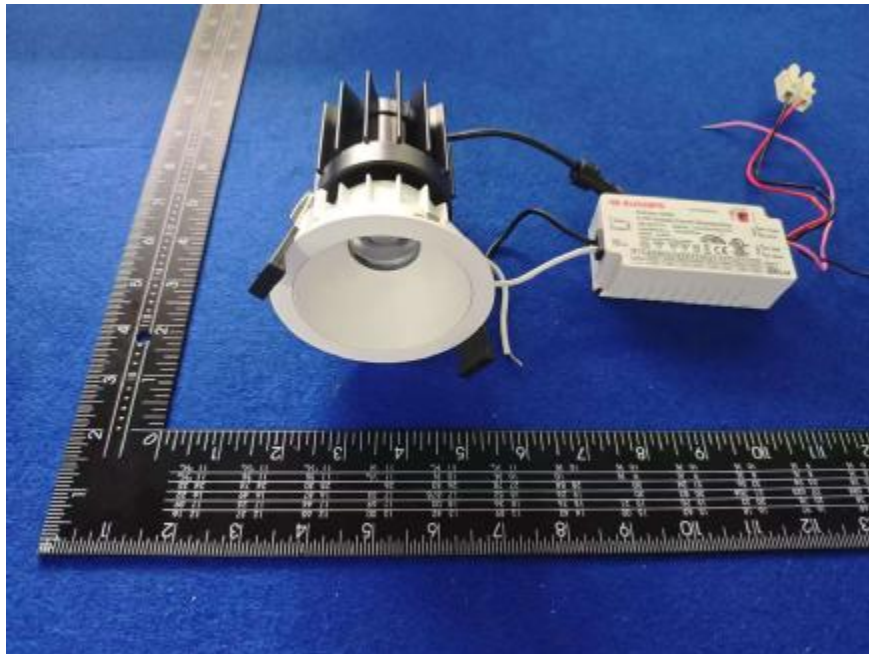


### Luminaire Photograph



Light Output Ratio:	73.5%	
Luminaire Power:	14.97 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: 2025-8-26

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

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

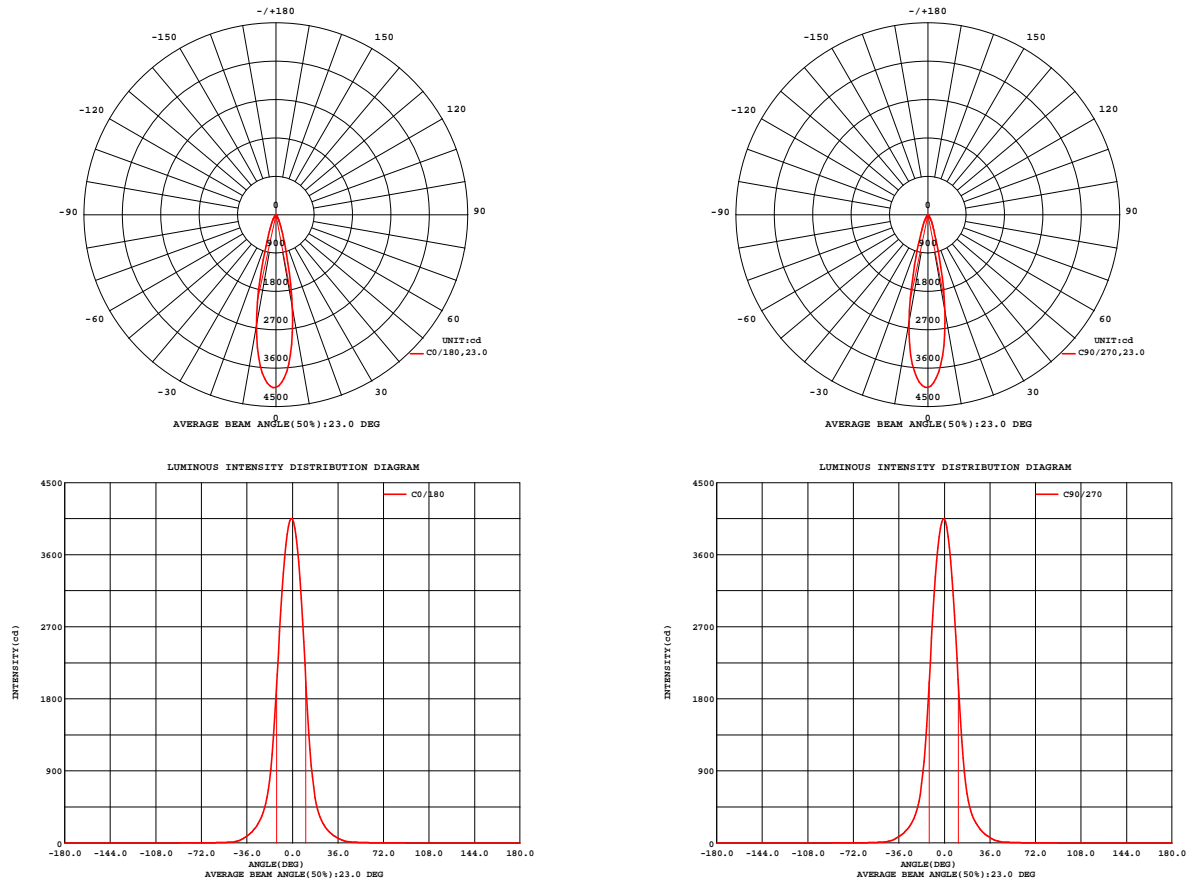


Fig. C0/C180

Fig. C90/C270

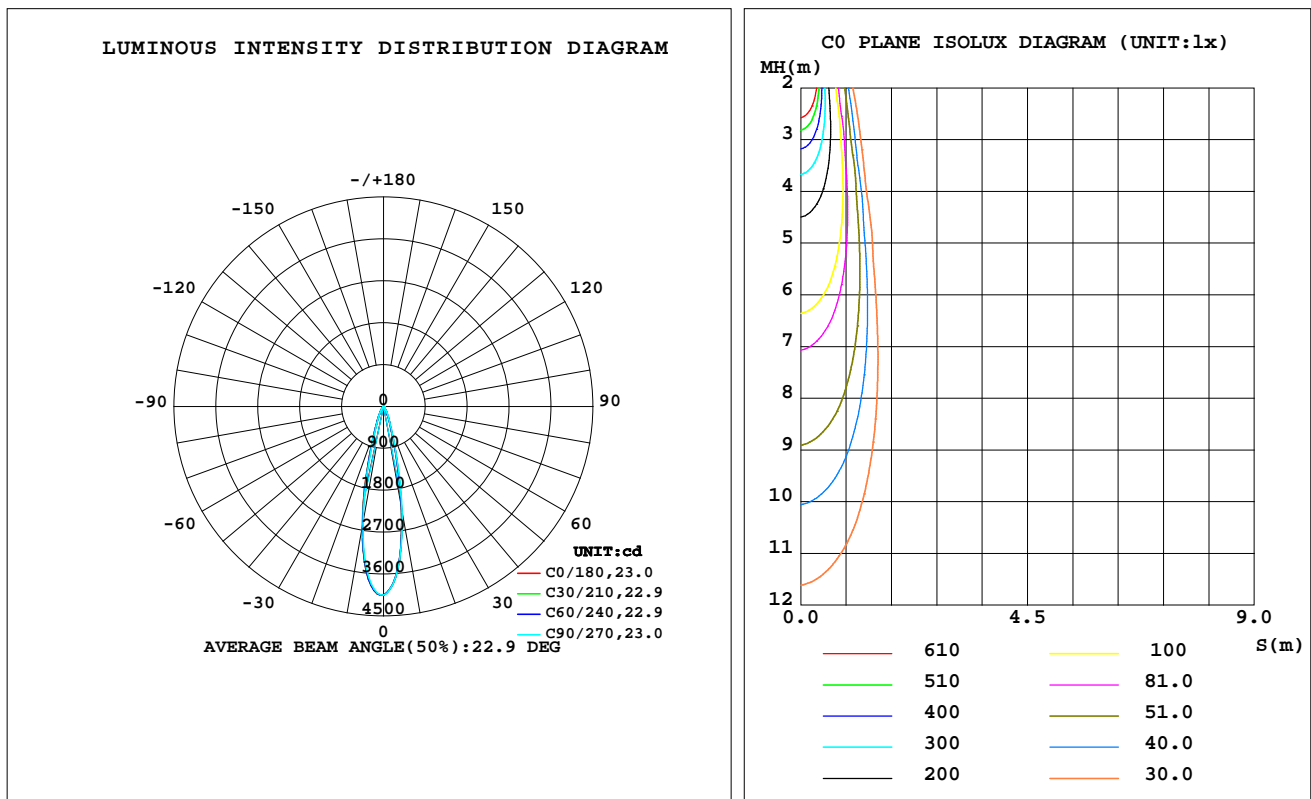
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-8-26

$\gamma$  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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.88 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	4052	S/MH(C0/180)	0.40
NOMINAL POWER(W)	15	LOR(%)	73.5	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	836.73	η UP,DN(C0-180)	0.0,34.7
NOMINAL FLUX(lm)	1138.85	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,38.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	73.5	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

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:

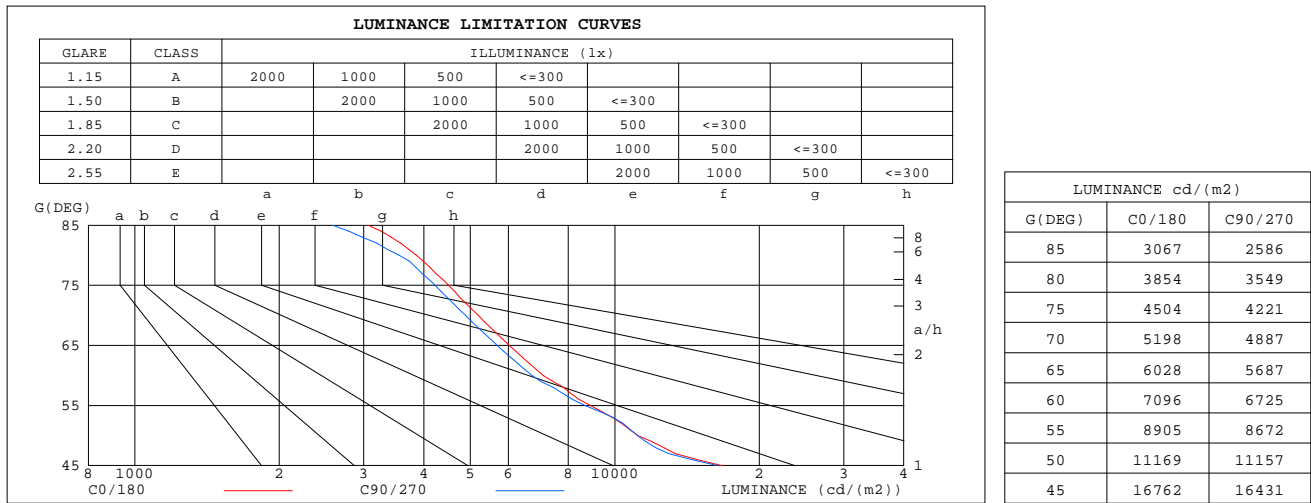
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	2225	2245	2305	2413	2646	2610	2564	2475	0- 10	306.4	306.4	36.6,26.9
20	418.7	421.1	457.1	501.9	568.4	550.3	517.2	483.9	10- 20	327.5	633.9	75.8,55.7
30	126.0	127.5	142.3	157.8	172.0	163.5	156.4	146.6	20- 30	125.1	759.0	90.7,66.6
40	32.02	31.69	34.38	38.34	44.94	43.92	42.88	39.46	30- 40	53.51	812.5	97.1,71.3
50	8.545	8.479	8.534	8.608	9.030	9.160	9.300	9.176	40- 50	13.86	826.3	98.8,72.6
60	4.223	4.134	4.002	3.889	4.038	4.139	4.348	4.430	50- 60	5.625	832.0	99.4,73.1
70	2.116	2.052	1.989	1.773	2.004	2.047	2.157	2.217	60- 70	2.960	834.9	99.8,73.3
80	0.7966	0.7379	0.7334	0.6078	0.7887	0.8094	0.8656	0.8714	70- 80	1.417	836.3	100,73.4
90	0	0	0	0	0	0	0	0	80- 90	0.3780	836.7	100,73.5
100	0	0	0	0	0	0	0	0	90-100	0	836.7	100,73.5
110	0	0	0	0	0	0	0	0	100-110	0	836.7	100,73.5
120	0	0	0	0	0	0	0	0	110-120	0	836.7	100,73.5
130	0	0	0	0	0	0	0	0	120-130	0	836.7	100,73.5
140	0	0	0	0	0	0	0	0	130-140	0	836.7	100,73.5
150	0	0	0	0	0	0	0	0	140-150	0	836.7	100,73.5
160	0	0	0	0	0	0	0	0	150-160	0	836.7	100,73.5
170	0	0	0	0	0	0	0	0	160-170	0	836.7	100,73.5
180	0	0	0	0	0	0	0	0	170-180	0	836.7	100,73.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

$\gamma$  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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:



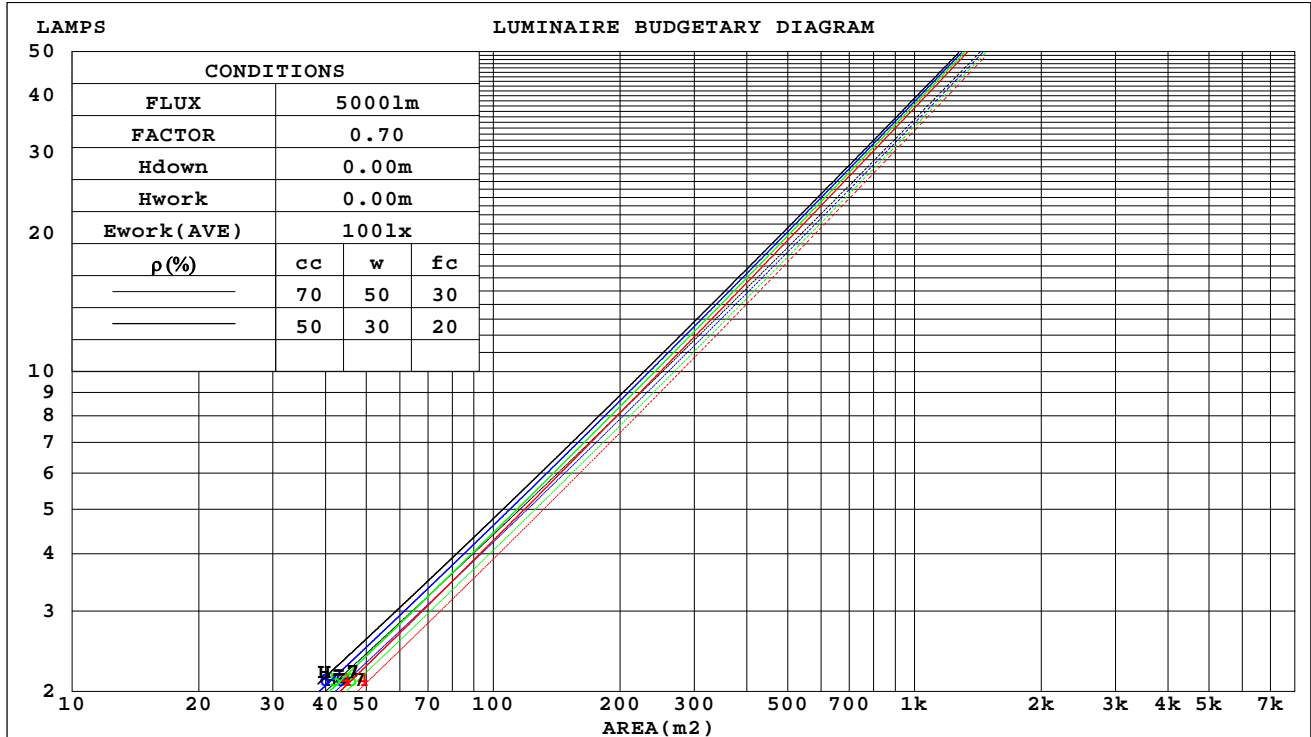
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	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	.82	.82	.82	.78	.78	.78	.75	.75	.75	.73
1.0	.83	.81	.80	.81	.80	.79	.78	.77	.76	.76	.75	.74	.73	.73	.72	.71
2.0	.79	.76	.75	.77	.75	.74	.75	.74	.72	.73	.72	.71	.71	.70	.69	.68
3.0	.75	.72	.70	.74	.72	.70	.72	.70	.69	.71	.69	.68	.69	.68	.67	.66
4.0	.72	.69	.67	.71	.69	.66	.70	.68	.66	.68	.67	.65	.67	.66	.64	.63
5.0	.69	.66	.64	.69	.66	.64	.68	.65	.63	.66	.64	.63	.65	.64	.62	.61
6.0	.67	.64	.61	.66	.63	.61	.65	.63	.61	.64	.62	.60	.64	.62	.60	.59
7.0	.65	.61	.59	.64	.61	.59	.63	.61	.59	.63	.60	.59	.62	.60	.58	.57
8.0	.63	.59	.57	.62	.59	.57	.62	.59	.57	.61	.58	.57	.60	.58	.57	.56
9.0	.61	.58	.56	.60	.57	.55	.60	.57	.55	.59	.57	.55	.59	.57	.55	.54
10.0	.59	.56	.54	.59	.56	.54	.58	.56	.54	.58	.55	.54	.57	.55	.53	.53



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

$\gamma$  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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	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	.099	.056	.018	.090	.052	.016	.082	.047	.015	.074	.043	.014	
2.0	.097	.053	.016	.093	.051	.016	.085	.047	.015	.078	.044	.014	.072	.041	.013	
3.0	.090	.048	.014	.087	.047	.014	.081	.044	.013	.075	.041	.013	.069	.038	.012	
4.0	.085	.044	.013	.082	.043	.013	.076	.041	.012	.071	.038	.012	.067	.036	.011	
5.0	.080	.041	.012	.077	.040	.012	.073	.038	.011	.068	.036	.011	.064	.034	.010	
6.0	.075	.038	.011	.073	.037	.011	.069	.036	.010	.066	.034	.010	.062	.033	.010	
7.0	.071	.035	.010	.070	.035	.010	.066	.033	.010	.063	.032	.009	.060	.031	.009	
8.0	.068	.033	.009	.066	.033	.009	.063	.032	.009	.061	.031	.009	.058	.030	.009	
9.0	.065	.031	.009	.064	.031	.009	.061	.030	.009	.058	.029	.008	.056	.028	.008	
10.0	.062	.030	.008	.061	.029	.008	.059	.029	.008	.056	.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	.140	.140	.140	.120	.120	.120	.082	.082	.082	.047	.047	.047	.015	.015	.015		
1.0	.124	.116	.109	.106	.099	.093	.073	.068	.065	.042	.040	.038	.013	.013	.012		
2.0	.111	.097	.086	.095	.084	.075	.065	.058	.052	.038	.034	.030	.012	.011	.010		
3.0	.100	.083	.070	.086	.072	.061	.059	.050	.043	.034	.029	.025	.011	.009	.008		
4.0	.091	.072	.058	.078	.062	.050	.054	.043	.035	.031	.025	.021	.010	.008	.007		
5.0	.083	.063	.048	.072	.055	.042	.049	.038	.029	.029	.022	.017	.009	.007	.006		
6.0	.077	.056	.041	.066	.048	.035	.046	.034	.025	.026	.020	.015	.009	.006	.005		
7.0	.071	.050	.035	.061	.043	.030	.042	.030	.021	.025	.018	.013	.008	.006	.004		
8.0	.067	.045	.030	.057	.039	.026	.040	.027	.018	.023	.016	.011	.007	.005	.004		
9.0	.062	.041	.026	.054	.035	.023	.037	.025	.016	.022	.015	.010	.007	.005	.003		
10.0	.059	.037	.023	.051	.032	.020	.035	.023	.014	.020	.013	.008	.007	.004	.003		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm										
NAME: 2118.125-LEA-14-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2508260583		
MFR.: RISE					SUR.: 0.00119025m2			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	13.9	14.6	14.1	14.7	14.9	14.2	14.9	14.4	15.0	15.2
3H	14.0	14.6	14.2	14.8	15.0	14.3	14.9	14.5	15.1	15.3
4H	14.0	14.6	14.3	14.8	15.0	14.3	14.9	14.5	15.1	15.3
6H	14.0	14.6	14.3	14.8	15.1	14.3	14.8	14.5	15.1	15.3
8H	14.0	14.6	14.3	14.8	15.1	14.2	14.8	14.5	15.0	15.3
12H	14.0	14.5	14.3	14.8	15.0	14.2	14.7	14.5	15.0	15.3
4H 2H	13.8	14.4	14.1	14.6	14.8	14.1	14.7	14.4	14.9	15.1
3H	14.0	14.5	14.3	14.7	15.0	14.2	14.7	14.5	15.0	15.3
4H	14.0	14.5	14.4	14.8	15.1	14.3	14.7	14.6	15.0	15.3
6H	14.1	14.5	14.4	14.8	15.2	14.3	14.7	14.6	15.0	15.4
8H	14.1	14.5	14.5	14.8	15.2	14.3	14.7	14.7	15.0	15.4
12H	14.1	14.4	14.5	14.8	15.2	14.2	14.6	14.6	15.0	15.4
8H 4H	14.0	14.4	14.4	14.7	15.1	14.2	14.6	14.6	14.9	15.3
6H	14.0	14.4	14.5	14.8	15.2	14.2	14.6	14.7	15.0	15.4
8H	14.1	14.4	14.5	14.8	15.2	14.2	14.5	14.7	14.9	15.4
12H	14.1	14.3	14.5	14.8	15.2	14.2	14.5	14.7	14.9	15.4
12H 4H	13.9	14.3	14.3	14.7	15.0	14.1	14.5	14.5	14.9	15.3
6H	14.0	14.3	14.5	14.7	15.2	14.2	14.5	14.6	14.9	15.3
8H	14.0	14.3	14.5	14.7	15.2	14.2	14.5	14.7	14.9	15.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.4 / - 3.0					+ 3.0 / - 3.4				
1.5H	+ 4.3 / - 2.5					+ 4.9 / - 2.8				
2.0H	+ 2.1 / - 1.1					+ 2.1 / - 1.2				

CIE Pub.117, 1139 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.5)  
Area: 0.00119025 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:

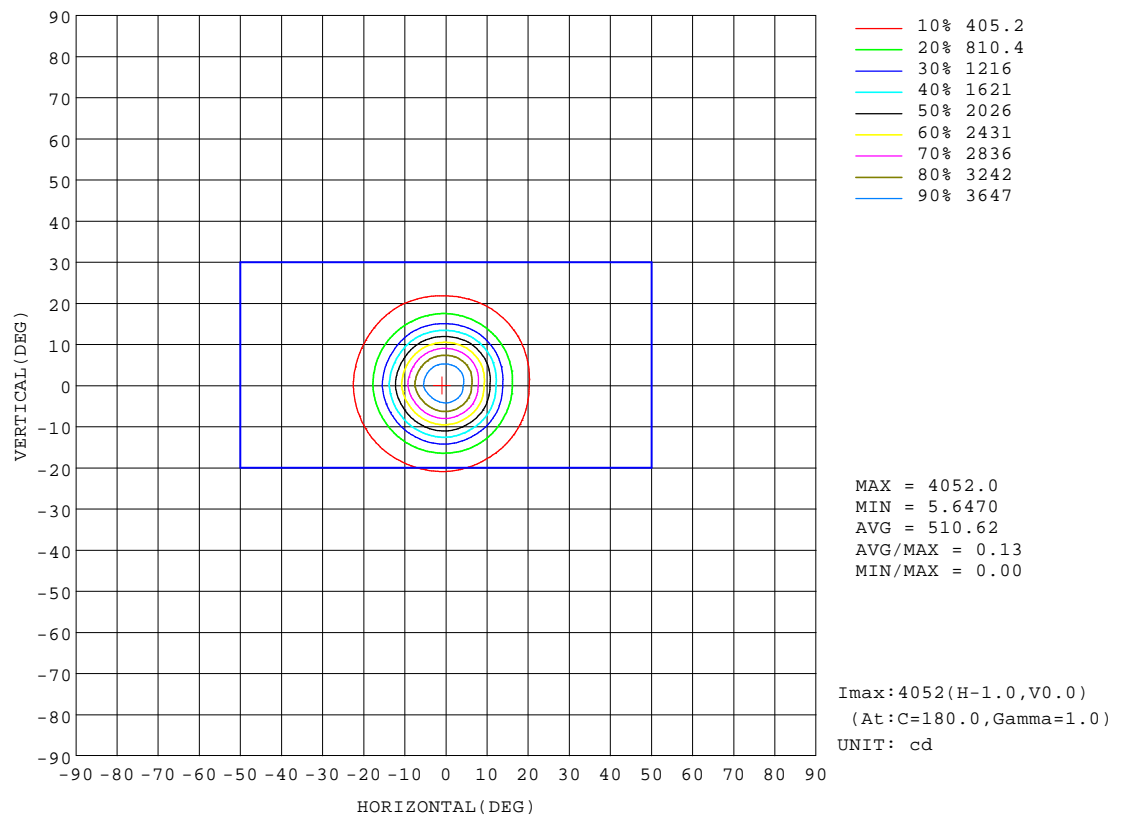
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	66	62	59	66	61	59	65	61	59	56
0.80	71	67	65	71	67	65	70	67	64	62
1.00	74	70	68	73	70	68	72	70	67	64
1.25	77	73	71	76	73	71	75	72	70	67
1.50	79	75	73	78	75	73	76	74	72	69
2.00	80	77	75	79	77	75	77	75	74	70
2.50	81	79	77	80	78	76	78	76	75	71
3.00	83	80	78	81	79	78	79	77	76	71
4.00	84	82	81	82	81	80	80	79	78	72
5.00	85	83	82	83	82	81	80	79	79	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:2025-8-26

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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:

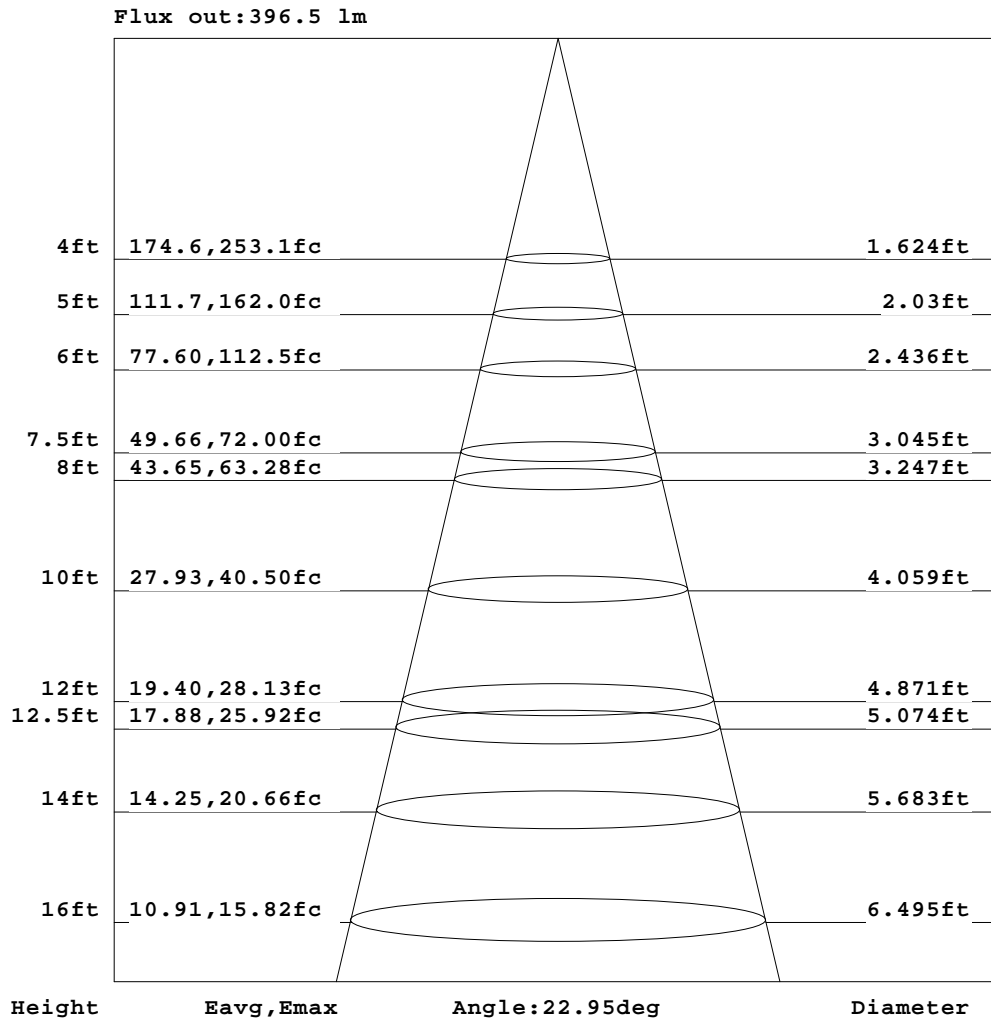


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:



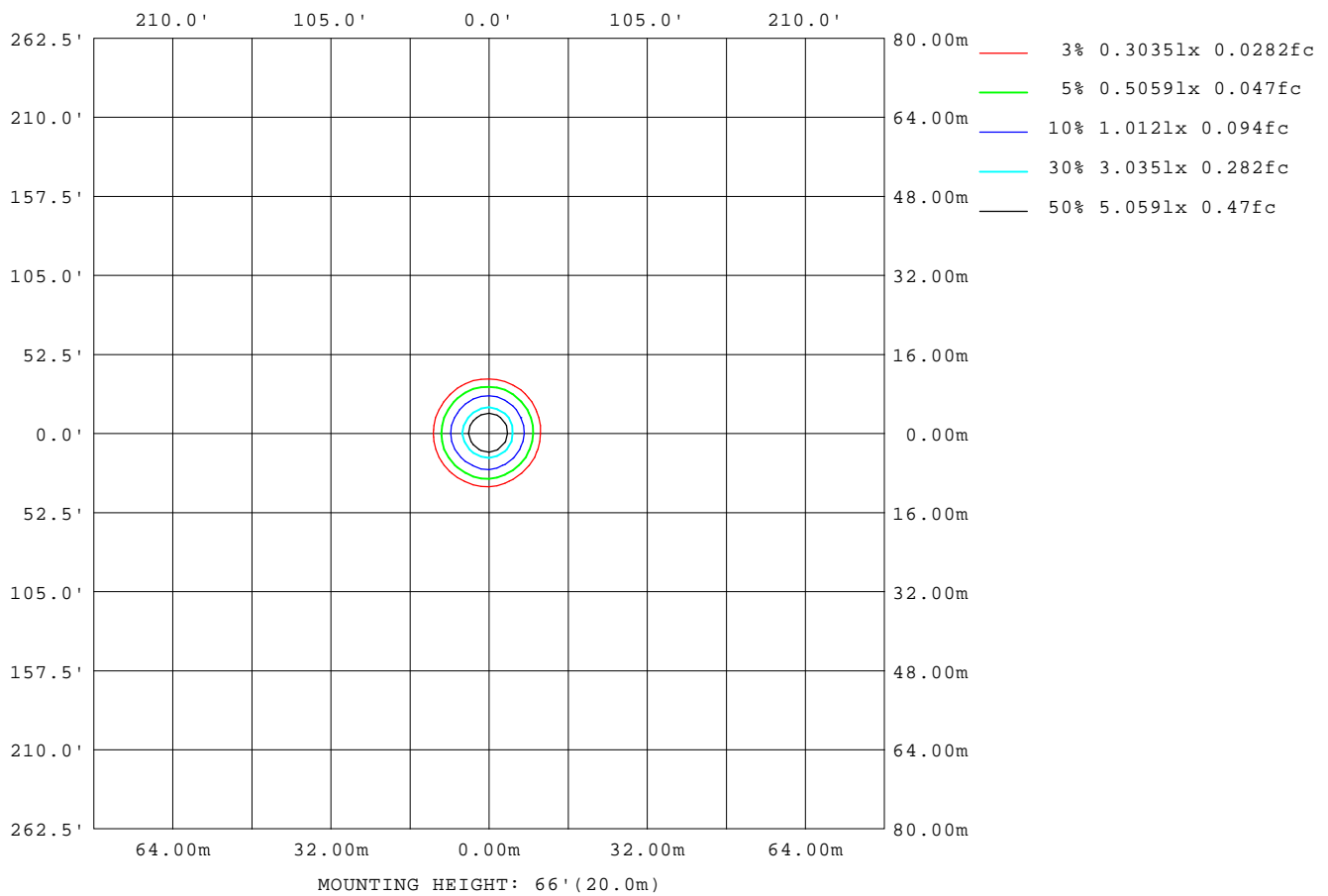
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

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

## ISOLUX DIAGRAM

Test:U:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2025-8-26

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

### LED Avg.L Report

Test:U:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:

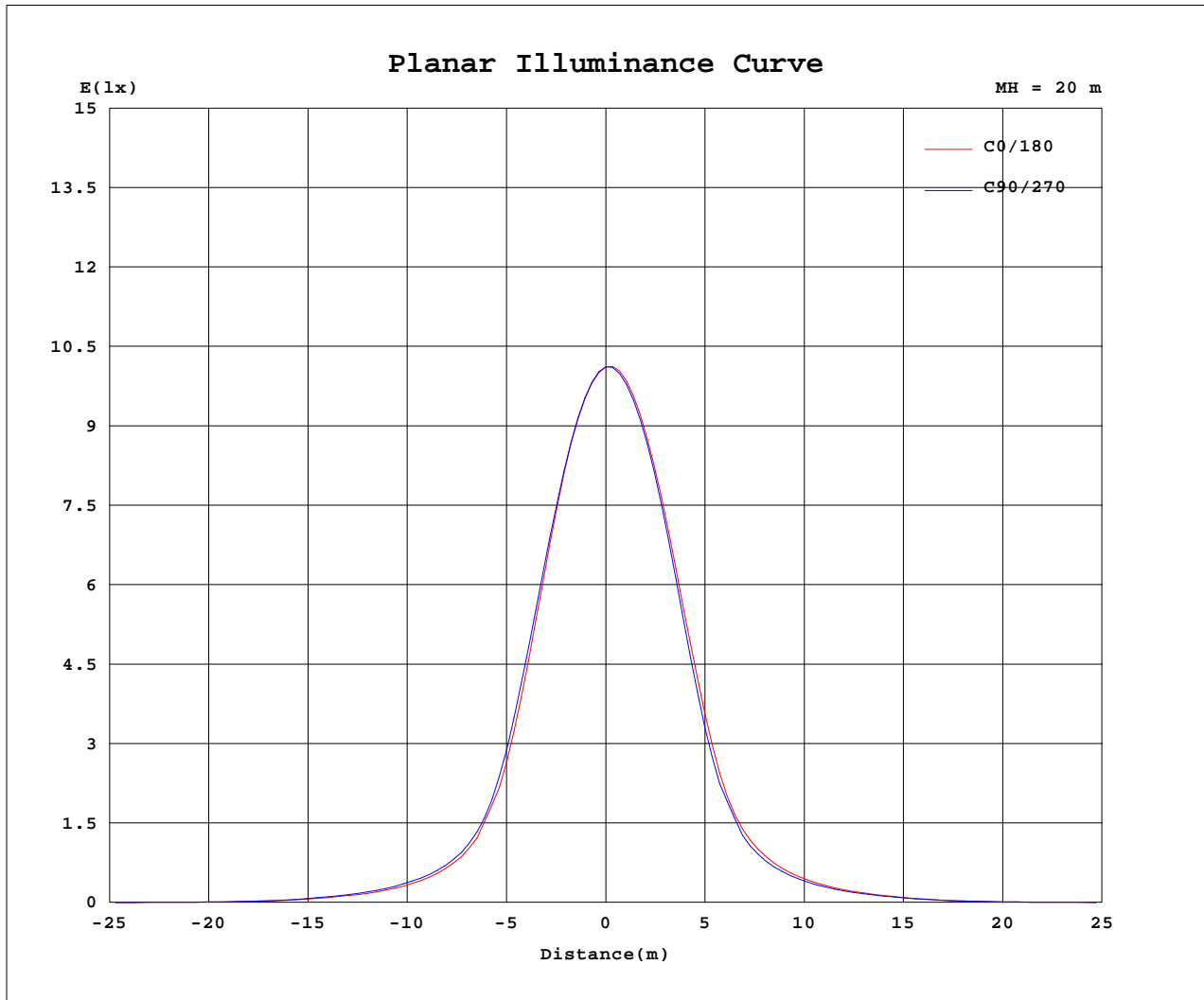
AvgL	cd/m2
L_0~180(65)av	5854
L_0~180(75)av	4414
L_0~180(85)av	3230
L_90~270(65)av	5883
L_90~270(75)av	4445
L_90~270(85)av	3228
L_45(65)av	5868
L_45(75)av	4145
L_45(85)av	3104

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-26

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: 2025-8-26

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:120.09V I:0.1255A P:14.973W PF:0.9925 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.125-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508260583
MFR.: RISE	SUR.: 0.00119025m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	4047	4047	4047	4047	4047	4047	4047	4047	4047	4047	4047	4047						
5	3510	3520	3501	3517	3532	3595	3724	3716	3717	3687	3667	3618						
10	2225	2251	2239	2305	2367	2459	2646	2615	2606	2564	2529	2421						
15	964	984	983	1056	1106	1192	1324	1276	1285	1220	1193	1099						
20	419	420	422	457	479	525	568	547	554	517	501	467						
25	224	227	227	248	264	285	301	289	289	272	265	247						
30	126	127	128	142	153	163	172	164	163	156	153	140						
35	70.4	70.4	71.8	80.2	86.8	93.1	99.7	95.2	94.7	91.0	87.7	79.9						
40	32.0	31.9	31.5	34.4	36.5	40.2	44.9	43.4	44.4	42.9	41.6	37.3						
45	14.1	13.9	13.5	13.8	14.0	15.0	17.7	16.6	18.0	17.0	17.6	15.9						
50	8.55	8.51	8.45	8.53	8.56	8.65	9.03	9.15	9.17	9.30	9.21	9.15						
55	6.08	6.00	5.91	5.92	5.92	5.98	6.39	6.38	6.48	6.54	6.71	6.49						
60	4.22	4.19	4.08	4.00	3.90	3.87	4.04	4.05	4.23	4.35	4.46	4.40						
65	3.03	3.00	2.92	2.86	2.79	2.77	2.86	2.86	2.97	3.06	3.15	3.16						
70	2.12	2.08	2.02	1.99	1.61	1.94	2.00	2.01	2.09	2.16	2.22	2.21						
75	1.39	1.36	1.32	1.30	0.69	1.27	1.33	1.34	1.39	1.44	1.48	1.47						
80	0.80	0.77	0.70	0.73	0.48	0.73	0.79	0.79	0.83	0.87	0.88	0.86						
85	0.32	0.30	0.29	0.27	0.28	0.23	0.35	0.35	0.37	0.40	0.39	0.37						
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℃  
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Test Date:2025-8-26

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