

## Luminaire Photograph



Light Output Ratio:	64.2%	
Luminaire Power:	17.54 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.65	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-10-12

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

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

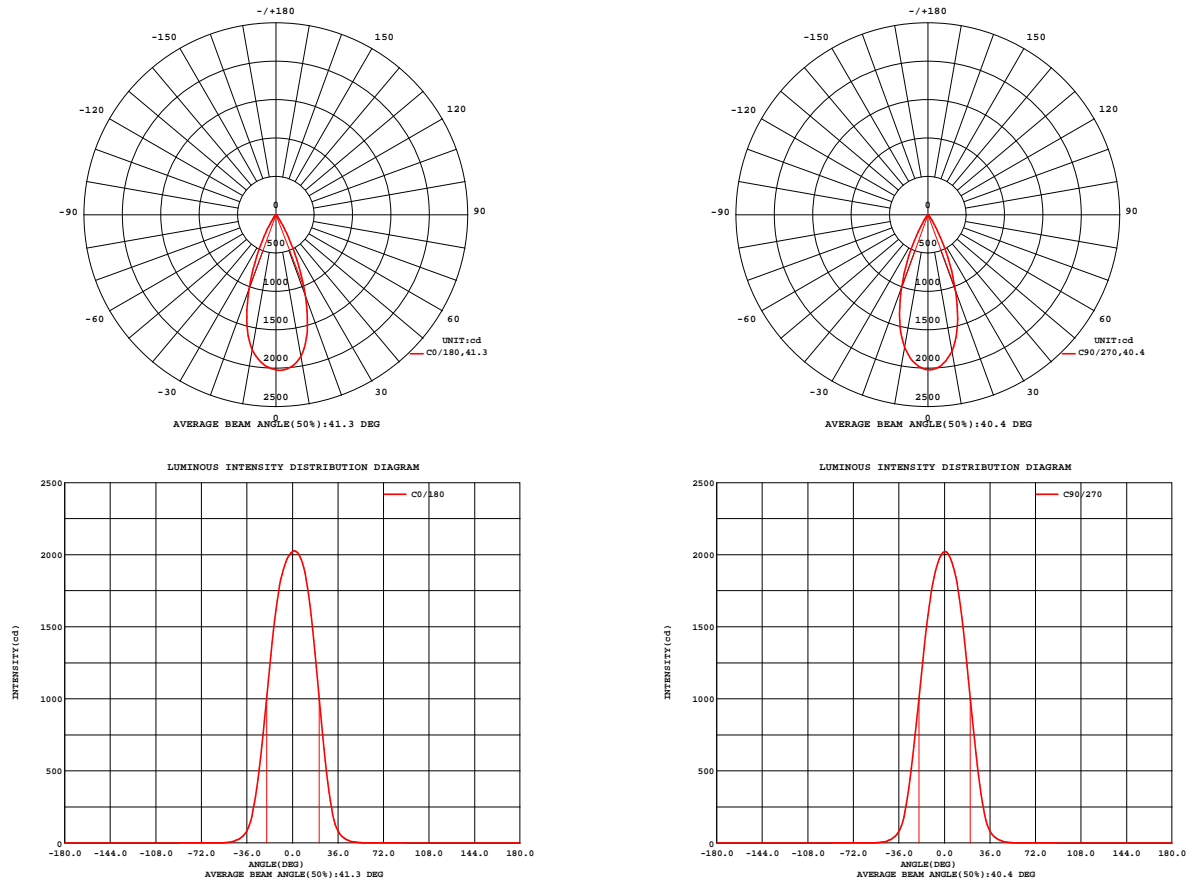


Fig. C0/C180

Fig. C90/C270

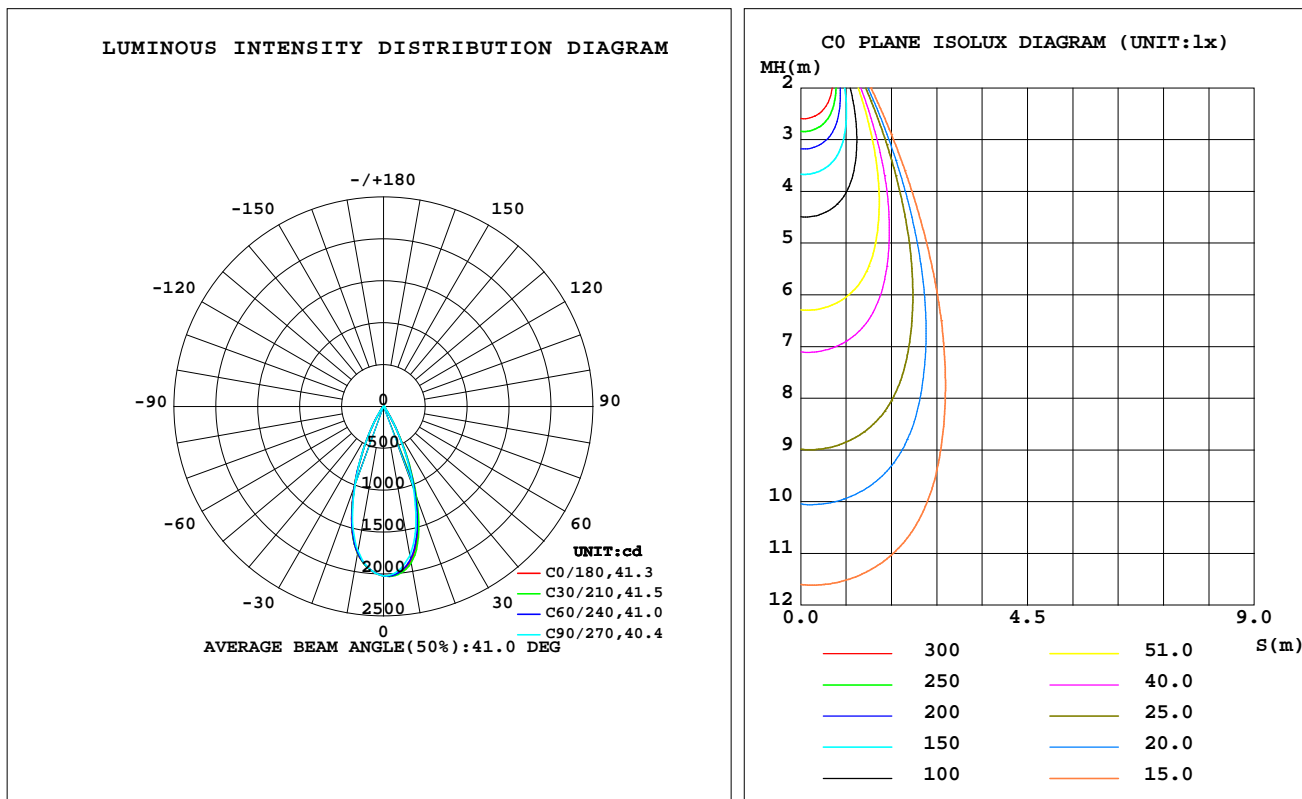
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 54.64 lm/W
MODEL	Bridgelux	I <sub>max</sub> (cd)	2029	S/MH(C0/180)		0.64
NOMINAL POWER(W)	17	LOR(%)	64.2	S/MH(C90/270)		0.63
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	958.58	η UP,DN(C0-180)		0.0,32.7
NOMINAL FLUX(lm)	1493.6	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,31.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	120	η down(%)	64.2	CIBSE SHR MAX		0.65



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

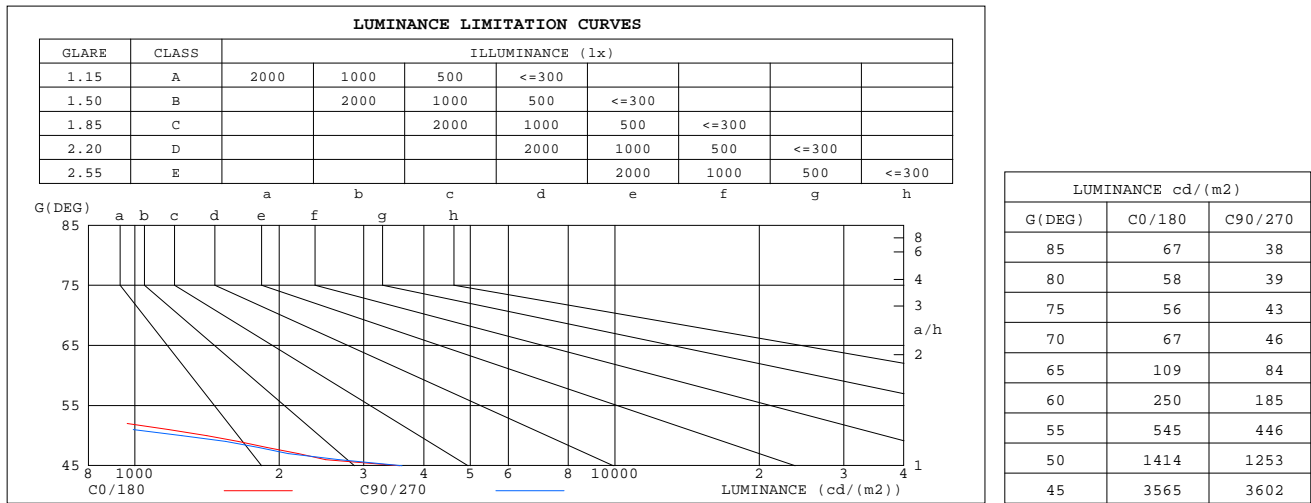
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1872	1874	1806	1767	1786	1781	1753	1794	0- 10	182.6	182.6	19,12.2
20	1126	1126	1052	1018	1030	1021	1002	1040	10- 20	404.7	587.3	61.3,39.3
30	292.5	292.4	282.9	278.2	269.5	262.8	264.2	280.4	20- 30	281.5	868.8	90.6,58.2
40	40.53	40.24	40.64	41.95	40.44	38.97	37.81	40.23	30- 40	74.09	942.9	98.4,63.1
50	5.656	5.431	5.007	5.372	5.479	5.156	4.800	5.394	40- 50	13.43	956.3	99.8,64
60	0.7772	0.7315	0.5737	0.6748	0.6761	0.6240	0.5310	0.6558	50- 60	1.912	958.2	100,64.2
70	0.1433	0.1182	0.0982	0.1123	0.1284	0.1086	0.1011	0.1139	60- 70	0.2795	958.5	100,64.2
80	0.0627	0.0430	0.0424	0.0409	0.0580	0.0451	0.0450	0.0433	70- 80	0.0791	958.6	100,64.2
90	0	0	0	0	0	0	0	0	80- 90	0.0248	958.6	100,64.2
100	0	0	0	0	0	0	0	0	90-100	0	958.6	100,64.2
110	0	0	0	0	0	0	0	0	100-110	0	958.6	100,64.2
120	0	0	0	0	0	0	0	0	110-120	0	958.6	100,64.2
130	0	0	0	0	0	0	0	0	120-130	0	958.6	100,64.2
140	0	0	0	0	0	0	0	0	130-140	0	958.6	100,64.2
150	0	0	0	0	0	0	0	0	140-150	0	958.6	100,64.2
160	0	0	0	0	0	0	0	0	150-160	0	958.6	100,64.2
170	0	0	0	0	0	0	0	0	160-170	0	958.6	100,64.2
180	0	0	0	0	0	0	0	0	170-180	0	958.6	100,64.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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

### LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz  
Lamp Flux:1493.6x1 lm

NAME: 2318.133-LEA-15-DW

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

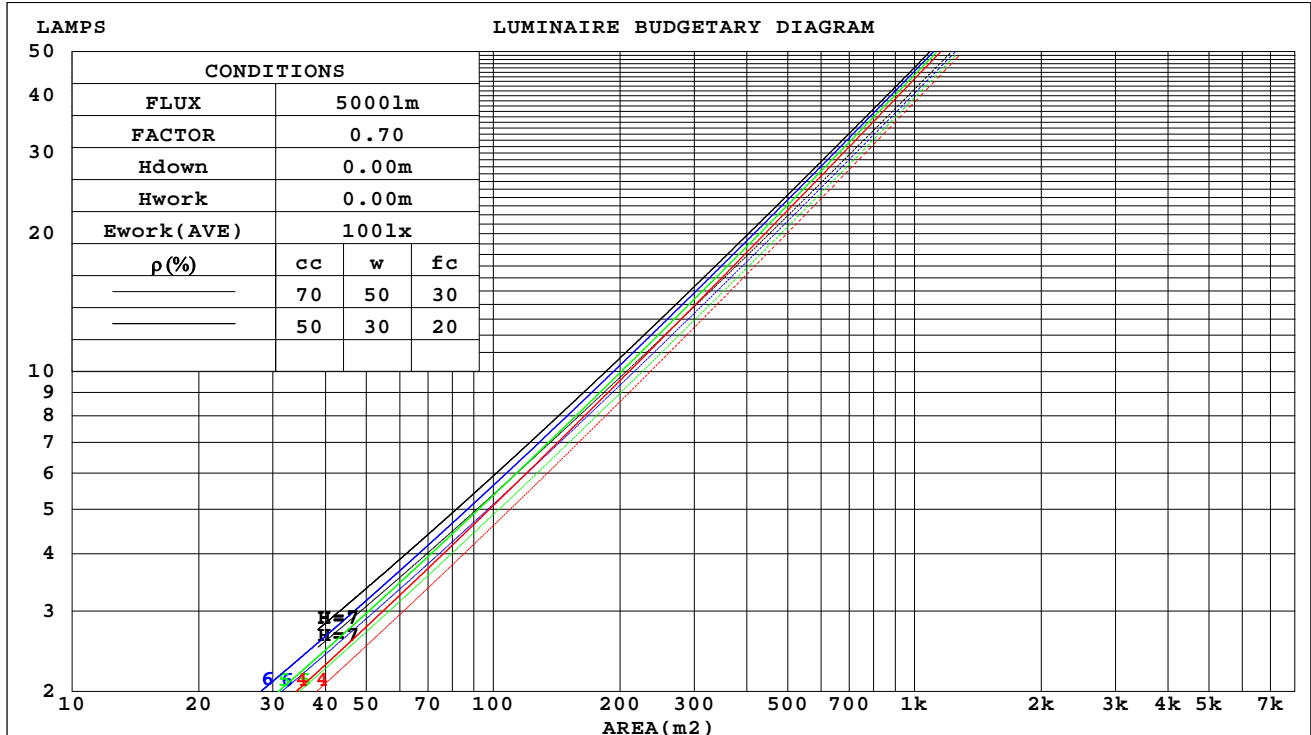
SERIAL No.: 2310121218

MFR.: RISE

SUR.: 0.006217985m2

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															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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

## WEC AND CCEC

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	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	.099	.056	.018	.094	.054	.017	.086	.049	.016	.079	.045	.015	.072	.042	.013	
2.0	.093	.051	.016	.089	.049	.015	.082	.046	.014	.076	.043	.013	.071	.040	.013	
3.0	.087	.047	.014	.084	.045	.014	.079	.043	.013	.074	.040	.012	.069	.038	.012	
4.0	.083	.043	.013	.080	.042	.012	.076	.040	.012	.071	.038	.012	.067	.036	.011	
5.0	.079	.040	.012	.077	.039	.011	.072	.038	.011	.069	.036	.011	.065	.035	.010	
6.0	.075	.038	.011	.073	.037	.011	.070	.036	.010	.066	.034	.010	.063	.033	.010	
7.0	.072	.035	.010	.070	.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	.032	.009	.062	.031	.009	.060	.030	.009	.058	.029	.008	
10.0	.063	.030	.008	.062	.030	.008	.060	.029	.008	.058	.029	.008	.056	.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	.122	.122	.122	.104	.104	.104	.071	.071	.071	.041	.041	.041	.013	.013	.013		
1.0	.109	.101	.094	.093	.087	.081	.064	.060	.056	.037	.035	.033	.012	.011	.011		
2.0	.098	.085	.074	.084	.073	.064	.057	.051	.045	.033	.029	.026	.011	.010	.009		
3.0	.089	.073	.060	.076	.063	.052	.052	.044	.036	.030	.025	.021	.010	.008	.007		
4.0	.082	.063	.049	.070	.055	.042	.048	.038	.030	.028	.022	.018	.009	.007	.006		
5.0	.075	.055	.041	.065	.048	.035	.045	.033	.025	.026	.020	.015	.008	.006	.005		
6.0	.070	.049	.034	.060	.043	.030	.042	.030	.021	.024	.018	.012	.008	.006	.004		
7.0	.066	.044	.029	.057	.038	.025	.039	.027	.018	.023	.016	.011	.007	.005	.004		
8.0	.062	.040	.025	.053	.035	.022	.037	.024	.015	.021	.014	.009	.007	.005	.003		
9.0	.059	.036	.022	.050	.032	.019	.035	.022	.013	.020	.013	.008	.007	.004	.003		
10.0	.056	.034	.019	.048	.029	.016	.033	.021	.012	.019	.012	.007	.006	.004	.002		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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

## UGR(Unified Glare Rating) Table

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm										
NAME: 2318.133-LEA-15-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310121218		
MFR.: RISE					SUR.: 0.006217985m2			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	9.5	10.3	9.7	10.4	10.6	9.3	10.1	9.5	10.2	10.4
3H	9.3	10.1	9.6	10.3	10.5	9.1	9.8	9.4	10.0	10.2
4H	9.3	9.9	9.5	10.2	10.4	9.0	9.7	9.3	9.9	10.2
6H	9.2	9.8	9.5	10.1	10.3	9.0	9.6	9.3	9.8	10.1
8H	9.1	9.8	9.4	10.0	10.3	8.9	9.5	9.2	9.8	10.0
12H	9.1	9.7	9.4	9.9	10.2	8.9	9.5	9.2	9.7	10.0
4H 2H	9.3	9.9	9.5	10.2	10.4	9.1	9.7	9.3	9.9	10.2
3H	9.1	9.7	9.4	9.9	10.2	8.9	9.5	9.2	9.7	10.0
4H	9.0	9.5	9.3	9.8	10.1	8.8	9.3	9.1	9.6	9.9
6H	8.9	9.4	9.3	9.7	10.0	8.7	9.2	9.1	9.5	9.8
8H	8.8	9.3	9.2	9.6	10.0	8.6	9.1	9.0	9.4	9.8
12H	8.8	9.2	9.2	9.6	10.0	8.6	9.0	9.0	9.3	9.7
8H 4H	8.8	9.3	9.2	9.6	10.0	8.6	9.1	9.0	9.4	9.8
6H	8.7	9.1	9.2	9.5	9.9	8.5	8.9	8.9	9.3	9.7
8H	8.7	9.0	9.1	9.4	9.9	8.5	8.8	8.9	9.2	9.6
12H	8.6	8.9	9.1	9.3	9.8	8.4	8.7	8.9	9.1	9.6
12H 4H	8.8	9.2	9.2	9.6	10.0	8.6	9.0	9.0	9.3	9.7
6H	8.7	9.0	9.1	9.4	9.9	8.5	8.8	8.9	9.2	9.6
8H	8.6	8.9	9.1	9.3	9.8	8.4	8.7	8.9	9.1	9.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.8 / -16.2					+ 3.9 / -17.3				
1.5H	+ 6.2 / -12.8					+ 6.3 / -13.3				
2.0H	+ 7.6 / -11.9					+ 7.8 / -13.2				

CIE Pub.117, 1494 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)  
Area: 0.00621798 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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



### UTILIZATION FACTORS TABLE

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

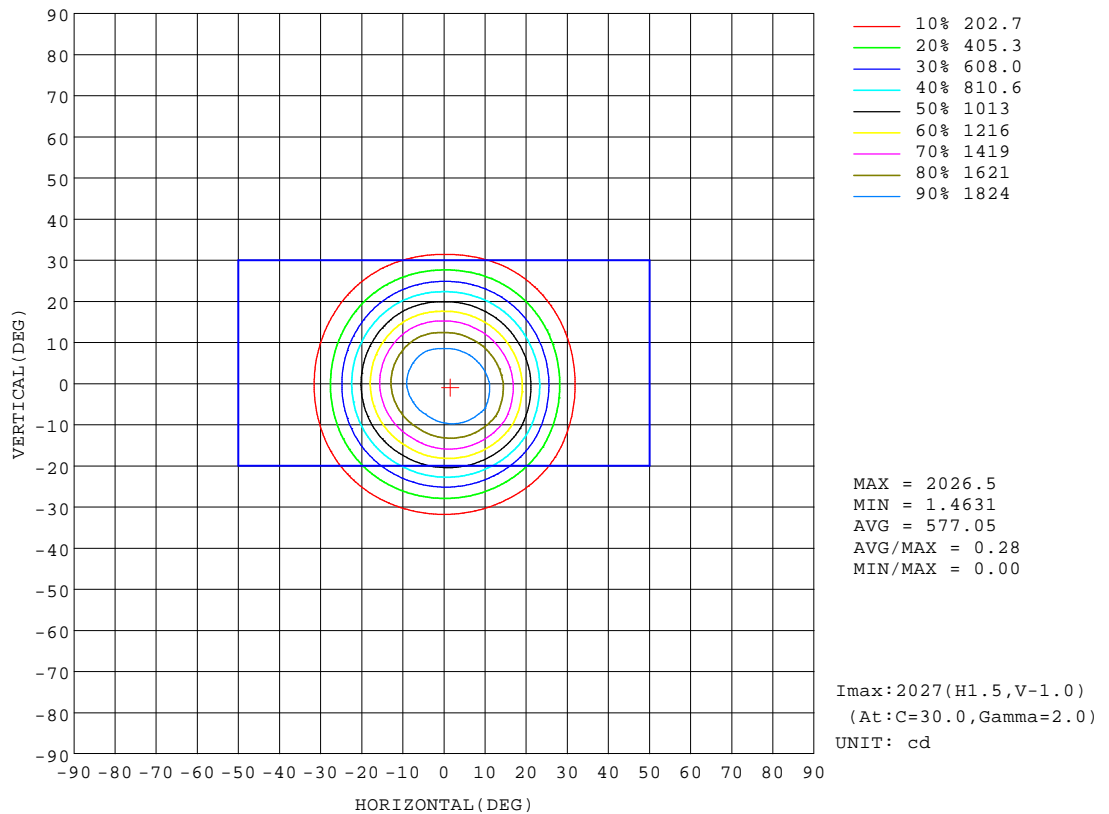
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	54	52	58	54	52	57	54	52	50
0.80	63	59	57	62	59	57	61	59	57	55
1.00	65	62	60	65	62	60	64	61	59	57
1.25	67	64	62	67	64	62	66	63	62	59
1.50	69	66	64	68	66	64	67	65	63	61
2.00	70	68	66	70	67	66	68	66	65	61
2.50	71	69	67	70	68	67	68	67	66	62
3.00	72	70	69	71	69	68	69	68	67	63
4.00	73	72	71	72	71	70	70	69	68	64
5.00	74	73	72	73	72	71	70	70	69	64
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:2023-10-12

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

## ISOCANDELA DIAGRAM

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

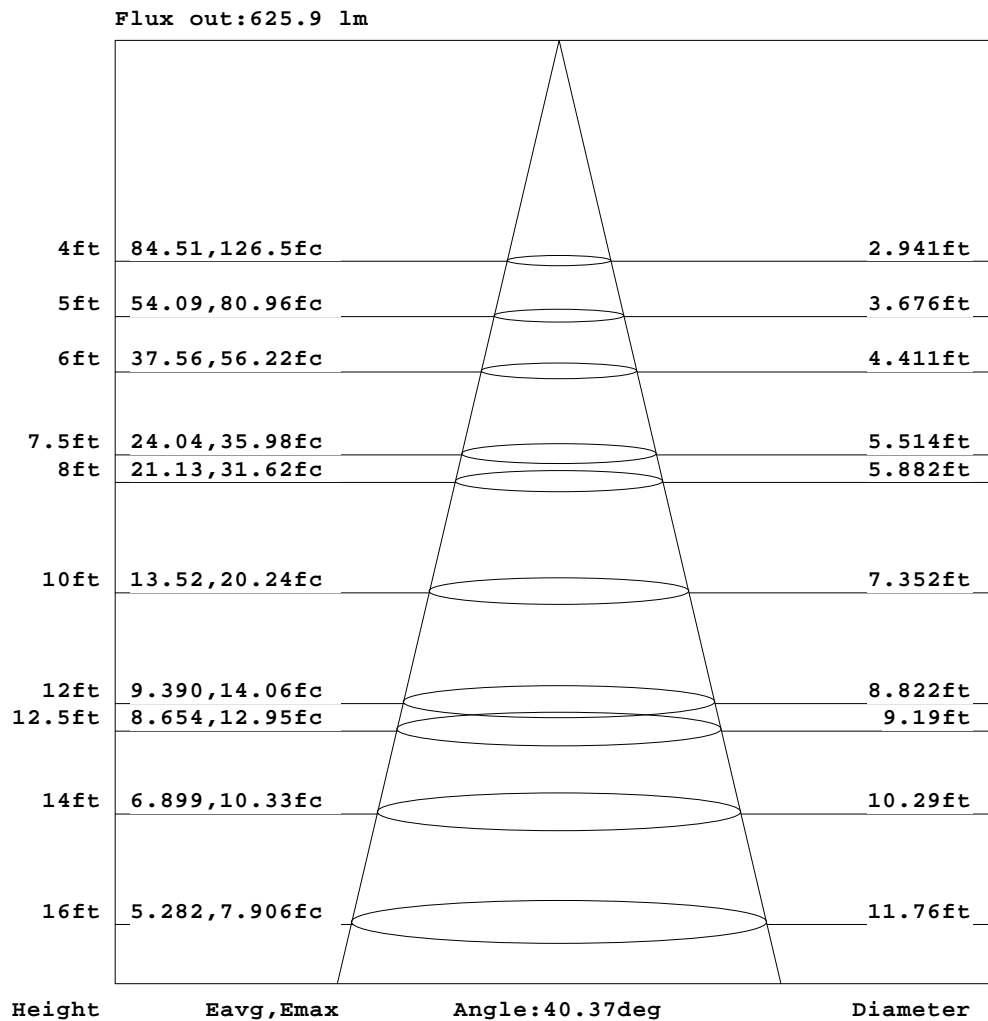


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2023-10-12

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

## AAI Figure

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



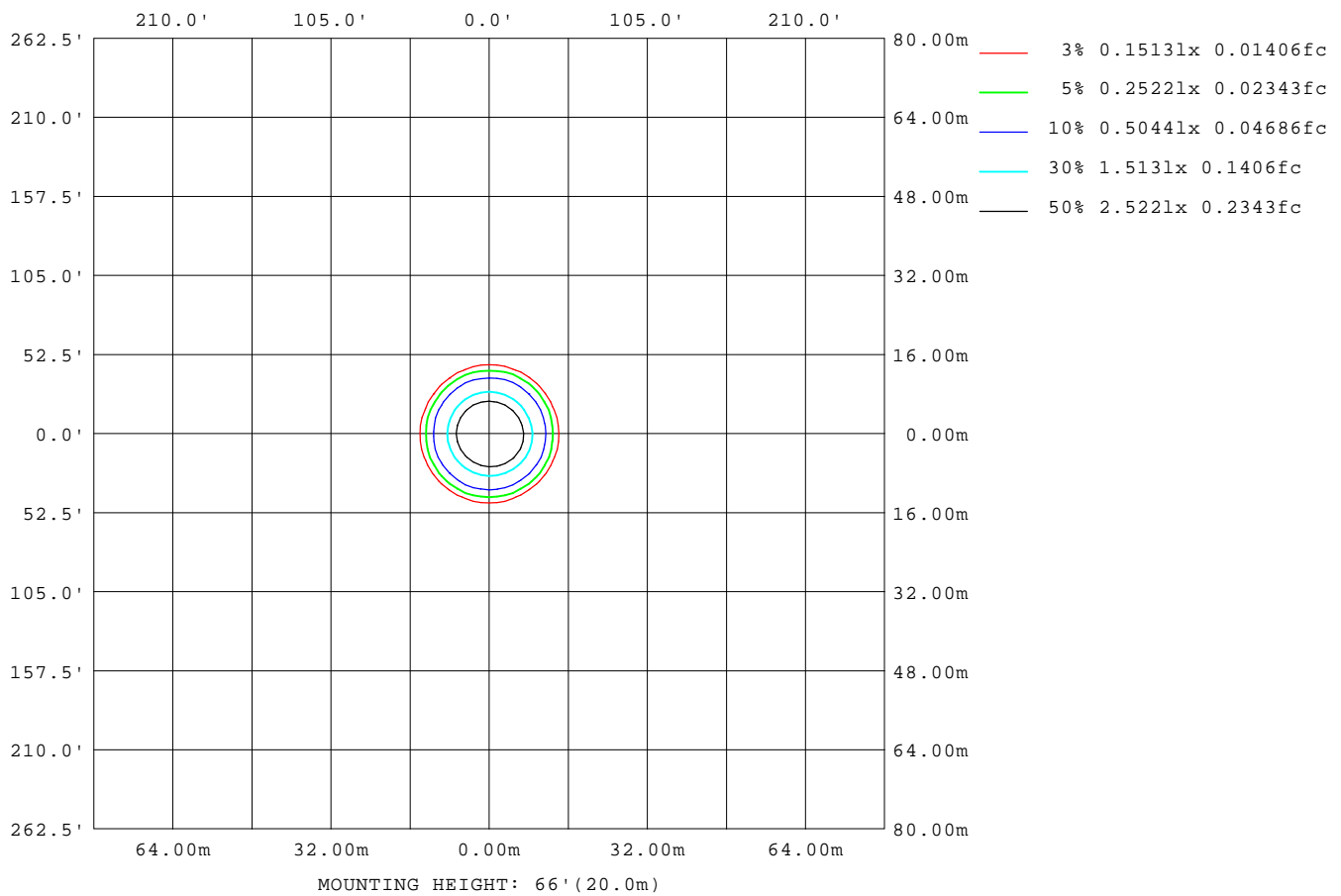
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2023-10-12

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

## ISOLUX DIAGRAM

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:zoe  
Test Date:2023-10-12

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

## LED Avg.L Report

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

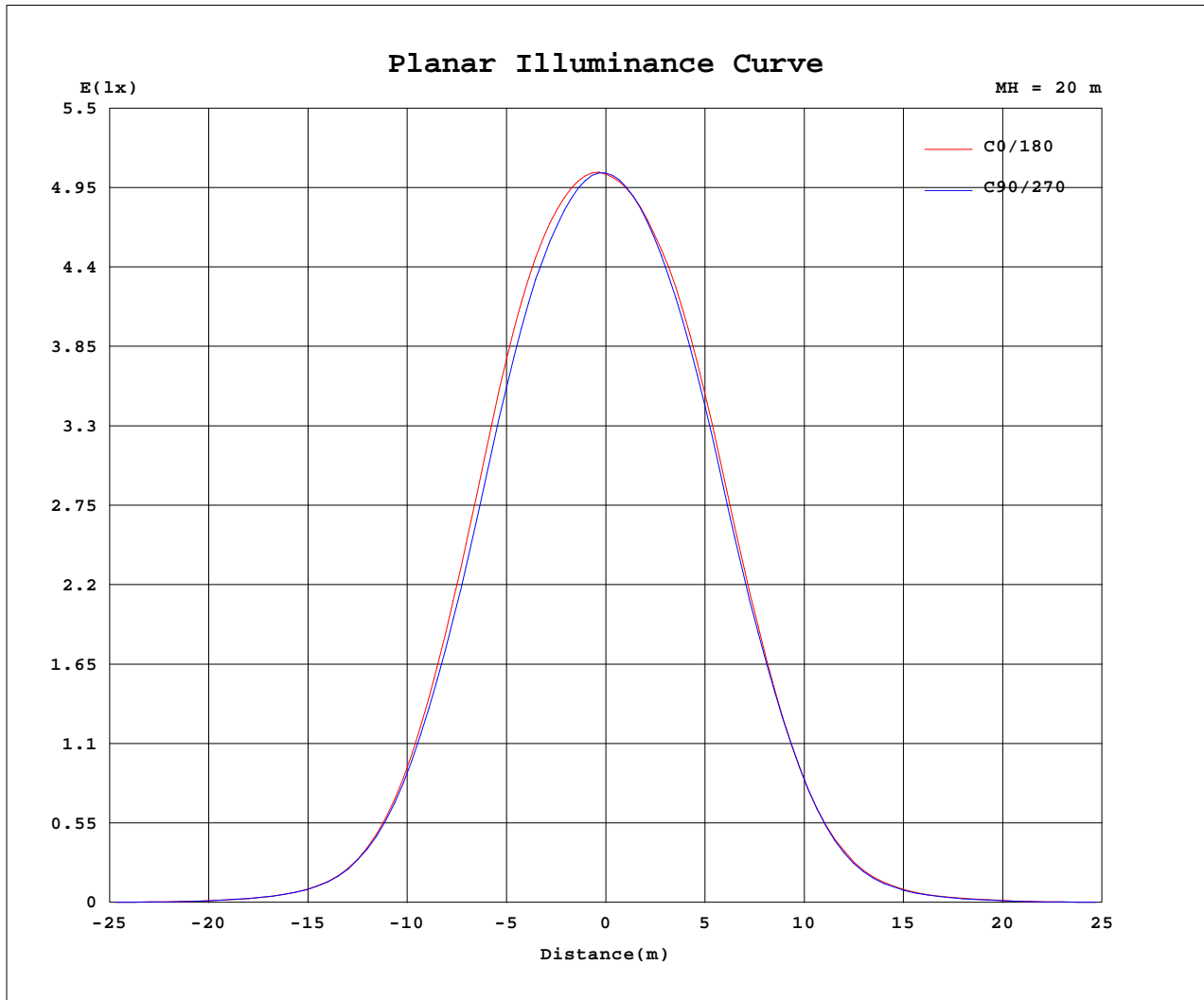
AvgL	cd/m2
L_0~180(65)av	103
L_0~180(75)av	54
L_0~180(85)av	64
L_90~270(65)av	79
L_90~270(75)av	44
L_90~270(85)av	39
L_45(65)av	94
L_45(75)av	44
L_45(85)av	30

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2023-10-12

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-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: 2023-10-12

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

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.1469A P:17.543W PF:0.9932 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.133-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310121218
MFR.: RISE	SUR.: 0.006217985m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020						
5	2003	2012	1995	1971	1950	1946	1950	1948	1945	1945	1956	1979						
10	1872	1895	1853	1806	1765	1769	1786	1783	1778	1753	1772	1816						
15	1579	1613	1549	1490	1442	1451	1472	1467	1462	1432	1448	1503						
20	1126	1155	1097	1052	1015	1021	1030	1020	1022	1002	1020	1059						
25	654	672	638	624	607	603	594	583	592	593	609	622						
30	292	300	285	283	280	277	269	260	265	264	278	283						
35	106	109	104	104	106	105	103	98.7	98.4	96.5	104	104						
40	40.5	41.1	39.3	40.6	42.0	41.9	40.4	39.5	38.4	37.8	40.1	40.4						
45	15.7	16.2	15.4	15.8	17.1	16.6	16.6	16.2	15.2	14.6	15.6	15.6						
50	5.66	5.64	5.22	5.01	5.18	5.56	5.48	5.37	4.94	4.80	5.22	5.57						
55	1.95	1.96	1.74	1.59	1.76	1.86	1.79	1.78	1.72	1.60	1.73	1.81						
60	0.78	0.83	0.64	0.57	0.63	0.72	0.68	0.67	0.58	0.53	0.60	0.71						
65	0.29	0.30	0.24	0.22	0.24	0.27	0.25	0.25	0.21	0.19	0.21	0.25						
70	0.14	0.14	0.10	0.10	0.10	0.13	0.13	0.12	0.10	0.10	0.10	0.13						
75	0.09	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.07	0.07	0.07	0.08						
80	0.06	0.05	0.04	0.04	0.04	0.04	0.06	0.05	0.04	0.05	0.04	0.05						
85	0.04	0.02	0.02	0.02	0.01	0.02	0.03	0.02	0.02	0.02	0.02	0.02						
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:2023-10-12

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