59	.58	.57
8.0	.62	.59	.57	.62	.59	.56	.61	.58	.56	.60	.58	.56	.60	.57	.56	.55
9.0	.60	.57	.55	.60	.57	.55	.59	.56	.55	.59	.56	.54	.58	.56	.54	.54
10.0	.58	.55	.53	.58	.55	.53	.58	.55	.53	.57	.55	.53	.57	.54	.53	.52



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

$\gamma$  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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	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	.104	.059	.019	.100	.057	.018	.090	.052	.017	.082	.047	.015	.074	.043	.014	
2.0	.097	.053	.016	.093	.051	.016	.086	.048	.015	.079	.044	.014	.073	.041	.013	
3.0	.091	.048	.015	.088	.047	.014	.081	.044	.013	.076	.041	.013	.070	.039	.012	
4.0	.086	.044	.013	.083	.043	.013	.077	.041	.012	.072	.039	.012	.068	.037	.011	
5.0	.081	.041	.012	.078	.040	.012	.074	.038	.011	.069	.037	.011	.066	.035	.011	
6.0	.076	.038	.011	.074	.038	.011	.070	.036	.010	.067	.035	.010	.063	.033	.010	
7.0	.073	.036	.010	.071	.035	.010	.067	.034	.010	.064	.033	.010	.061	.032	.009	
8.0	.069	.034	.009	.067	.033	.009	.064	.032	.009	.062	.031	.009	.059	.030	.009	
9.0	.066	.032	.009	.065	.031	.009	.062	.031	.009	.059	.030	.009	.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	.140	.140	.140	.119	.119	.119	.081	.081	.081	.047	.047	.047	.015	.015	.015		
1.0	.124	.116	.108	.106	.099	.093	.072	.068	.064	.042	.039	.037	.013	.013	.012		
2.0	.111	.097	.086	.095	.084	.074	.065	.058	.052	.037	.034	.030	.012	.011	.010		
3.0	.100	.083	.070	.086	.072	.060	.059	.050	.042	.034	.029	.025	.011	.009	.008		
4.0	.091	.072	.057	.078	.062	.050	.054	.043	.035	.031	.025	.021	.010	.008	.007		
5.0	.084	.063	.048	.072	.054	.042	.049	.038	.029	.029	.022	.017	.009	.007	.006		
6.0	.077	.056	.040	.066	.048	.035	.046	.034	.025	.027	.020	.015	.009	.006	.005		
7.0	.072	.050	.034	.062	.043	.030	.043	.030	.021	.025	.018	.013	.008	.006	.004		
8.0	.067	.045	.030	.058	.039	.026	.040	.027	.018	.023	.016	.011	.007	.005	.004		
9.0	.063	.041	.026	.054	.035	.022	.037	.025	.016	.022	.015	.010	.007	.005	.003		
10.0	.059	.037	.023	.051	.032	.020	.035	.023	.014	.021	.013	.008	.007	.004	.003		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm										
NAME: 2118.128-LEA-14-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2508290592		
MFR.: RISE					SUR.: 0.004761m2			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	11.7	12.4	11.9	12.6	12.7	11.6	12.3	11.9	12.5	12.6
3H	11.6	12.3	11.9	12.5	12.6	11.6	12.2	11.8	12.4	12.6
4H	11.6	12.2	11.8	12.4	12.6	11.5	12.1	11.8	12.3	12.5
6H	11.5	12.1	11.8	12.3	12.5	11.4	12.0	11.7	12.2	12.5
8H	11.5	12.0	11.7	12.3	12.5	11.4	11.9	11.7	12.2	12.4
12H	11.4	11.9	11.7	12.2	12.5	11.3	11.9	11.6	12.1	12.4
4H 2H	11.6	12.2	11.8	12.4	12.6	11.5	12.1	11.8	12.3	12.5
3H	11.5	12.0	11.8	12.3	12.5	11.4	11.9	11.7	12.2	12.5
4H	11.4	11.9	11.8	12.2	12.5	11.3	11.8	11.7	12.1	12.4
6H	11.3	11.8	11.7	12.1	12.4	11.3	11.7	11.6	12.0	12.4
8H	11.3	11.7	11.7	12.0	12.4	11.2	11.6	11.6	12.0	12.3
12H	11.2	11.6	11.6	12.0	12.4	11.2	11.5	11.6	11.9	12.3
8H 4H	11.3	11.7	11.7	12.0	12.4	11.2	11.6	11.6	12.0	12.3
6H	11.2	11.5	11.6	11.9	12.3	11.1	11.4	11.5	11.8	12.2
8H	11.1	11.4	11.6	11.8	12.3	11.1	11.4	11.5	11.8	12.2
12H	11.1	11.3	11.5	11.8	12.2	11.0	11.3	11.5	11.7	12.2
12H 4H	11.2	11.6	11.6	12.0	12.3	11.1	11.5	11.6	11.9	12.3
6H	11.1	11.4	11.6	11.8	12.3	11.1	11.4	11.5	11.8	12.2
8H	11.1	11.3	11.5	11.8	12.2	11.0	11.3	11.5	11.7	12.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 6.3					+ 2.3 / - 6.7				
1.5H	+ 4.0 / - 5.1					+ 4.3 / - 5.2				
2.0H	+ 4.0 / - 3.6					+ 4.0 / - 3.6				

CIE Pub.117, 1139 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.5)  
Area: 0.004761 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

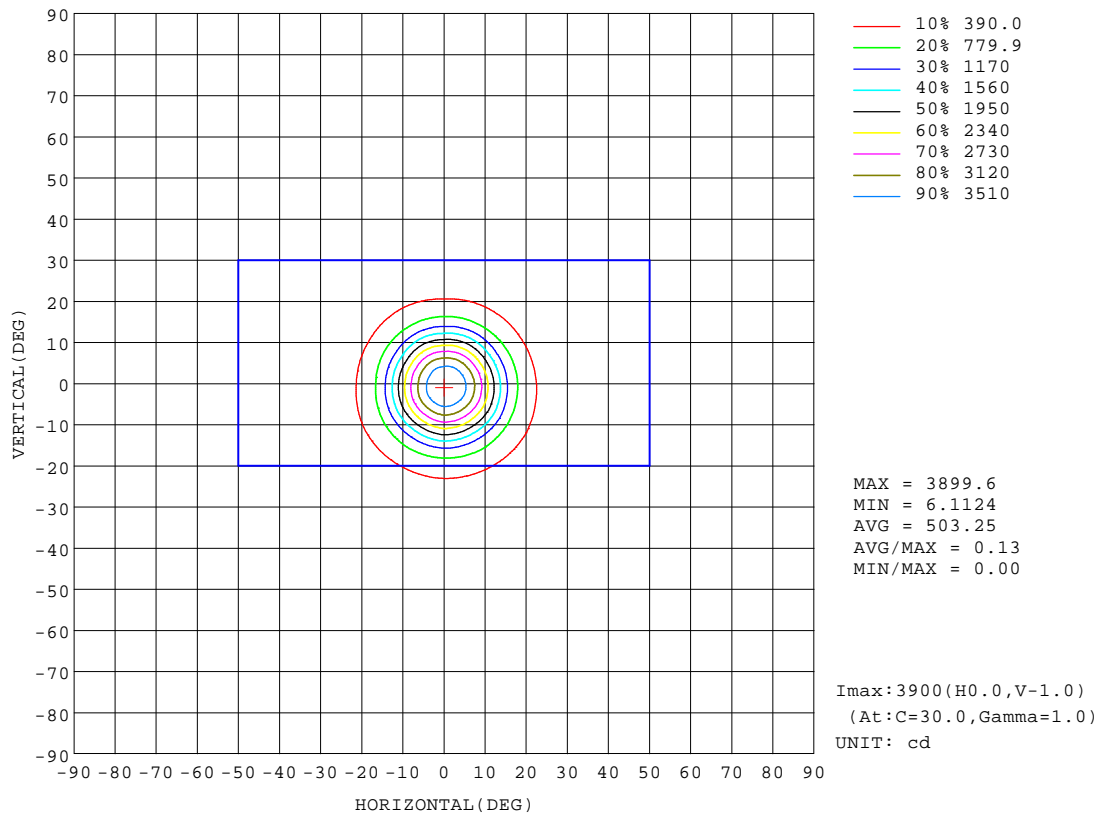
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	66	61	59	65	61	59	65	61	58	56
0.80	71	67	64	70	67	64	70	66	64	61
1.00	74	70	67	73	70	67	72	69	67	64
1.25	77	73	71	76	73	70	74	72	70	67
1.50	78	75	73	78	75	73	76	74	72	69
2.00	80	77	75	79	77	75	77	75	73	70
2.50	81	79	77	80	78	76	78	76	75	70
3.00	82	80	78	81	79	77	79	77	76	71
4.00	84	82	80	82	81	79	80	78	77	72
5.00	85	83	82	83	82	81	80	79	78	73
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:2025-8-29

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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

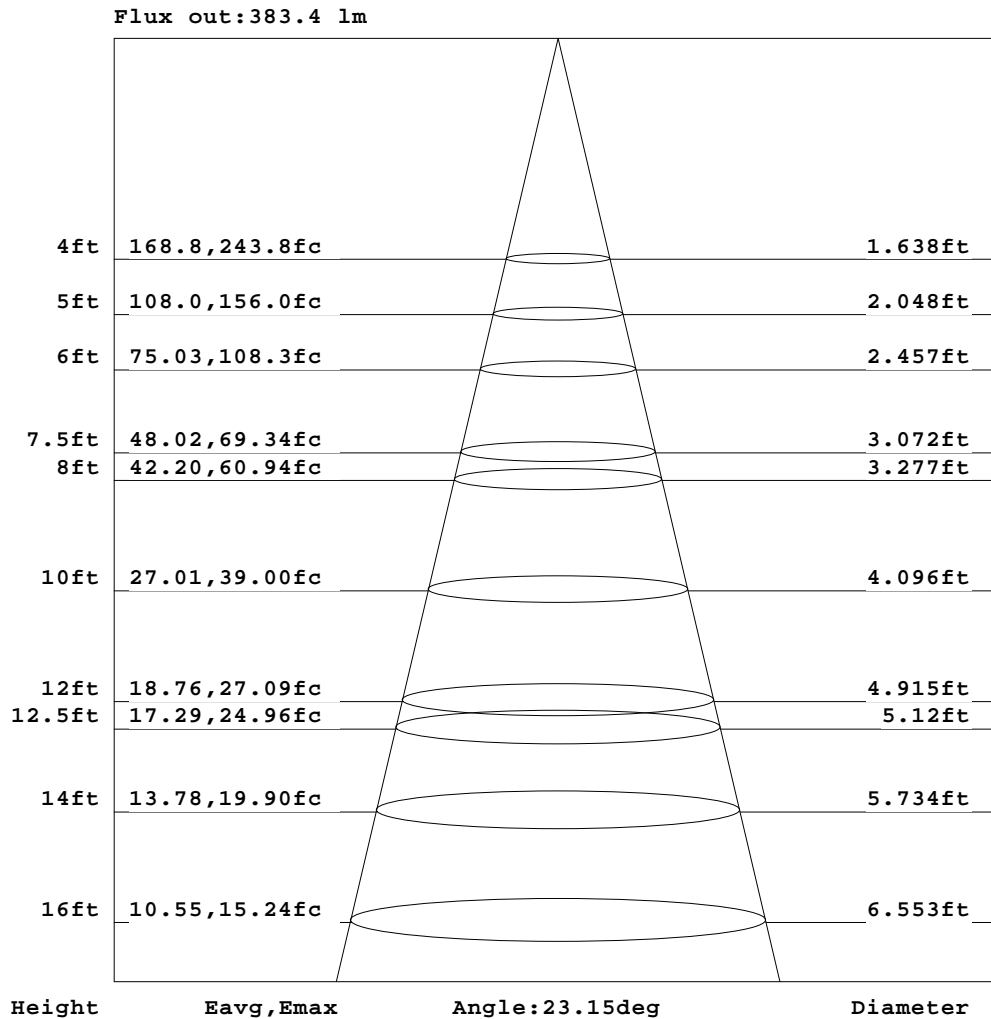


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## AAI Figure

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:



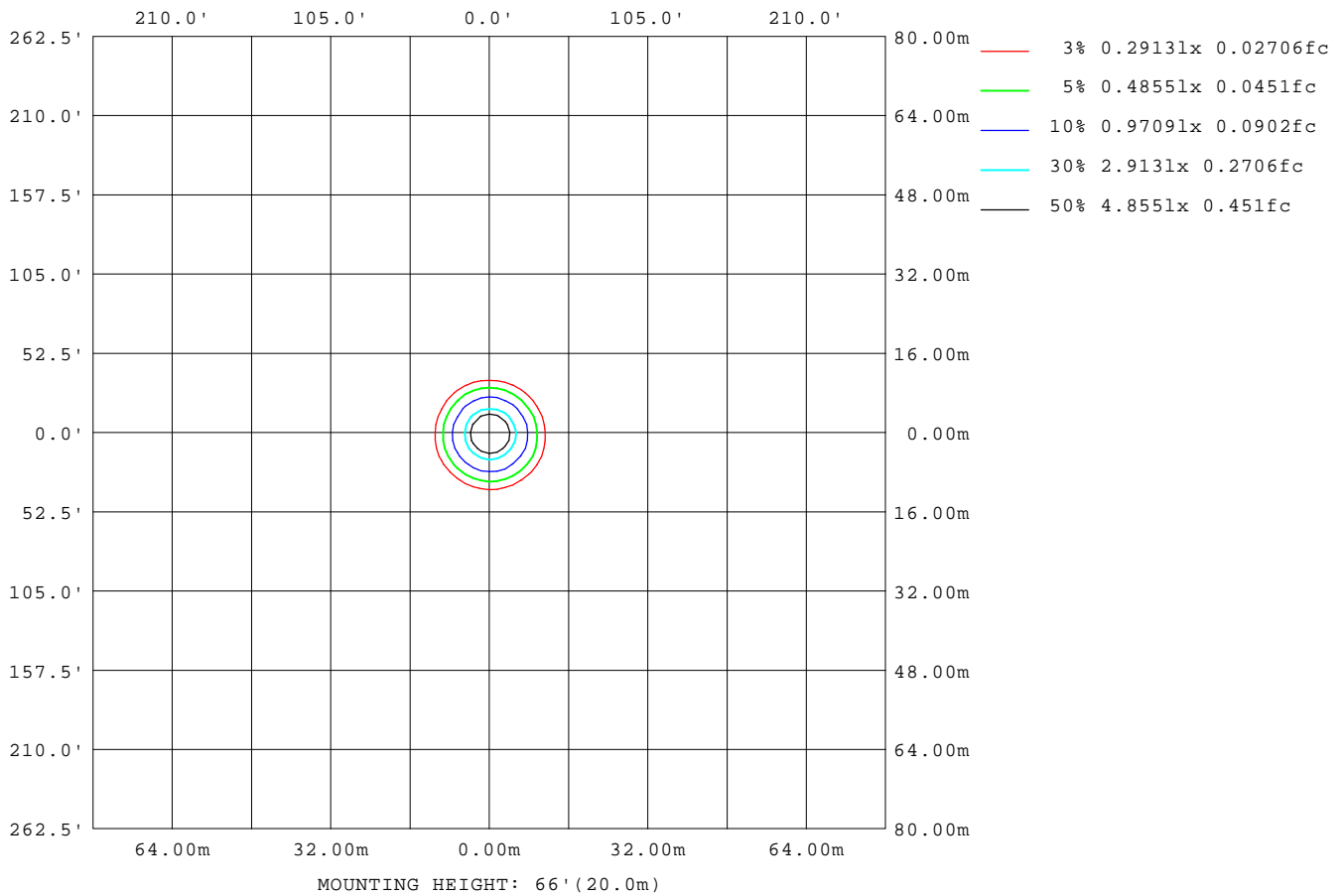
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2025-8-29

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-0600-B-23 Ra: 90  
LENS: PM-1101 15R  
DRIVER: PUP20A-1WMC 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-8-29

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-0600-B-23 Ra: 90  
LENS: PM-1101 15R  
DRIVER: PUP20A-1WMC 350mA  
30minutes warm-up

### LED Avg.L Report

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

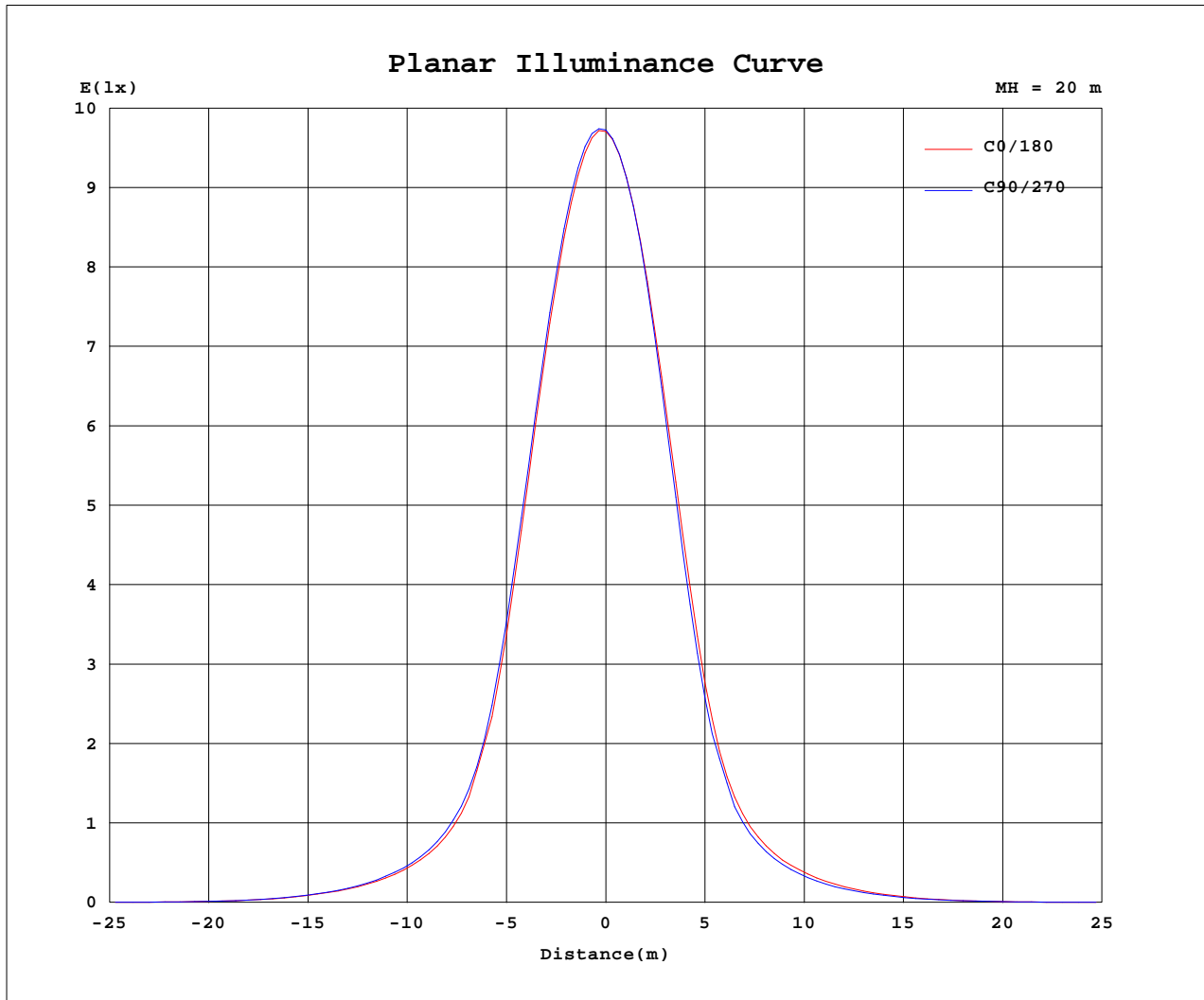
AvgL	cd/m2
L_0~180(65)av	1119
L_0~180(75)av	560
L_0~180(85)av	243
L_90~270(65)av	1093
L_90~270(75)av	534
L_90~270(85)av	243
L_45(65)av	1347
L_45(75)av	614
L_45(85)av	223

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

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-0600-B-23 Ra:90  
LENS:PM-1101 15R  
DRIVER:PUP20A-1WMC 350mA  
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: 2025-8-29

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-0600-B-23 Ra: 90  
 LENS: PM-1101 15R  
 DRIVER: PUP20A-1WMC 350mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.1262A P:15.054W PF:0.9926 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290592
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3889	3889	3889	3889	3889	3889	3889	3889	3889	3889	3889	3889						
5	3566	3614	3606	3601	3533	3465	3375	3331	3354	3360	3433	3484						
10	2530	2610	2593	2580	2448	2350	2221	2135	2150	2137	2255	2360						
15	1263	1362	1330	1326	1213	1143	1027	956	963	943	1037	1115						
20	543	593	588	586	543	519	463	436	435	418	450	482						
25	290	316	313	310	290	277	253	238	239	225	240	257						
30	166	182	180	175	164	158	144	136	132	124	136	147						
35	92.6	107	104	96.0	95.4	90.9	77.1	80.1	74.8	66.7	77.9	85.1						
40	43.4	60.5	57.5	45.3	54.4	49.6	35.2	44.6	41.0	31.6	44.1	47.1						
45	18.5	30.9	27.8	19.4	27.9	23.9	14.8	22.8	20.8	14.7	23.2	23.5						
50	9.81	14.1	12.0	9.54	12.6	10.8	8.67	10.9	10.1	8.53	11.4	11.3						
55	6.51	7.90	7.38	6.36	7.37	7.09	5.74	7.01	6.76	5.70	7.17	7.35						
60	3.93	5.14	4.56	3.68	4.75	4.38	3.42	4.40	4.30	3.54	4.66	4.57						
65	2.39	2.91	2.64	2.23	2.61	2.57	2.11	2.54	2.54	2.17	2.74	2.71						
70	1.39	1.64	1.51	1.28	1.46	1.46	1.22	1.39	1.41	1.23	1.50	1.51						
75	0.75	0.84	0.79	0.68	0.75	0.74	0.63	0.68	0.70	0.64	0.74	0.76						
80	0.35	0.37	0.35	0.33	0.32	0.32	0.28	0.27	0.29	0.28	0.31	0.32						
85	0.12	0.12	0.12	0.12	0.10	0.09	0.08	0.07	0.07	0.08	0.08	0.09						
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  
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