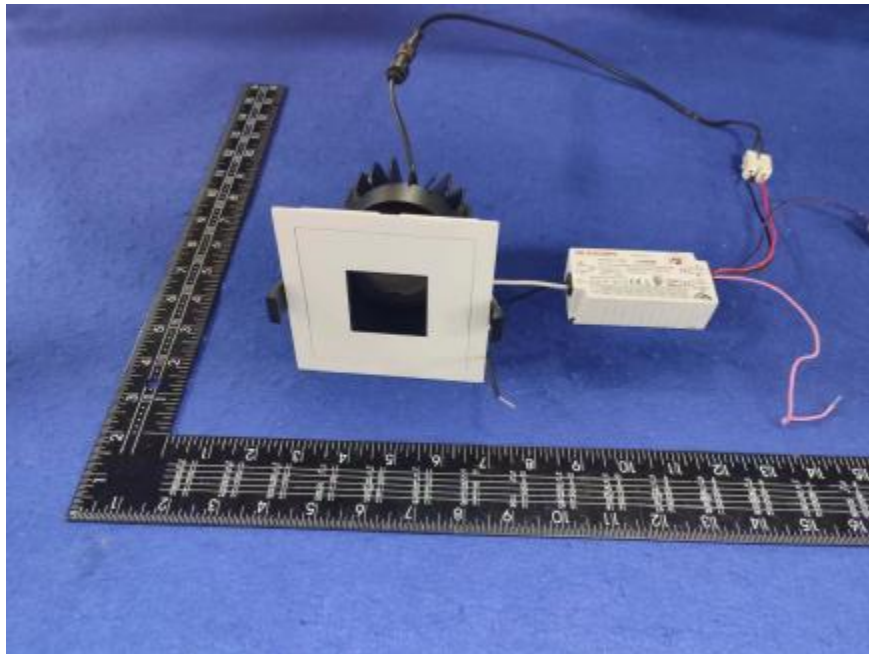


### Luminaire Photograph



Light Output Ratio:	61.4%	
Luminaire Power:	17.71 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: 2023-10-27

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-1000-K-23 Ra: 90  
LENS: PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

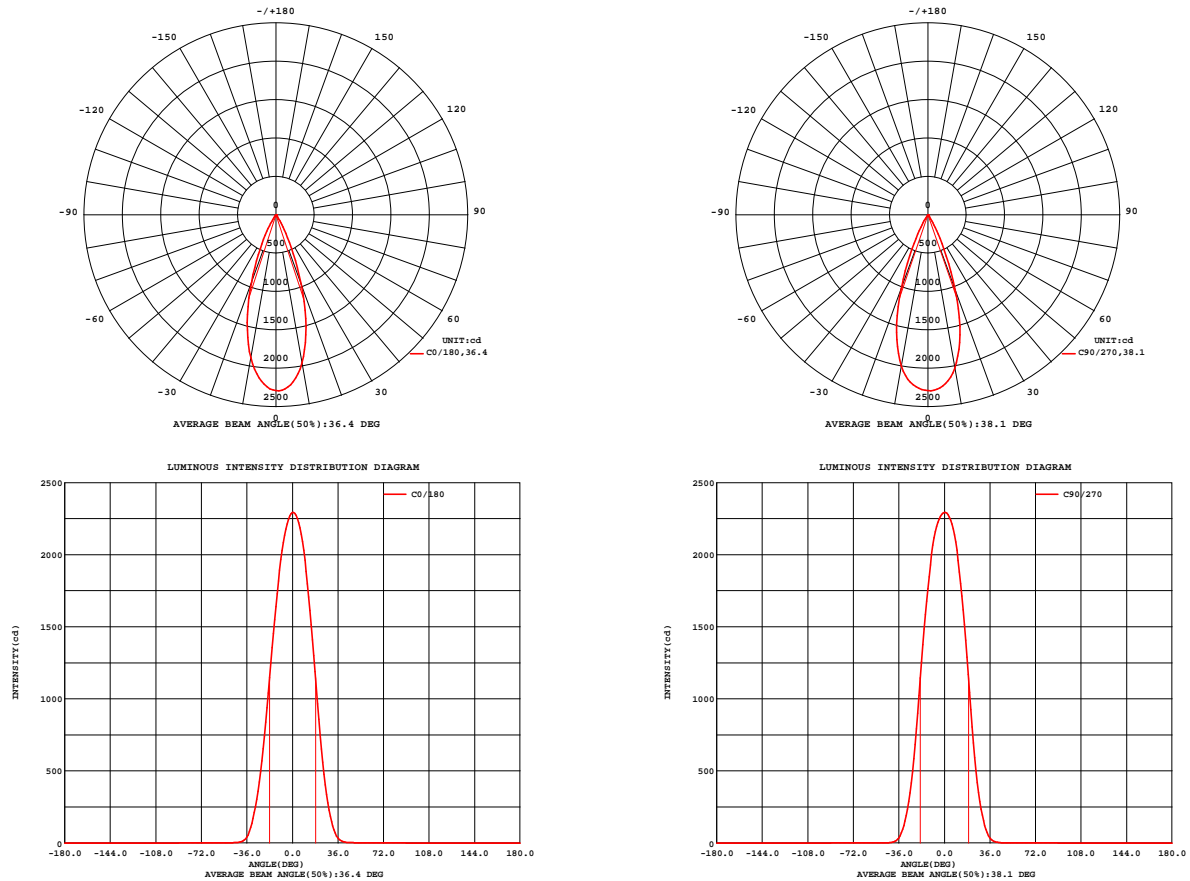


Fig. C0/C180

Fig. C90/C270

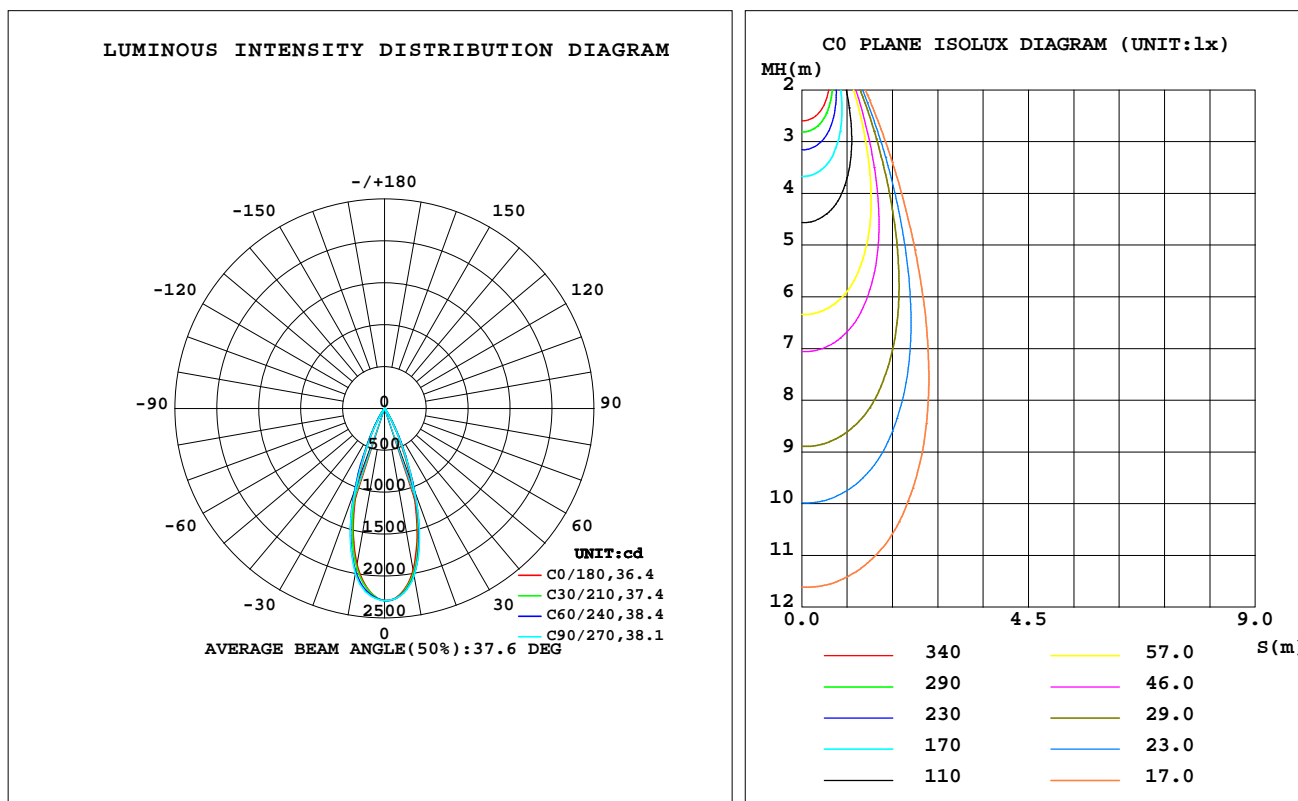
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-10-27

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-1000-K-23 Ra: 90  
LENS: PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.75 lm/W			
MODEL	Bridgelux	I <sub>max</sub> (cd)	2293	S/MH(C0/180)	0.58
NOMINAL POWER(W)	17	LOR(%)	61.4	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	916.64	UP,DN(C0-180)	0.0,30.9
NOMINAL FLUX(lm)	1493.6	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,30.5
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	down(%)	61.4	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	1963	2008	2030	1975	1892	1955	2002	1989	0- 10	204.0	204.0	22.3,13.7
20	964.2	1043	1045	1038	937.7	1025	1022	1028	10- 20	420.1	624.1	68.1,41.8
30	184.4	205.9	194.2	215.5	211.0	218.2	189.5	195.6	20- 30	242.9	867.1	94.6,58.1
40	9.890	12.97	9.257	12.87	9.628	12.10	8.361	10.91	30- 40	44.81	911.9	99.5,61.1
50	1.980	1.632	1.380	1.529	1.788	1.083	0.8236	1.107	40- 50	2.971	914.9	99.8,61.3
60	1.132	0.8631	0.9014	0.8320	1.098	0.5657	0.5595	0.5712	50- 60	0.9252	915.8	99.9,61.3
70	0.4419	0.3877	0.4392	0.3876	0.4555	0.2190	0.2175	0.2174	60- 70	0.5321	916.3	100,61.4
80	0.1683	0.1399	0.1839	0.1373	0.1701	0.0918	0.1328	0.0928	70- 80	0.2292	916.6	100,61.4
90	0	0	0	0	0	0	0	0	80- 90	0.0770	916.6	100,61.4
100	0	0	0	0	0	0	0	0	90-100	0	916.6	100,61.4
110	0	0	0	0	0	0	0	0	100-110	0	916.6	100,61.4
120	0	0	0	0	0	0	0	0	110-120	0	916.6	100,61.4
130	0	0	0	0	0	0	0	0	120-130	0	916.6	100,61.4
140	0	0	0	0	0	0	0	0	130-140	0	916.6	100,61.4
150	0	0	0	0	0	0	0	0	140-150	0	916.6	100,61.4
160	0	0	0	0	0	0	0	0	150-160	0	916.6	100,61.4
170	0	0	0	0	0	0	0	0	160-170	0	916.6	100,61.4
180	0	0	0	0	0	0	0	0	170-180	0	916.6	100,61.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz  
Lamp Flux:1493.6x1 lm

NAME: 2318.154-LEA-15-DW

TYPE:

WEIGHT:

SPEC.: 3000K

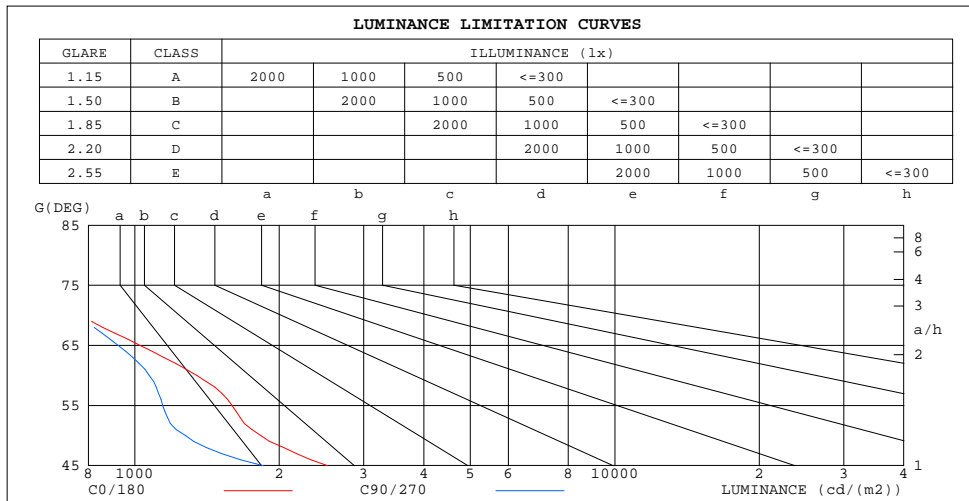
DIM.:

SERIAL No.: 2310271281

MFR.: RISE

SUR.: 0.001681m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	729	761
80	577	630
75	617	664
70	769	764
65	1024	923
60	1347	1073
55	1595	1143
50	1832	1277
45	2523	1855

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz  
Lamp Flux:1493.6x1 lm

NAME: 2318.154-LEA-15-DW

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

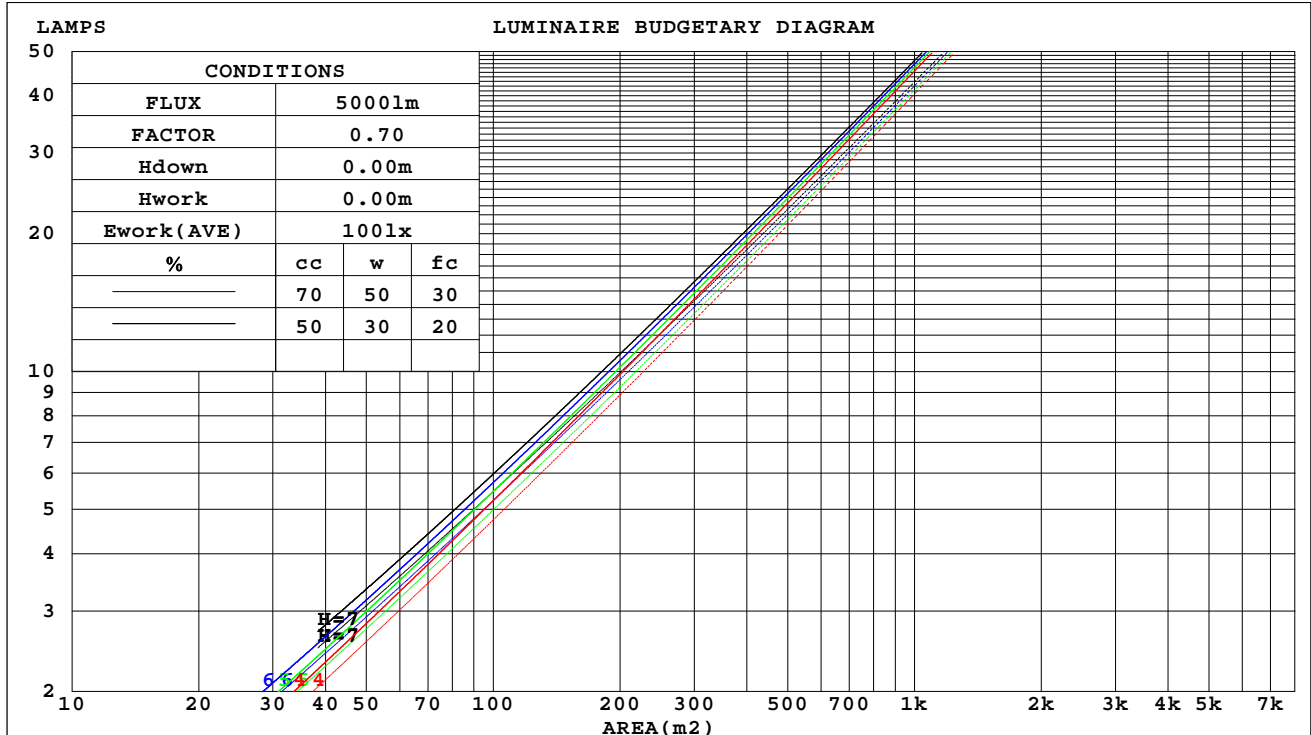
SERIAL No.: 2310271281

MFR.: RISE

SUR.: 0.001681m2

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															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

### WEC AND CCEC

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	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	.091	.051	.016	.086	.049	.016	.079	.045	.014	.072	.041	.013	.065	.038	.012	
2.0	.085	.046	.014	.081	.045	.014	.075	.042	.013	.069	.039	.012	.064	.036	.011	
3.0	.080	.042	.013	.077	.041	.012	.071	.039	.012	.066	.036	.011	.062	.034	.011	
4.0	.075	.039	.011	.073	.038	.011	.068	.036	.011	.064	.034	.010	.060	.033	.010	
5.0	.071	.036	.011	.069	.035	.010	.065	.034	.010	.062	.033	.010	.058	.031	.009	
6.0	.068	.034	.010	.066	.033	.010	.063	.032	.009	.059	.031	.009	.057	.030	.009	
7.0	.065	.032	.009	.063	.031	.009	.060	.030	.009	.057	.029	.009	.055	.029	.008	
8.0	.062	.030	.009	.061	.030	.008	.058	.029	.008	.056	.028	.008	.053	.027	.008	
9.0	.059	.029	.008	.058	.028	.008	.056	.028	.008	.054	.027	.008	.052	.026	.008	
10.0	.057	.027	.008	.056	.027	.008	.054	.026	.007	.052	.026	.007	.050	.025	.007	

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	.117	.117	.117	.100	.100	.100	.068	.068	.068	.039	.039	.039	.013	.013	.013	
1.0	.104	.097	.090	.089	.083	.078	.061	.057	.054	.035	.033	.031	.011	.011	.010	
2.0	.093	.081	.072	.080	.070	.062	.055	.048	.043	.032	.028	.025	.010	.009	.008	
3.0	.084	.070	.058	.072	.060	.050	.050	.042	.035	.029	.024	.021	.009	.008	.007	
4.0	.077	.060	.047	.066	.052	.041	.045	.036	.029	.026	.021	.017	.008	.007	.006	
5.0	.071	.053	.039	.061	.046	.034	.042	.032	.024	.024	.019	.014	.008	.006	.005	
6.0	.066	.047	.033	.057	.041	.029	.039	.028	.020	.023	.017	.012	.007	.005	.004	
7.0	.061	.042	.028	.053	.036	.025	.037	.025	.017	.021	.015	.010	.007	.005	.003	
8.0	.058	.038	.024	.050	.033	.021	.034	.023	.015	.020	.014	.009	.006	.004	.003	
9.0	.054	.035	.021	.047	.030	.018	.032	.021	.013	.019	.012	.008	.006	.004	.003	
10.0	.052	.032	.018	.044	.028	.016	.031	.019	.011	.018	.011	.007	.006	.004	.002	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm										
NAME: 2318.154-LEA-15-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310271281		
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	10.3	11.0	10.5	11.2	11.4	10.1	10.8	10.3	11.0	11.1
3H	10.2	10.9	10.4	11.0	11.2	10.0	10.6	10.2	10.8	11.0
4H	10.1	10.7	10.4	11.0	11.2	9.9	10.5	10.1	10.7	10.9
6H	10.0	10.6	10.3	10.9	11.1	9.8	10.4	10.1	10.6	10.9
8H	10.0	10.6	10.3	10.8	11.1	9.8	10.3	10.1	10.6	10.8
12H	9.9	10.5	10.2	10.8	11.0	9.7	10.3	10.0	10.5	10.8
4H 2H	10.1	10.7	10.3	10.9	11.2	9.9	10.5	10.1	10.7	10.9
3H	9.9	10.5	10.2	10.8	11.0	9.7	10.3	10.0	10.5	10.8
4H	9.8	10.4	10.2	10.6	10.9	9.6	10.1	10.0	10.4	10.7
6H	9.8	10.2	10.1	10.5	10.9	9.5	10.0	9.9	10.3	10.7
8H	9.7	10.1	10.1	10.5	10.8	9.5	9.9	9.9	10.3	10.6
12H	9.7	10.0	10.1	10.4	10.8	9.4	9.8	9.8	10.2	10.6
8H 4H	9.7	10.1	10.1	10.5	10.8	9.5	9.9	9.9	10.2	10.6
6H	9.6	9.9	10.0	10.3	10.7	9.4	9.7	9.8	10.1	10.5
8H	9.5	9.9	10.0	10.3	10.7	9.3	9.6	9.8	10.1	10.5
12H	9.5	9.8	10.0	10.2	10.7	9.3	9.5	9.7	10.0	10.4
12H 4H	9.6	10.0	10.0	10.4	10.8	9.4	9.8	9.8	10.2	10.6
6H	9.5	9.8	10.0	10.3	10.7	9.3	9.6	9.8	10.0	10.5
8H	9.5	9.7	10.0	10.2	10.7	9.3	9.5	9.7	10.0	10.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.5 / - 7.1					+ 4.1 / - 6.9				
1.5H	+ 6.1 / - 6.8					+ 6.8 / - 6.5				
2.0H	+ 2.3 / - 1.5					+ 1.8 / - 0.8				

CIE Pub.117, 1494 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)  
Area: 0.001681 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

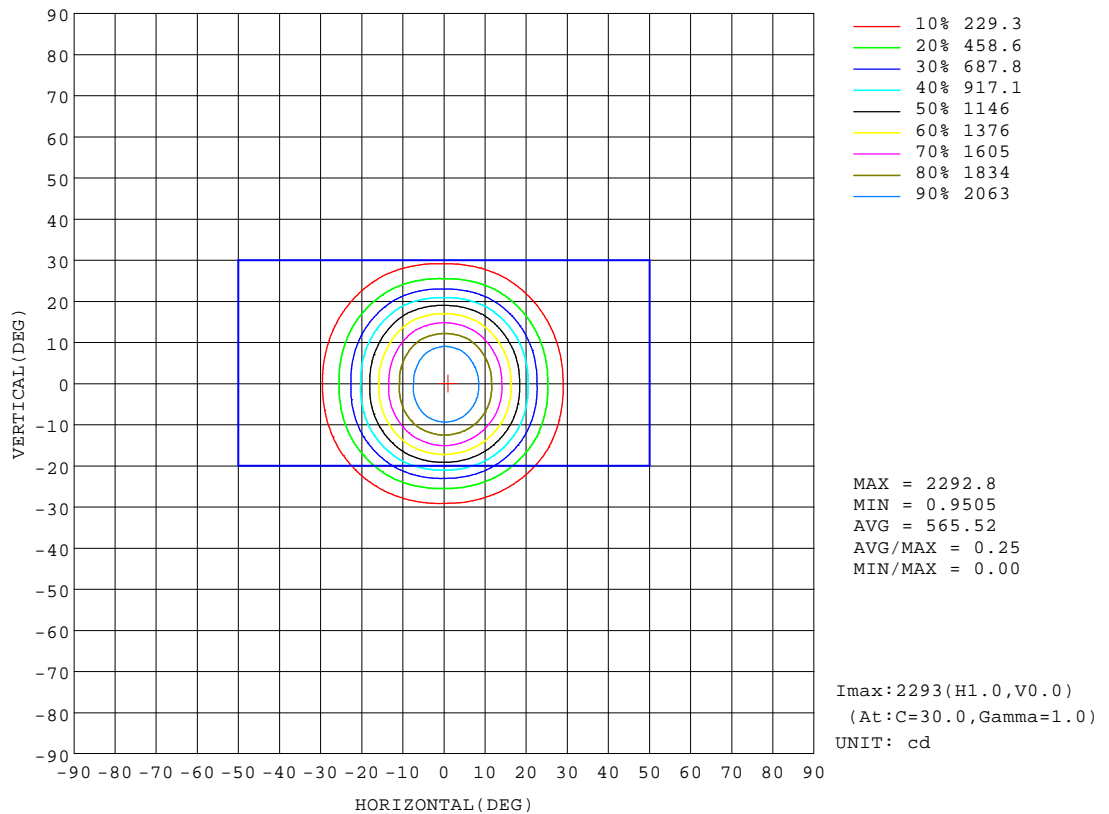
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	53	50	56	52	50	55	52	50	48
0.80	60	57	55	60	57	55	59	57	55	53
1.00	63	59	58	62	59	57	61	59	57	55
1.25	65	62	60	64	62	60	63	61	59	57
1.50	66	64	62	65	63	61	64	62	61	58
2.00	67	65	63	67	65	63	65	63	62	59
2.50	68	66	65	67	66	64	66	64	63	59
3.00	69	67	66	68	66	65	66	65	64	60
4.00	70	69	68	69	68	67	67	66	65	61
5.00	71	70	69	70	69	68	67	67	66	61
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:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

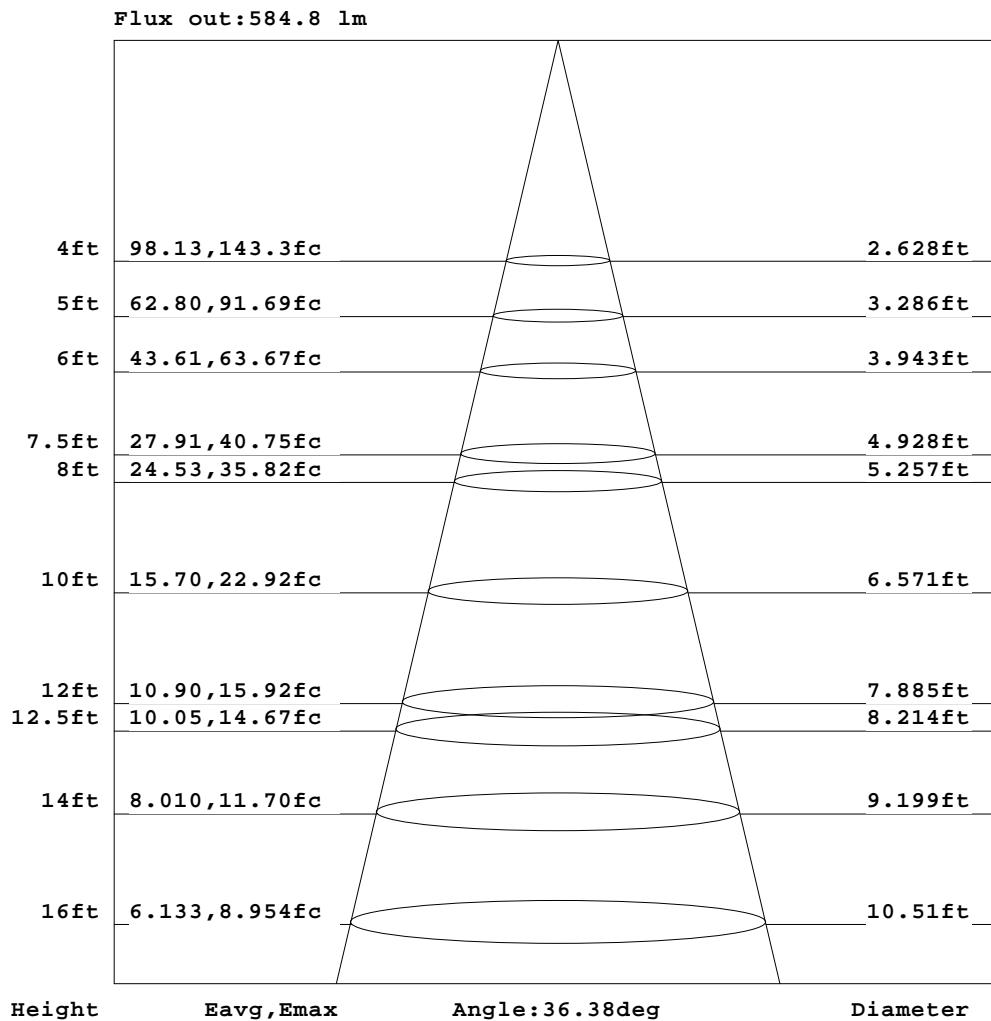


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## AAI Figure

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



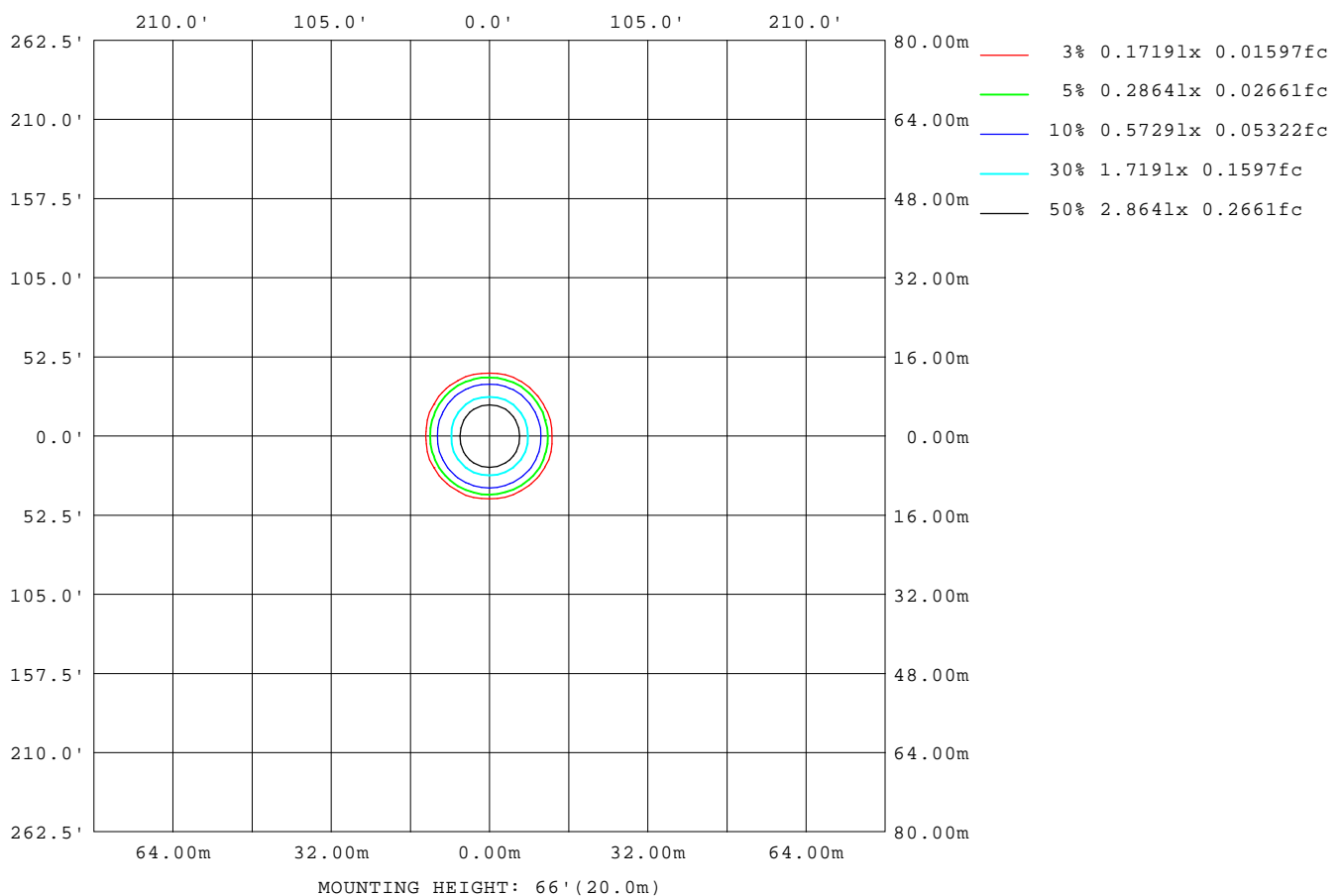
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2023-10-27

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-1000-K-23 Ra: 90  
LENS: PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
30minutes warm-up

## LED Avg.L Report

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

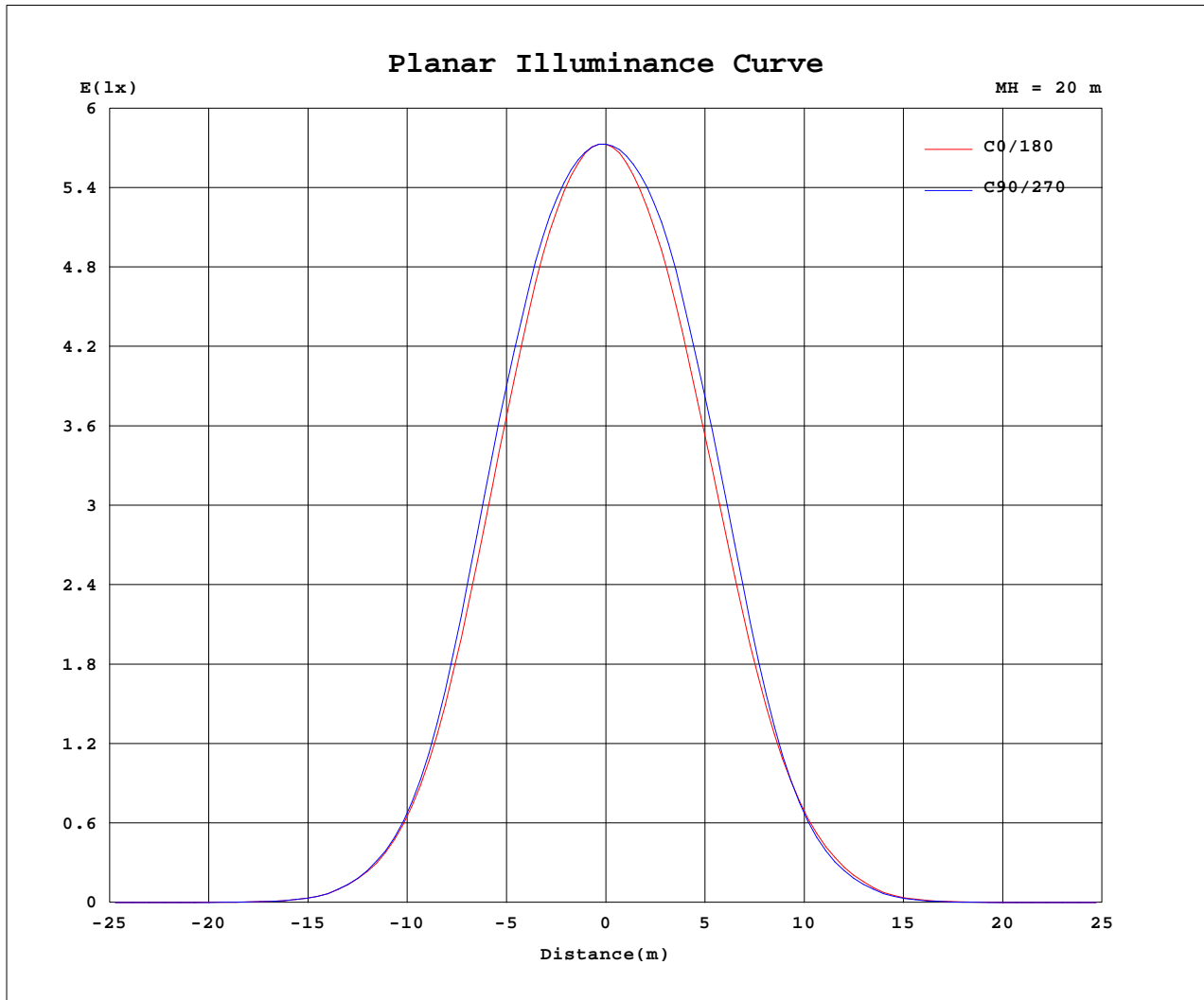
AvgL	cd/m2
L_0~180(65)av	1028
L_0~180(75)av	625
L_0~180(85)av	718
L_90~270(65)av	715
L_90~270(75)av	540
L_90~270(85)av	698
L_45(65)av	660
L_45(75)av	415
L_45(85)av	369

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-27

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-1000-K-23 Ra:90  
LENS:PM-1096B 36R  
DRIVER: PUP20A-1WMC 450mA  
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: 2023-10-27

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-1000-K-23 Ra: 90  
 LENS: PM-1096B 36R  
 DRIVER: PUP20A-1WMC 450mA  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.154-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310271281
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2291	2291	2291	2291	2291	2291	2291	2291	2291	2291	2291	2291						
5	2221	2229	2237	2239	2223	2198	2177	2185	2210	2224	2223	2216						
10	1963	1994	2023	2030	2005	1945	1892	1927	1984	2002	2006	1972						
15	1514	1564	1597	1618	1589	1515	1454	1488	1571	1585	1580	1536						
20	964	1030	1056	1045	1065	1012	938	991	1058	1022	1052	1004						
25	477	527	528	500	543	535	493	529	542	495	528	504						
30	184	211	200	194	210	221	211	217	220	190	203	188						
35	48.6	64.7	59.1	49.4	62.3	66.5	55.4	67.9	64.7	49.2	57.2	54.1						
40	9.89	13.7	12.2	9.26	12.6	13.1	9.63	12.2	12.0	8.36	10.7	11.2						
45	3.00	3.88	3.26	2.21	3.41	3.55	2.56	3.08	2.49	1.46	2.48	3.03						
50	1.98	1.80	1.47	1.38	1.42	1.64	1.79	1.27	0.89	0.82	0.91	1.31						
55	1.54	1.21	1.03	1.10	0.99	1.15	1.45	0.87	0.61	0.69	0.61	0.89						
60	1.13	0.91	0.81	0.90	0.78	0.88	1.10	0.64	0.49	0.56	0.49	0.66						
65	0.73	0.62	0.59	0.66	0.57	0.61	0.73	0.42	0.33	0.36	0.33	0.42						
70	0.44	0.39	0.39	0.44	0.38	0.40	0.46	0.25	0.19	0.22	0.19	0.25						
75	0.27	0.24	0.24	0.29	0.24	0.24	0.28	0.15	0.13	0.18	0.13	0.15						
80	0.17	0.14	0.14	0.18	0.14	0.14	0.17	0.09	0.09	0.13	0.09	0.10						
85	0.11	0.07	0.06	0.11	0.06	0.06	0.10	0.05	0.06	0.09	0.05	0.06						
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:2023-10-27

Range: 0 - 180DEG  
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