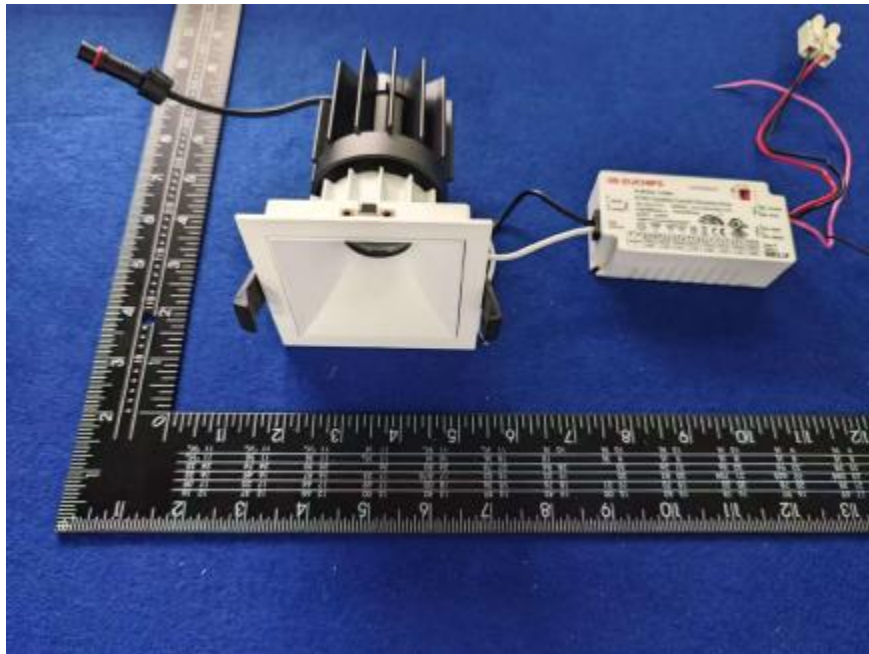


## Luminaire Photograph



Light Output Ratio:	71.0%	
Luminaire Power:	15.01 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER: PUP20A-1WMC 350mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

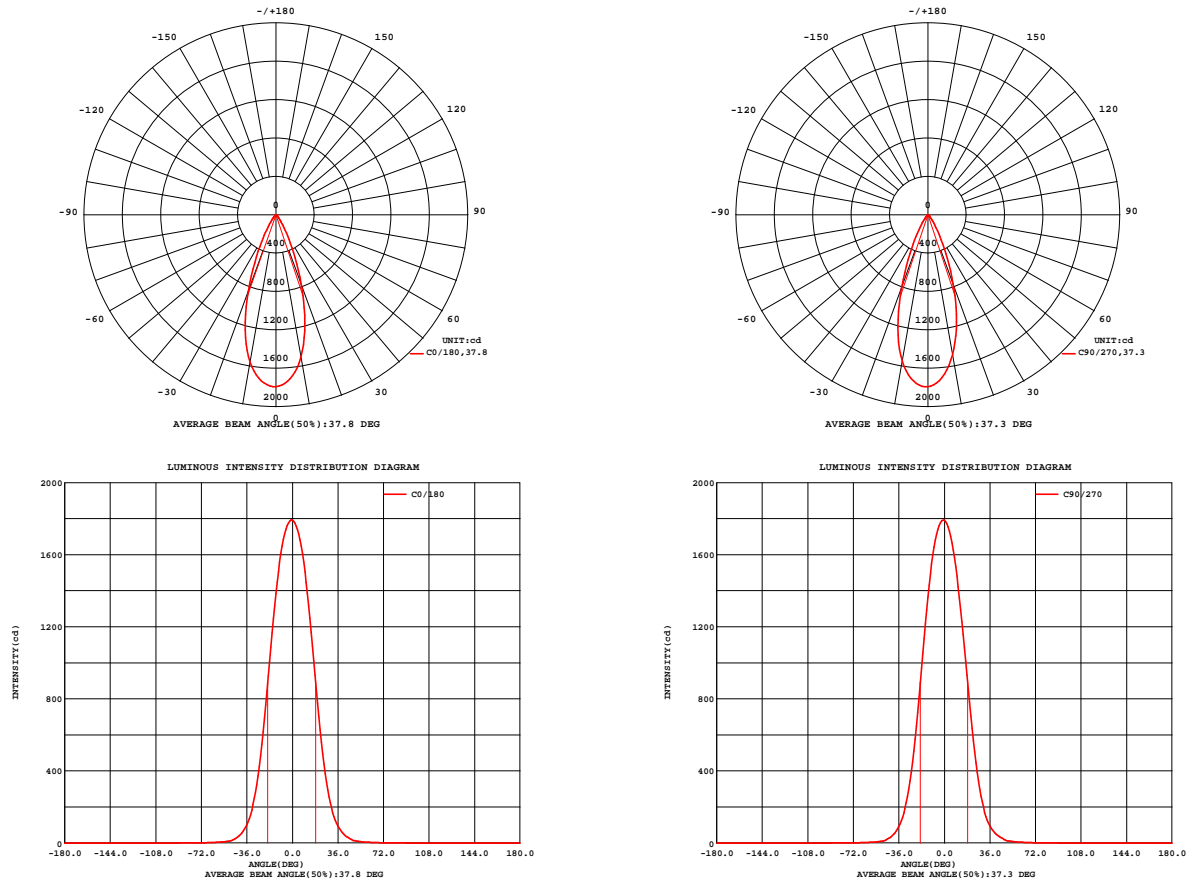


Fig. C0/C180

Fig. C90/C270

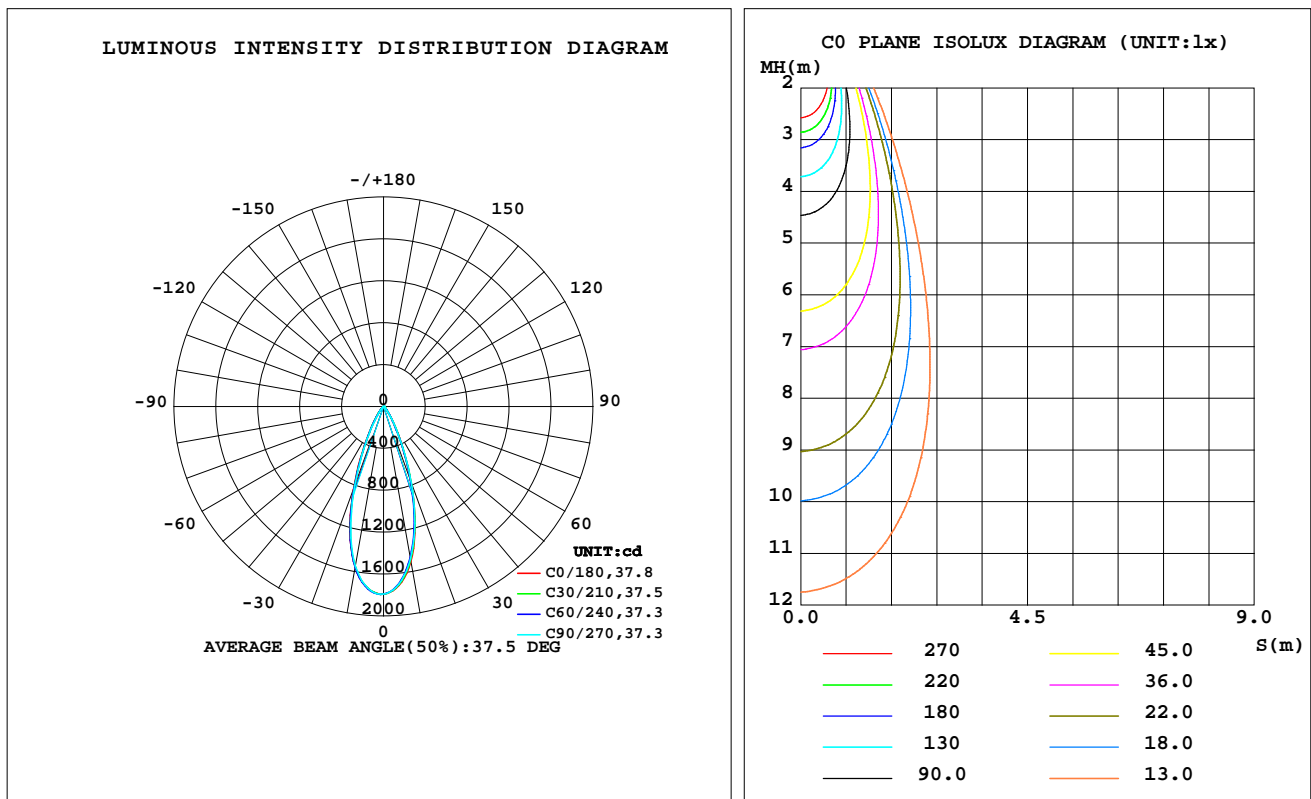
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-8-29

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER: PUP20A-1WMC 350mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 53.89 lm/W
MODEL	Bridgelux	Imax(cd)	1794	S/MH(C0/180)	0.62	
NOMINAL POWER(W)	15	LOR(%)	71.0	S/MH(C90/270)	0.60	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	808.61	UP,DN(C0-180)	0.0,35.2	
NOMINAL FLUX(lm)	1138.85	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,35.8	
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	120	down(%)	71.0	CIBSE SHR MAX	0.60	



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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	1505	1479	1480	1521	1558	1559	1548	1531	0- 10	158.2	158.2	19.6,13.9
20	774.5	764.9	779.6	821.0	844.3	826.7	803.5	789.9	10- 20	324.4	482.6	59.7,42.4
30	222.2	225.8	228.7	240.2	247.9	240.6	224.1	228.9	20- 30	212.4	695.0	85.9,61
40	54.53	65.72	56.50	67.28	54.97	62.66	48.06	62.95	30- 40	77.62	772.6	95.5,67.8
50	11.33	18.23	11.87	17.06	10.24	12.99	9.349	14.00	40- 50	25.07	797.6	98.6,70
60	4.015	5.341	4.447	5.139	3.790	4.263	3.428	4.428	50- 60	7.076	804.7	99.5,70.7
70	1.498	1.857	1.592	1.802	1.425	1.491	1.280	1.554	60- 70	2.824	807.5	99.9,70.9
80	0.3615	0.4161	0.3916	0.4046	0.3440	0.3192	0.2984	0.3263	70- 80	0.9263	808.5	100,71
90	0	0	0	0	0	0	0	0	80- 90	0.1426	808.6	100,71
100	0	0	0	0	0	0	0	0	90-100	0	808.6	100,71
110	0	0	0	0	0	0	0	0	100-110	0	808.6	100,71
120	0	0	0	0	0	0	0	0	110-120	0	808.6	100,71
130	0	0	0	0	0	0	0	0	120-130	0	808.6	100,71
140	0	0	0	0	0	0	0	0	130-140	0	808.6	100,71
150	0	0	0	0	0	0	0	0	140-150	0	808.6	100,71
160	0	0	0	0	0	0	0	0	150-160	0	808.6	100,71
170	0	0	0	0	0	0	0	0	160-170	0	808.6	100,71
180	0	0	0	0	0	0	0	0	170-180	0	808.6	100,71
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

Range: 0 - 180DEG  
 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-1101B 36R  
 DRIVER:PUP20A-1WMC 350mA  
 30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz  
Lamp Flux:1138.85x1 lm

NAME: 2118.128-LEA-14-DW

TYPE:

WEIGHT:

SPEC.: 3000K

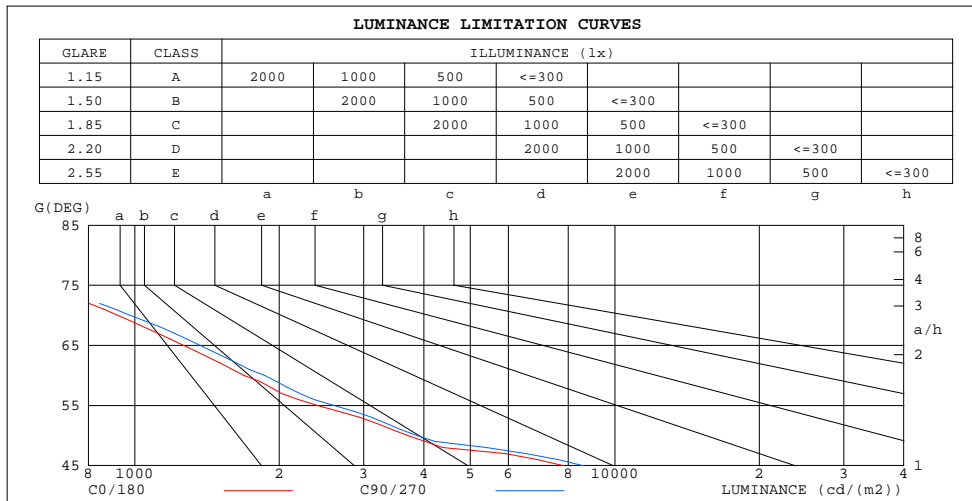
DIM.:

SERIAL No.: 2508290594

MFR.: RISE

SUR.: 0.004761m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	251	327
80	438	473
75	648	680
70	921	977
65	1264	1367
60	1689	1867
55	2402	2605
50	3707	3877
45	7824	8597

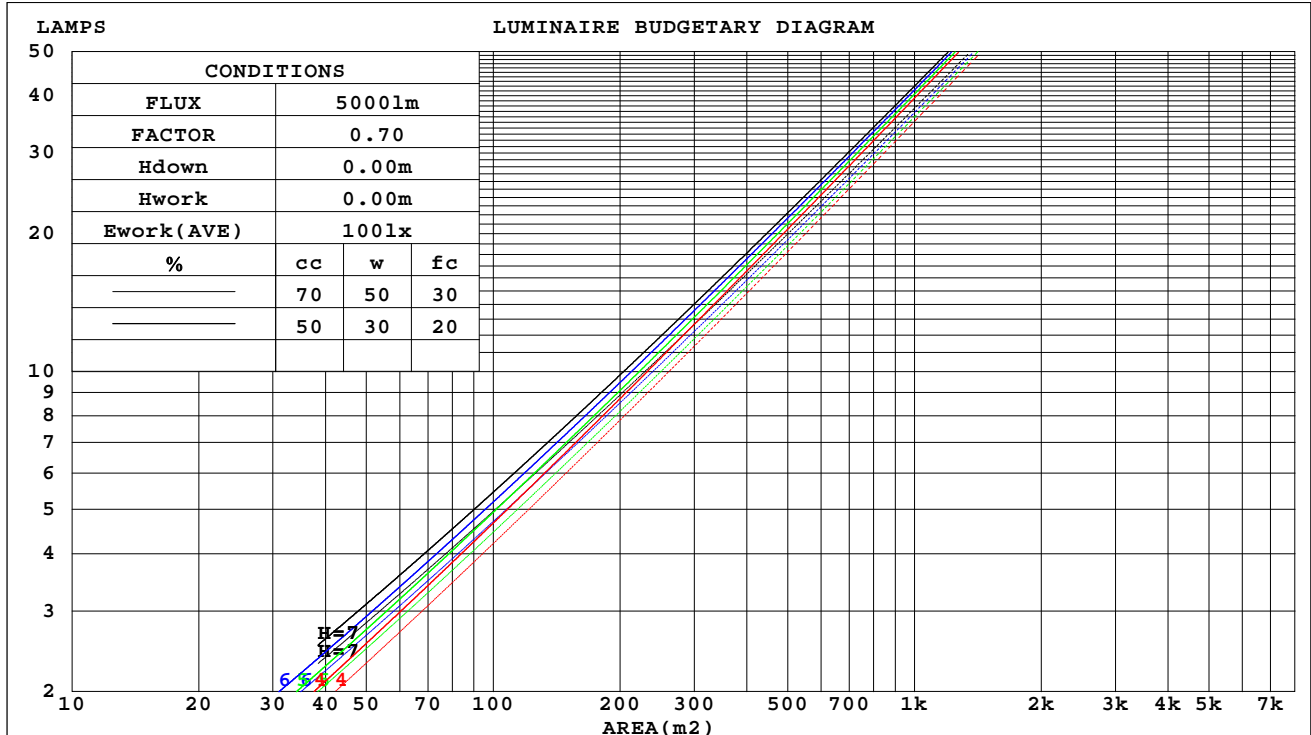
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	.85	.85	.85	.83	.83	.83	.79	.79	.79	.76	.76	.76	.72	.72	.72	.71
1.0	.79	.78	.76	.78	.76	.75	.75	.74	.73	.72	.72	.71	.70	.69	.69	.67
2.0	.75	.72	.70	.74	.71	.69	.71	.69	.68	.69	.68	.66	.67	.66	.65	.64
3.0	.71	.68	.65	.70	.67	.65	.68	.66	.64	.66	.64	.63	.65	.63	.62	.61
4.0	.67	.64	.61	.66	.63	.61	.65	.62	.60	.63	.61	.59	.62	.60	.59	.58
5.0	.64	.60	.57	.63	.60	.57	.62	.59	.57	.61	.58	.56	.60	.57	.56	.55
6.0	.61	.57	.54	.60	.57	.54	.59	.56	.54	.58	.55	.53	.57	.55	.53	.52
7.0	.58	.54	.52	.57	.54	.51	.57	.53	.51	.56	.53	.51	.55	.53	.51	.50
8.0	.55	.52	.49	.55	.51	.49	.54	.51	.49	.54	.51	.49	.53	.50	.49	.48
9.0	.53	.49	.47	.53	.49	.47	.52	.49	.47	.51	.49	.47	.51	.48	.46	.46
10.0	.51	.47	.45	.51	.47	.45	.50	.47	.45	.49	.47	.45	.49	.46	.45	.44



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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.112	.064	.020	.108	.061	.020	.099	.057	.018	.091	.052	.017	.083	.048	.016	
2.0	.106	.058	.018	.102	.056	.017	.095	.053	.016	.088	.049	.015	.082	.046	.015	
3.0	.100	.053	.016	.097	.052	.016	.091	.049	.015	.085	.047	.014	.080	.044	.014	
4.0	.095	.049	.015	.092	.048	.014	.087	.046	.014	.082	.044	.013	.077	.042	.013	
5.0	.090	.046	.013	.088	.045	.013	.083	.043	.013	.079	.042	.012	.075	.040	.012	
6.0	.086	.043	.012	.084	.042	.012	.080	.041	.012	.076	.039	.012	.072	.038	.011	
7.0	.082	.040	.011	.080	.040	.011	.076	.039	.011	.073	.038	.011	.070	.036	.011	
8.0	.078	.038	.011	.077	.038	.011	.074	.037	.010	.071	.036	.010	.068	.035	.010	
9.0	.075	.036	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	.066	.033	.010	
10.0	.072	.035	.010	.071	.034	.010	.068	.033	.009	.066	.033	.009	.064	.032	.009	

cc	80%			70%			50%			30%			10%			0	
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.135	.135	.135	.116	.116	.116	.079	.079	.079	.045	.045	.045	.014	.014	.014		
1.0	.121	.112	.104	.103	.096	.089	.071	.066	.062	.041	.038	.036	.013	.012	.012		
2.0	.109	.094	.082	.093	.081	.071	.064	.056	.049	.037	.033	.029	.012	.011	.009		
3.0	.099	.081	.066	.085	.069	.057	.058	.048	.040	.034	.028	.024	.011	.009	.008		
4.0	.091	.070	.054	.078	.060	.047	.054	.042	.033	.031	.025	.019	.010	.008	.006		
5.0	.084	.061	.044	.072	.053	.039	.050	.037	.027	.029	.022	.016	.009	.007	.005		
6.0	.079	.055	.037	.068	.047	.032	.047	.033	.023	.027	.019	.014	.009	.006	.005		
7.0	.074	.049	.032	.063	.042	.028	.044	.030	.020	.025	.018	.012	.008	.006	.004		
8.0	.069	.044	.027	.060	.039	.024	.041	.027	.017	.024	.016	.010	.008	.005	.003		
9.0	.066	.041	.024	.057	.035	.021	.039	.025	.015	.023	.015	.009	.007	.005	.003		
10.0	.062	.037	.021	.054	.032	.018	.037	.023	.013	.022	.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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm										
NAME: 2118.128-LEA-14-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2508290594		
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	13.0	13.8	13.2	14.0	14.1	12.9	13.7	13.1	13.9	14.0
3H	12.9	13.6	13.1	13.8	14.0	12.8	13.5	13.0	13.7	13.9
4H	12.8	13.5	13.1	13.7	14.0	12.7	13.4	13.0	13.7	13.9
6H	12.7	13.4	13.0	13.6	13.9	12.7	13.3	12.9	13.6	13.8
8H	12.7	13.3	13.0	13.6	13.8	12.6	13.3	12.9	13.5	13.8
12H	12.7	13.3	13.0	13.5	13.8	12.6	13.2	12.9	13.4	13.7
4H 2H	12.8	13.5	13.1	13.7	14.0	12.7	13.4	13.0	13.6	13.9
3H	12.7	13.3	13.0	13.6	13.9	12.6	13.3	13.0	13.5	13.8
4H	12.7	13.2	13.0	13.5	13.8	12.6	13.1	12.9	13.4	13.7
6H	12.6	13.1	12.9	13.4	13.7	12.5	13.0	12.9	13.3	13.7
8H	12.5	13.0	12.9	13.3	13.7	12.4	12.9	12.8	13.2	13.6
12H	12.5	12.9	12.9	13.3	13.7	12.4	12.8	12.8	13.2	13.6
8H 4H	12.5	13.0	12.9	13.3	13.7	12.4	12.9	12.8	13.2	13.6
6H	12.4	12.8	12.9	13.2	13.6	12.4	12.7	12.8	13.1	13.5
8H	12.4	12.7	12.8	13.1	13.6	12.3	12.6	12.8	13.1	13.5
12H	12.3	12.6	12.8	13.1	13.5	12.3	12.5	12.7	13.0	13.4
12H 4H	12.5	12.9	12.9	13.3	13.7	12.4	12.8	12.8	13.2	13.6
6H	12.4	12.7	12.8	13.1	13.6	12.3	12.6	12.7	13.0	13.5
8H	12.3	12.6	12.8	13.1	13.5	12.2	12.5	12.7	13.0	13.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 6.9					+ 2.4 / - 6.6				
1.5H	+ 4.0 / - 5.4					+ 4.0 / - 5.2				
2.0H	+ 4.6 / - 4.4					+ 4.7 / - 4.0				

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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

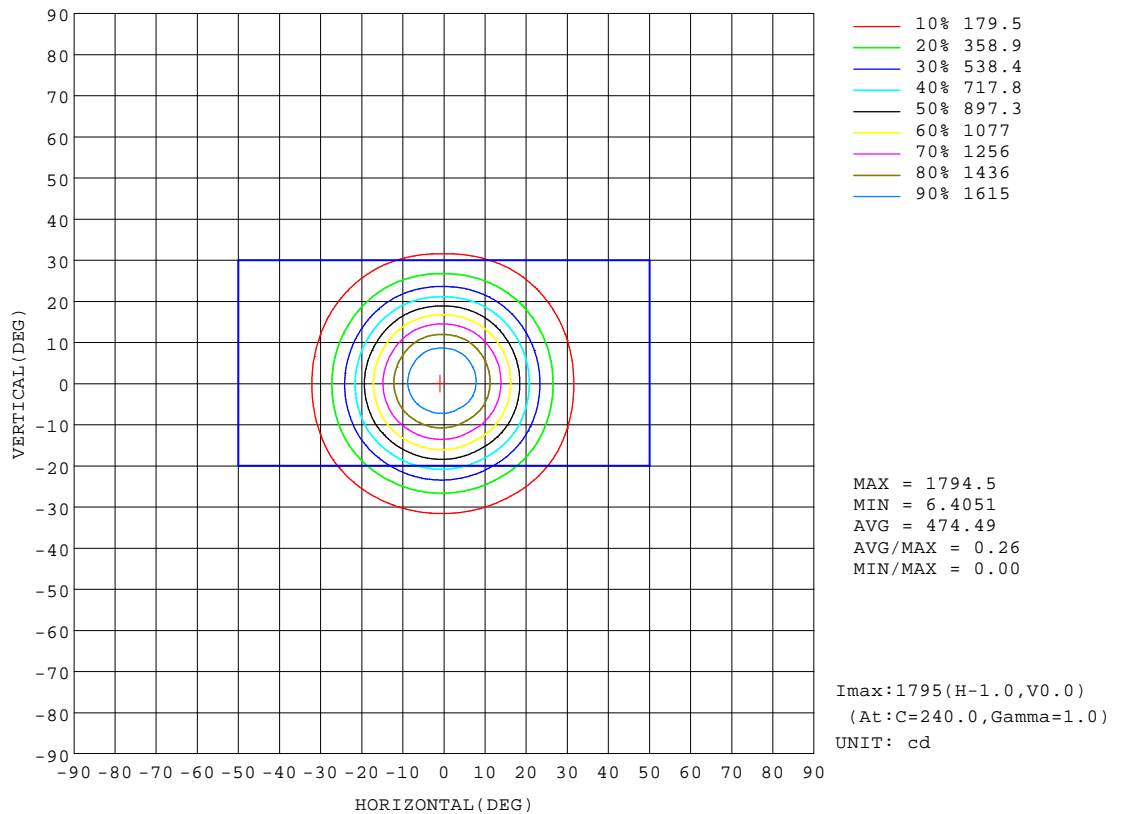
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	59	56	63	59	56	62	58	56	54
0.80	68	64	62	68	64	62	67	64	61	59
1.00	71	67	65	71	67	65	69	67	64	62
1.25	74	70	68	73	70	68	72	69	67	64
1.50	76	73	70	75	72	70	73	71	69	66
2.00	77	75	72	76	74	72	75	73	71	67
2.50	79	76	74	77	75	73	75	73	72	68
3.00	80	77	75	78	76	75	76	74	73	69
4.00	81	79	78	80	78	77	77	76	75	70
5.00	82	80	79	80	79	78	78	77	76	70
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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

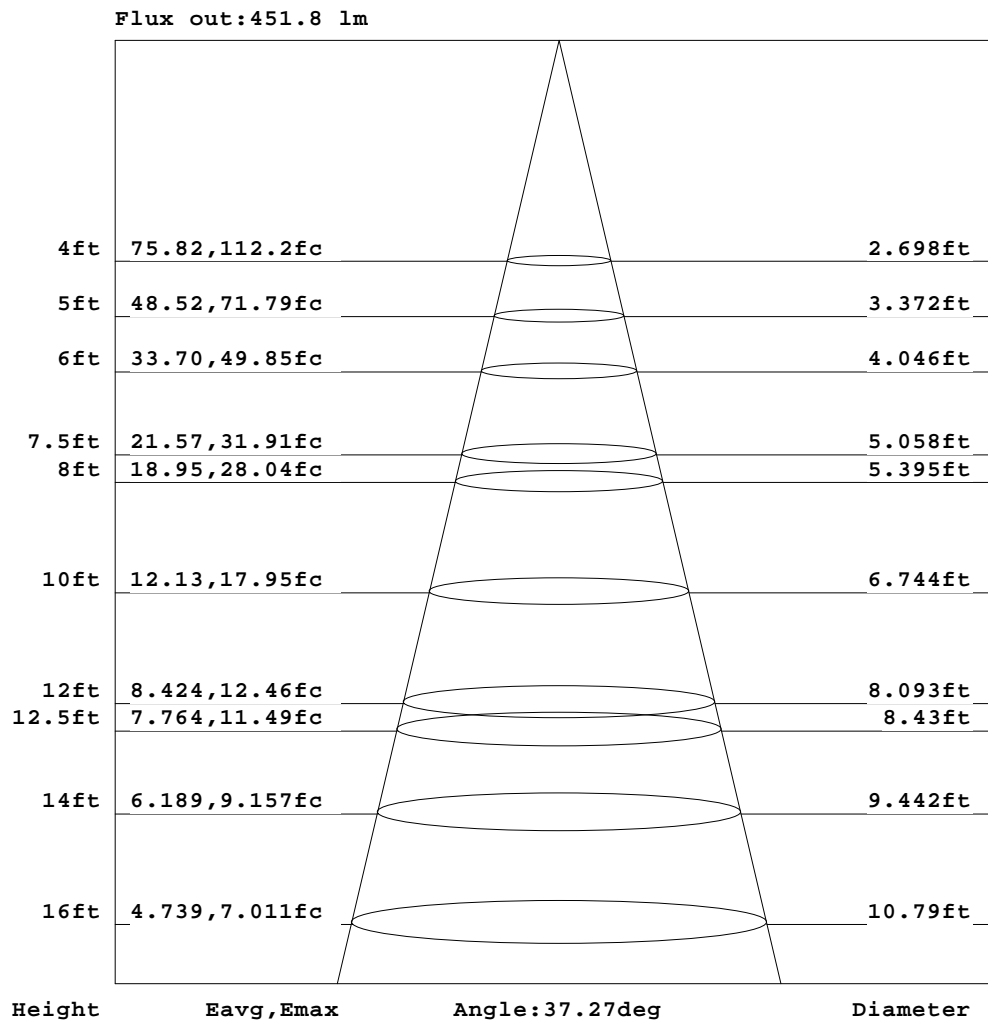


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-8-29

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

## AAI Figure

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:



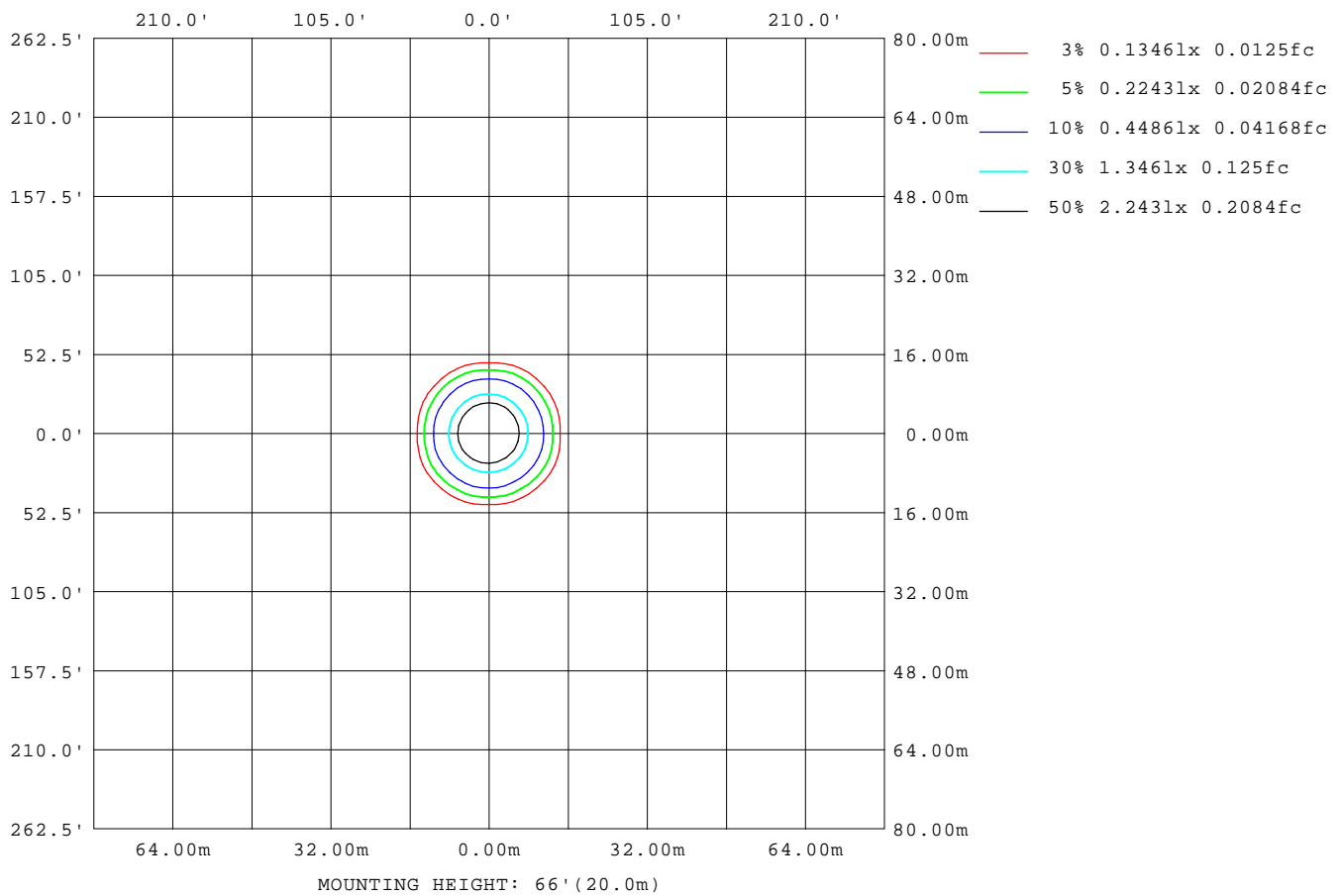
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER: PUP20A-1WMC 350mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
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

Range: 0 - 180DEG  
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-1101B 36R  
DRIVER:PUP20A-1WMC 350mA  
30minutes warm-up

### LED Avg.L Report

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

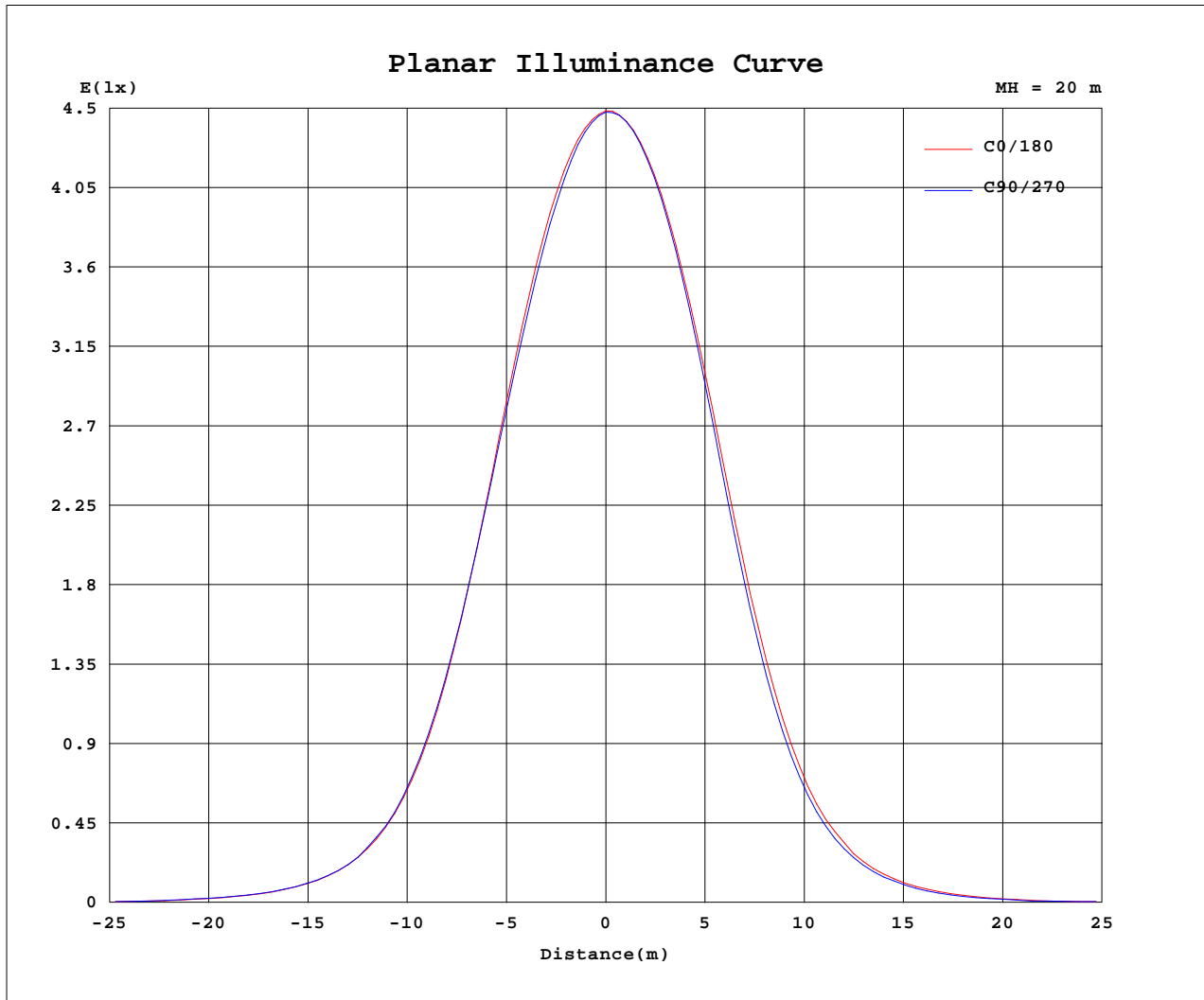
AvgL	cd/m2
L_0~180(65)av	1229
L_0~180(75)av	634
L_0~180(85)av	248
L_90~270(65)av	1223
L_90~270(75)av	615
L_90~270(85)av	263
L_45(65)av	1477
L_45(75)av	707
L_45(85)av	247

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

Range: 0 - 180DEG  
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-1101B 36R  
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

Range: 0 - 180DEG  
 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-1101B 36R  
 DRIVER: PUP20A-1WMC 350mA  
 30minutes warm-up



## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.1256A P:15.006W PF:0.9929 Freq:59.98Hz Lamp Flux:1138.85x1 lm		
NAME: 2118.128-LEA-14-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2508290594
MFR.: RISE	SUR.: 0.004761m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1792	1792	1792	1792	1792	1792	1792	1792	1792	1792	1792	1792						
5	1714	1707	1695	1701	1710	1731	1740	1741	1747	1740	1735	1723						
10	1505	1491	1467	1480	1502	1540	1558	1555	1564	1548	1542	1520						
15	1170	1159	1134	1157	1184	1229	1244	1232	1238	1215	1209	1184						
20	774	774	756	780	801	841	844	825	828	803	800	780						
25	437	442	430	446	460	485	484	470	469	449	450	440						
30	222	233	219	229	232	248	248	239	242	224	234	224						
35	110	120	114	112	119	127	117	122	119	106	119	117						
40	54.5	66.6	64.8	56.5	67.2	67.4	55.0	65.1	60.2	48.1	63.5	62.4						
45	26.3	36.8	35.6	29.0	37.2	34.3	24.8	33.0	29.0	21.5	32.2	31.9						
50	11.3	18.9	17.6	11.9	19.0	15.1	10.2	14.8	11.2	9.35	13.8	14.2						
55	6.55	9.18	8.85	7.12	9.05	8.12	6.13	7.42	6.88	5.30	7.40	8.00						
60	4.01	5.44	5.24	4.45	5.40	4.88	3.79	4.48	4.04	3.43	4.36	4.49						
65	2.54	3.22	3.22	2.75	3.27	2.99	2.40	2.69	2.51	2.17	2.65	2.78						
70	1.50	1.86	1.86	1.59	1.86	1.74	1.42	1.52	1.46	1.28	1.51	1.60						
75	0.80	0.95	0.96	0.84	0.95	0.91	0.77	0.77	0.75	0.68	0.76	0.81						
80	0.36	0.41	0.42	0.39	0.41	0.40	0.34	0.32	0.32	0.30	0.32	0.34						
85	0.10	0.12	0.13	0.14	0.12	0.11	0.10	0.08	0.08	0.08	0.08	0.08						
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:2025-8-29

Range: 0 - 180DEG  
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