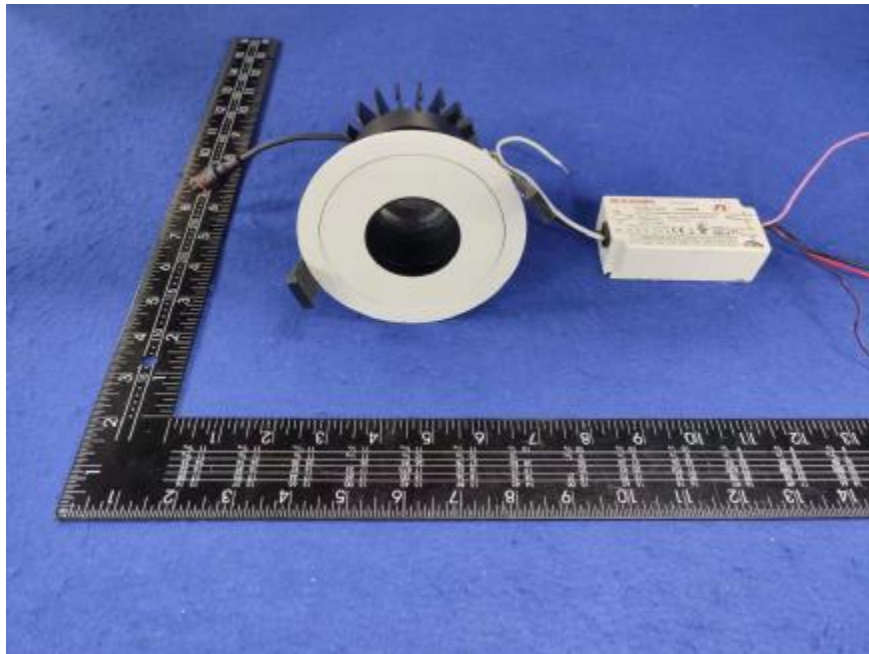


Luminaire Photograph



Light Output Ratio:	58.1%	
Luminaire Power:	17.65 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: 2023-10-23

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

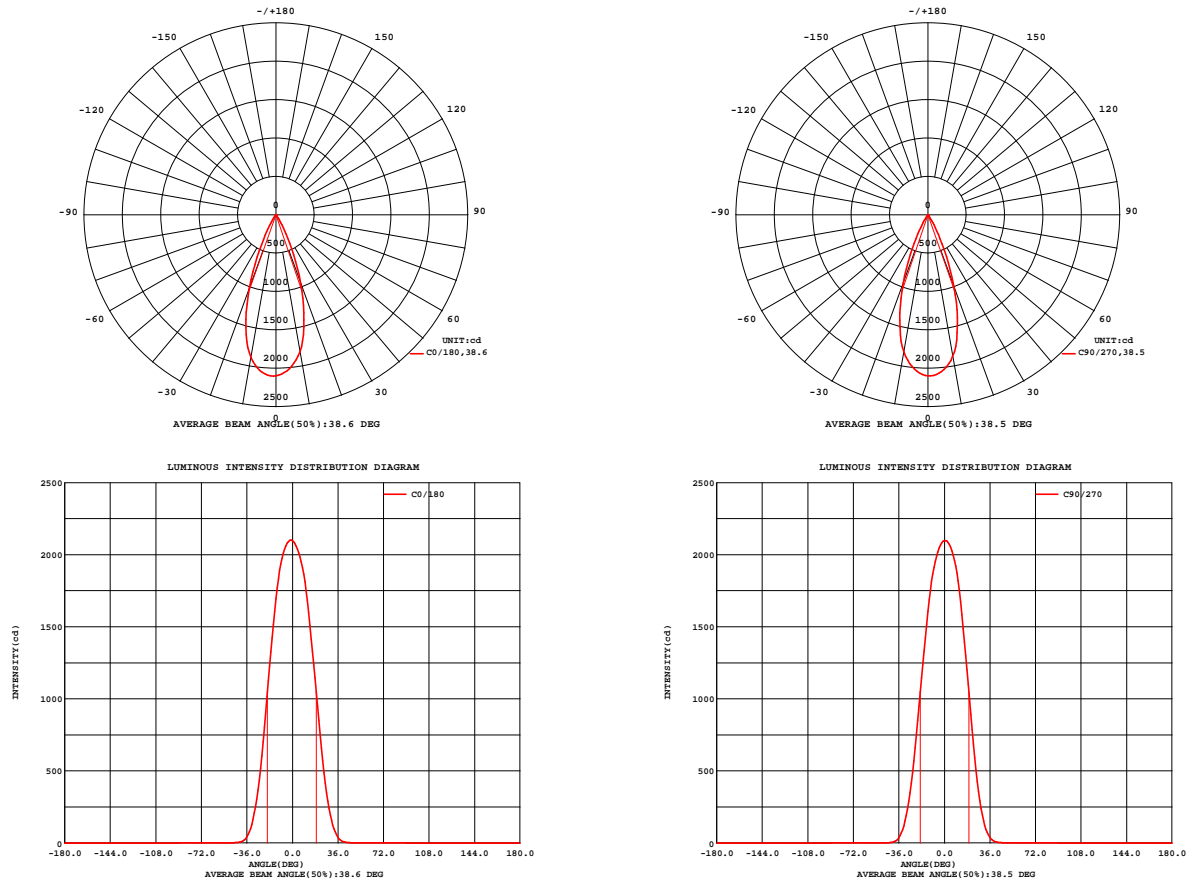


Fig. C0/C180

Fig. C90/C270

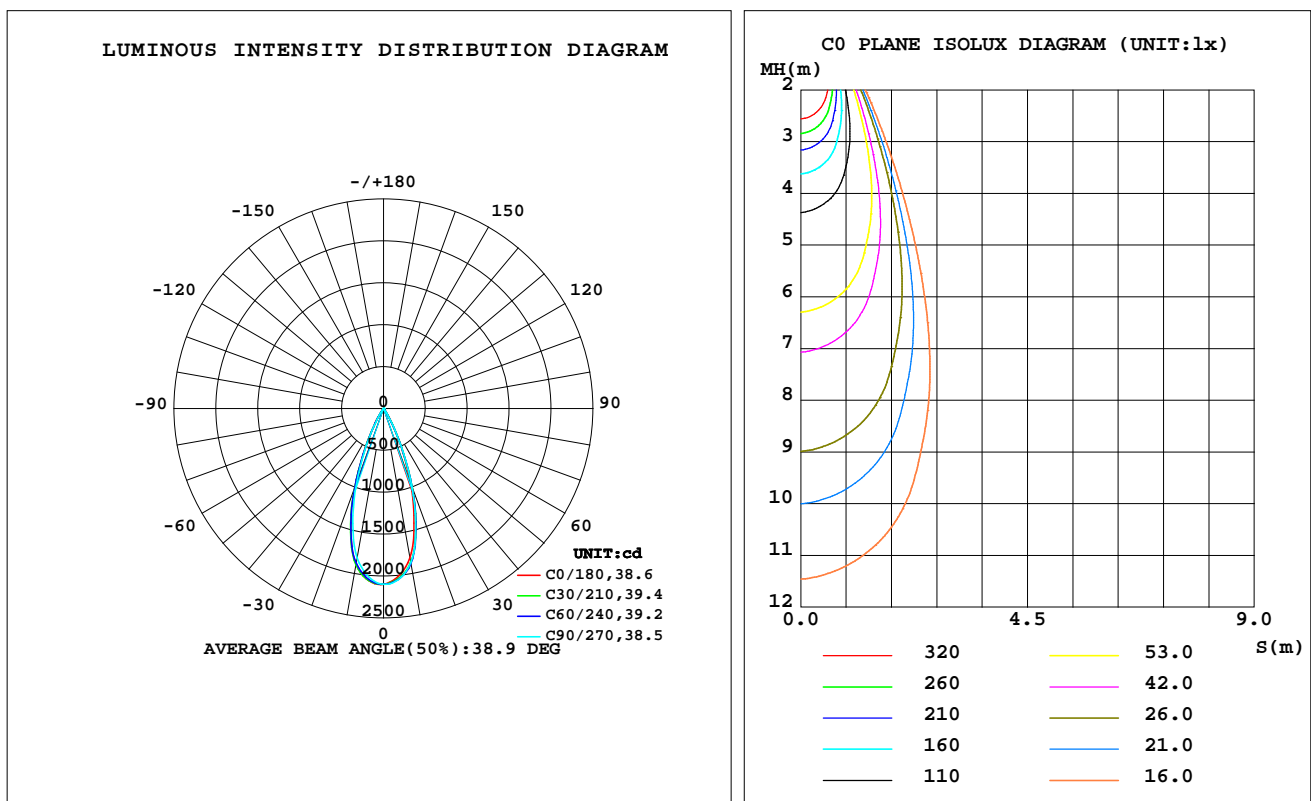
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 49.15 lm/W
MODEL	Bridgelux	I _{max} (cd)	2102	S/MH(C0/180)		0.61
NOMINAL POWER(W)	18	LOR(%)	58.1	S/MH(C90/270)		0.60
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	867.27	η UP,DN(C0-180)		0.0,29.3
NOMINAL FLUX(lm)	1493.6	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,28.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	120	η down(%)	58.1	CIBSE SHR MAX		0.60



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1811	1874	1870	1855	1888	1887	1814	1772	0- 10	188.4	188.4	21.7,12.6
20	949.3	1005	996.8	983.8	1015	1020	948.4	905.5	10- 20	397.1	585.5	67.5,39.2
30	194.8	196.4	197.0	204.8	206.8	197.2	189.8	194.3	20- 30	234.9	820.4	94.6,54.9
40	10.30	11.07	10.19	10.89	10.25	9.220	8.561	9.174	30- 40	43.09	863.5	99.6,57.8
50	1.424	1.418	1.078	1.170	1.472	1.043	0.6223	0.6634	40- 50	2.418	865.9	99.8,58
60	0.7722	0.8205	0.6861	0.6791	0.8832	0.6090	0.3615	0.3950	50- 60	0.7565	866.7	99.9,58
70	0.2626	0.3257	0.3072	0.3006	0.3578	0.2078	0.0668	0.0852	60- 70	0.4171	867.1	100,58.1
80	0.0726	0.0848	0.0860	0.0872	0.1058	0.0591	0.0488	0.0413	70- 80	0.1481	867.2	100,58.1
90	0	0	0	0	0	0	0	0	80- 90	0.0325	867.3	100,58.1
100	0	0	0	0	0	0	0	0	90-100	0	867.3	100,58.1
110	0	0	0	0	0	0	0	0	100-110	0	867.3	100,58.1
120	0	0	0	0	0	0	0	0	110-120	0	867.3	100,58.1
130	0	0	0	0	0	0	0	0	120-130	0	867.3	100,58.1
140	0	0	0	0	0	0	0	0	130-140	0	867.3	100,58.1
150	0	0	0	0	0	0	0	0	140-150	0	867.3	100,58.1
160	0	0	0	0	0	0	0	0	150-160	0	867.3	100,58.1
170	0	0	0	0	0	0	0	0	160-170	0	867.3	100,58.1
180	0	0	0	0	0	0	0	0	170-180	0	867.3	100,58.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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

LUMINANCE LIMITATION CURVES

Test:U:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz
Lamp Flux:1493.6x1 lm

NAME: 2318.138-LEA-15-DW

TYPE:

WEIGHT:

SPEC.: 3000K

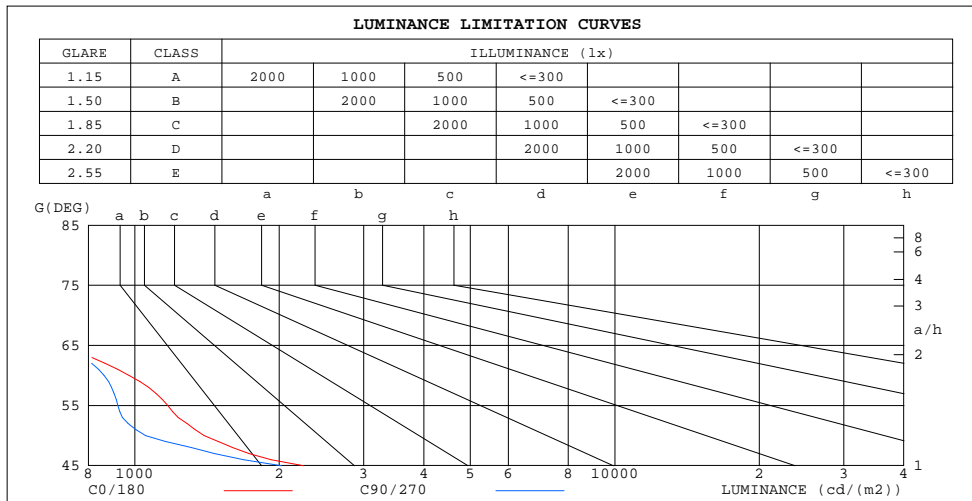
DIM.:

SERIAL No.: 2310231259

MFR.: RISE

SUR.: 0.001589625m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	307	159
80	263	311
75	334	444
70	484	565
65	710	720
60	973	863
55	1172	922
50	1396	1054
45	2246	2021

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz
Lamp Flux:1493.6x1 lm

NAME: 2318.138-LEA-15-DW

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

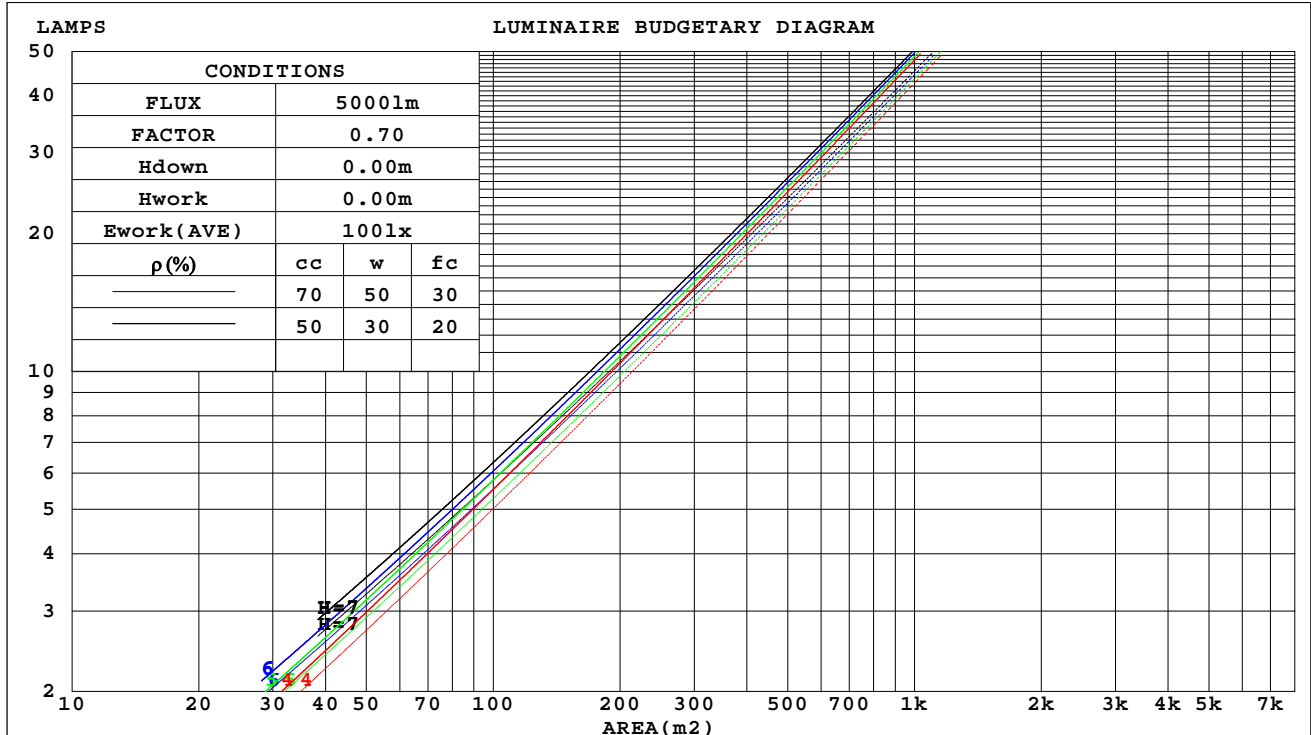
SERIAL No.: 2310231259

MFR.: RISE

SUR.: 0.001589625m2

Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	.69	.69	.69	.68	.68	.68	.65	.65	.65	.62	.62	.62	.59	.59	.59	.58
1.0	.65	.64	.63	.64	.63	.62	.62	.61	.60	.60	.59	.58	.58	.57	.57	.56
2.0	.62	.60	.58	.61	.59	.58	.59	.58	.56	.57	.56	.55	.56	.55	.54	.53
3.0	.59	.56	.55	.58	.56	.54	.57	.55	.53	.55	.54	.53	.54	.53	.52	.51
4.0	.56	.54	.52	.55	.53	.51	.54	.52	.51	.53	.51	.50	.52	.51	.50	.49
5.0	.54	.51	.49	.53	.51	.49	.52	.50	.48	.51	.49	.48	.50	.49	.48	.47
6.0	.51	.49	.47	.51	.48	.47	.50	.48	.46	.49	.47	.46	.49	.47	.46	.45
7.0	.49	.47	.45	.49	.46	.44	.48	.46	.44	.48	.46	.44	.47	.45	.44	.43
8.0	.47	.45	.43	.47	.44	.43	.46	.44	.43	.46	.44	.42	.45	.44	.42	.42
9.0	.46	.43	.41	.45	.43	.41	.45	.42	.41	.44	.42	.41	.44	.42	.41	.40
10.0	.44	.41	.39	.44	.41	.39	.43	.41	.39	.43	.41	.39	.42	.41	.39	.39



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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

WEC AND CCEC

Test:U:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	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	.086	.049	.015	.082	.047	.015	.075	.043	.014	.068	.039	.013	.062	.036	.012	
2.0	.080	.044	.014	.077	.042	.013	.071	.040	.012	.066	.037	.012	.060	.034	.011	
3.0	.075	.040	.012	.073	.039	.012	.068	.037	.011	.063	.035	.011	.059	.033	.010	
4.0	.071	.037	.011	.069	.036	.011	.065	.034	.010	.061	.033	.010	.057	.031	.009	
5.0	.068	.034	.010	.066	.034	.010	.062	.032	.010	.059	.031	.009	.055	.030	.009	
6.0	.064	.032	.009	.063	.032	.009	.060	.031	.009	.057	.029	.009	.054	.028	.008	
7.0	.061	.030	.009	.060	.030	.009	.057	.029	.008	.055	.028	.008	.052	.027	.008	
8.0	.059	.029	.008	.058	.028	.008	.055	.028	.008	.053	.027	.008	.051	.026	.008	
9.0	.057	.027	.008	.055	.027	.008	.053	.026	.007	.051	.026	.007	.049	.025	.007	
10.0	.054	.026	.007	.053	.026	.007	.051	.025	.007	.050	.025	.007	.048	.024	.007	

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	.111	.111	.111	.095	.095	.095	.065	.065	.065	.037	.037	.037	.012	.012	.012	
1.0	.098	.091	.085	.084	.079	.074	.057	.054	.051	.033	.031	.030	.011	.010	.010	
2.0	.088	.077	.068	.075	.066	.059	.052	.046	.041	.030	.027	.024	.010	.009	.008	
3.0	.080	.066	.055	.068	.057	.047	.047	.039	.033	.027	.023	.020	.009	.007	.006	
4.0	.073	.057	.045	.063	.049	.039	.043	.034	.027	.025	.020	.016	.008	.007	.005	
5.0	.067	.050	.037	.058	.043	.032	.040	.030	.023	.023	.018	.014	.007	.006	.004	
6.0	.062	.044	.031	.054	.038	.027	.037	.027	.019	.021	.016	.011	.007	.005	.004	
7.0	.058	.040	.027	.050	.034	.023	.035	.024	.016	.020	.014	.010	.006	.005	.003	
8.0	.055	.036	.023	.047	.031	.020	.033	.022	.014	.019	.013	.008	.006	.004	.003	
9.0	.052	.033	.020	.044	.028	.017	.031	.020	.012	.018	.012	.007	.006	.004	.002	
10.0	.049	.030	.017	.042	.026	.015	.029	.018	.011	.017	.011	.006	.006	.004	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm										
NAME: 2318.138-LEA-15-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2310231259		
MFR.: RISE					SUR.: 0.001589625m2			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	10.5	11.3	10.7	11.4	11.6	10.2	11.0	10.5	11.1	11.3
3H	10.4	11.1	10.6	11.3	11.5	10.1	10.8	10.3	11.0	11.2
4H	10.3	11.0	10.6	11.2	11.4	10.0	10.7	10.3	10.9	11.1
6H	10.2	10.8	10.5	11.1	11.3	9.9	10.5	10.2	10.8	11.0
8H	10.2	10.8	10.5	11.0	11.3	9.9	10.5	10.2	10.7	11.0
12H	10.1	10.7	10.5	11.0	11.2	9.9	10.4	10.2	10.7	10.9
4H 2H	10.3	11.0	10.6	11.2	11.4	10.0	10.7	10.3	10.9	11.1
3H	10.1	10.7	10.5	11.0	11.2	9.9	10.4	10.2	10.7	10.9
4H	10.1	10.6	10.4	10.9	11.2	9.8	10.3	10.1	10.6	10.9
6H	10.0	10.4	10.3	10.7	11.1	9.7	10.1	10.0	10.5	10.8
8H	9.9	10.3	10.3	10.7	11.0	9.6	10.0	10.0	10.4	10.8
12H	9.9	10.2	10.3	10.6	11.0	9.6	10.0	10.0	10.3	10.7
8H 4H	9.9	10.3	10.3	10.7	11.0	9.6	10.0	10.0	10.4	10.7
6H	9.8	10.1	10.2	10.5	10.9	9.5	9.9	9.9	10.3	10.7
8H	9.7	10.0	10.2	10.5	10.9	9.5	9.8	9.9	10.2	10.6
12H	9.7	9.9	10.1	10.4	10.9	9.4	9.7	9.9	10.1	10.6
12H 4H	9.9	10.2	10.3	10.6	11.0	9.6	9.9	10.0	10.3	10.7
6H	9.7	10.0	10.2	10.5	10.9	9.5	9.8	9.9	10.2	10.6
8H	9.7	9.9	10.1	10.4	10.9	9.4	9.7	9.9	10.1	10.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.6 / - 8.7					+ 4.7 / - 9.1				
1.5H	+ 7.3 / - 8.0					+ 7.4 / - 8.5				
2.0H	+ 2.1 / - 1.6					+ 2.5 / - 1.2				

CIE Pub.117, 1494 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)
Area: 0.00158963 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

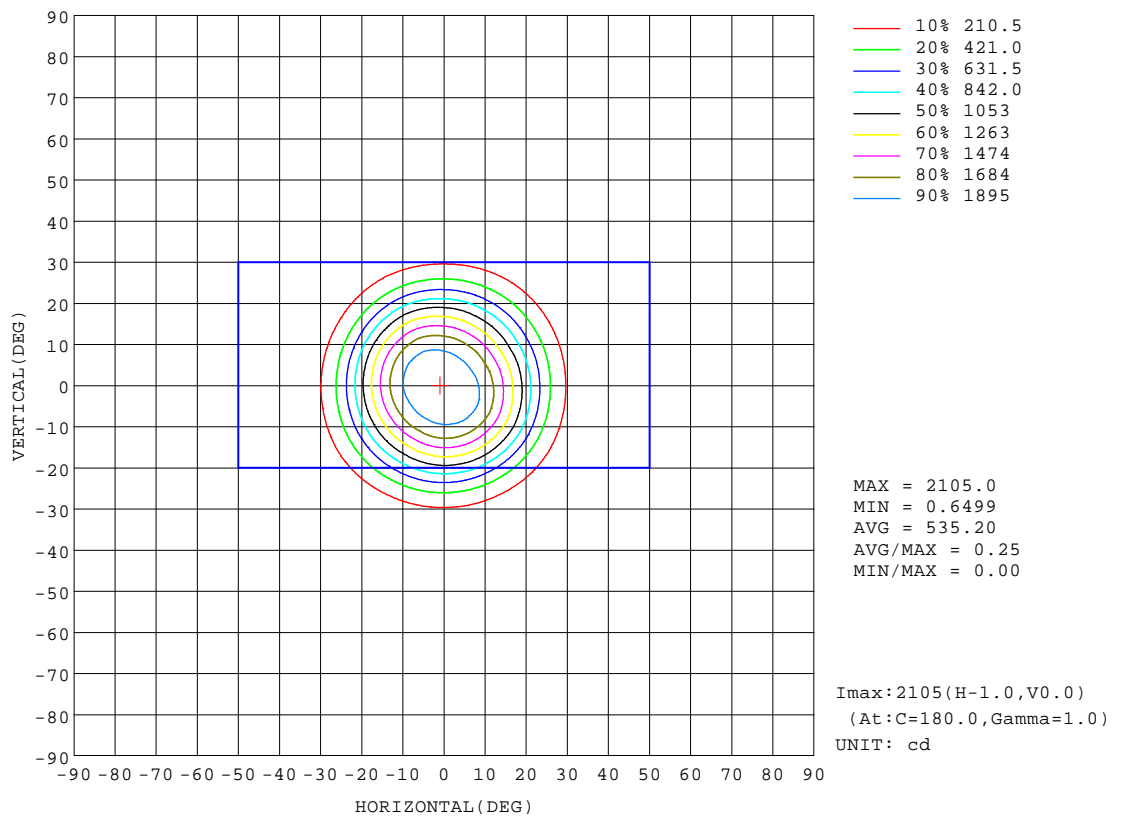
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	50	48	53	50	48	52	49	48	46
0.80	57	54	52	57	54	52	56	54	52	50
1.00	59	56	54	59	56	54	58	56	54	52
1.25	61	59	57	61	58	57	60	58	56	54
1.50	63	60	58	62	60	58	61	59	58	55
2.00	64	62	60	63	61	60	61	60	59	56
2.50	65	63	61	64	62	61	62	61	60	56
3.00	65	64	62	64	63	62	63	61	60	57
4.00	67	65	64	65	64	63	63	62	62	58
5.00	67	66	65	66	65	64	64	63	62	58
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°C
Operators:zoe
Test Date:2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:



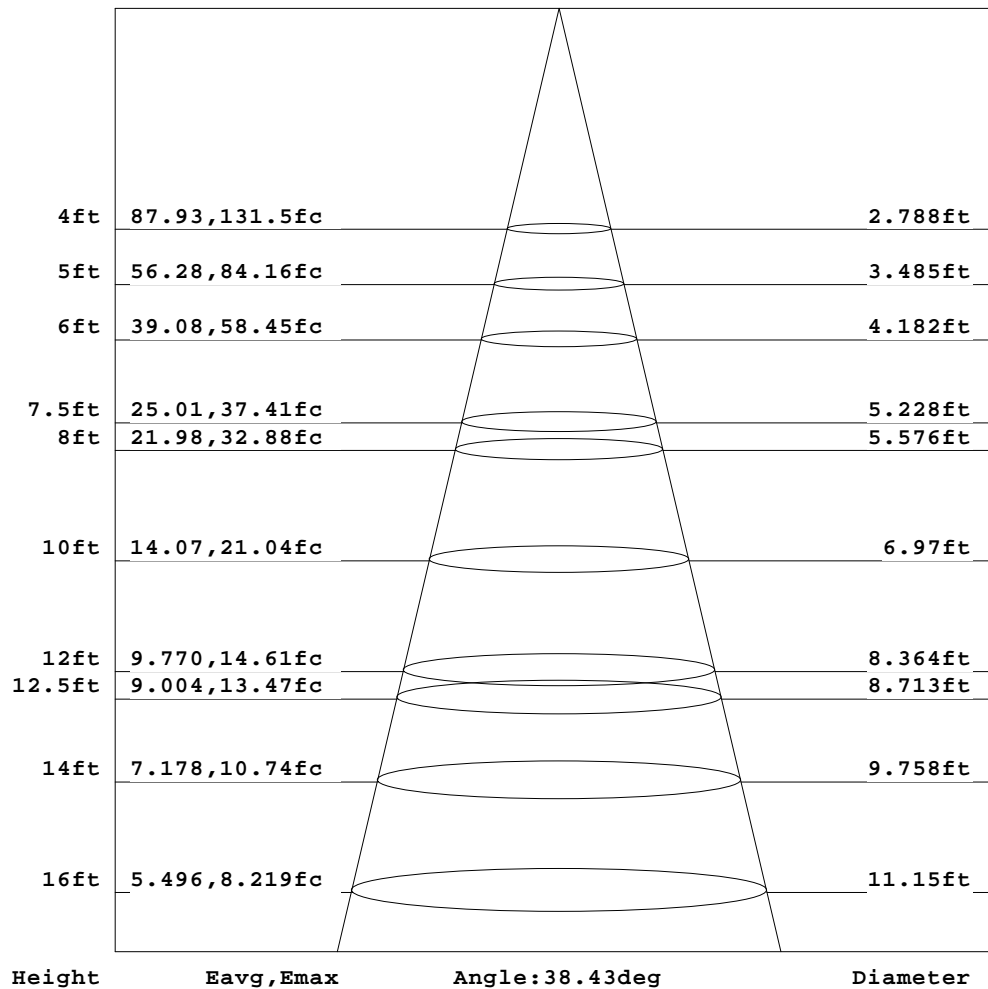
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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

AAI Figure

Test:U:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

Flux out:585.5 lm



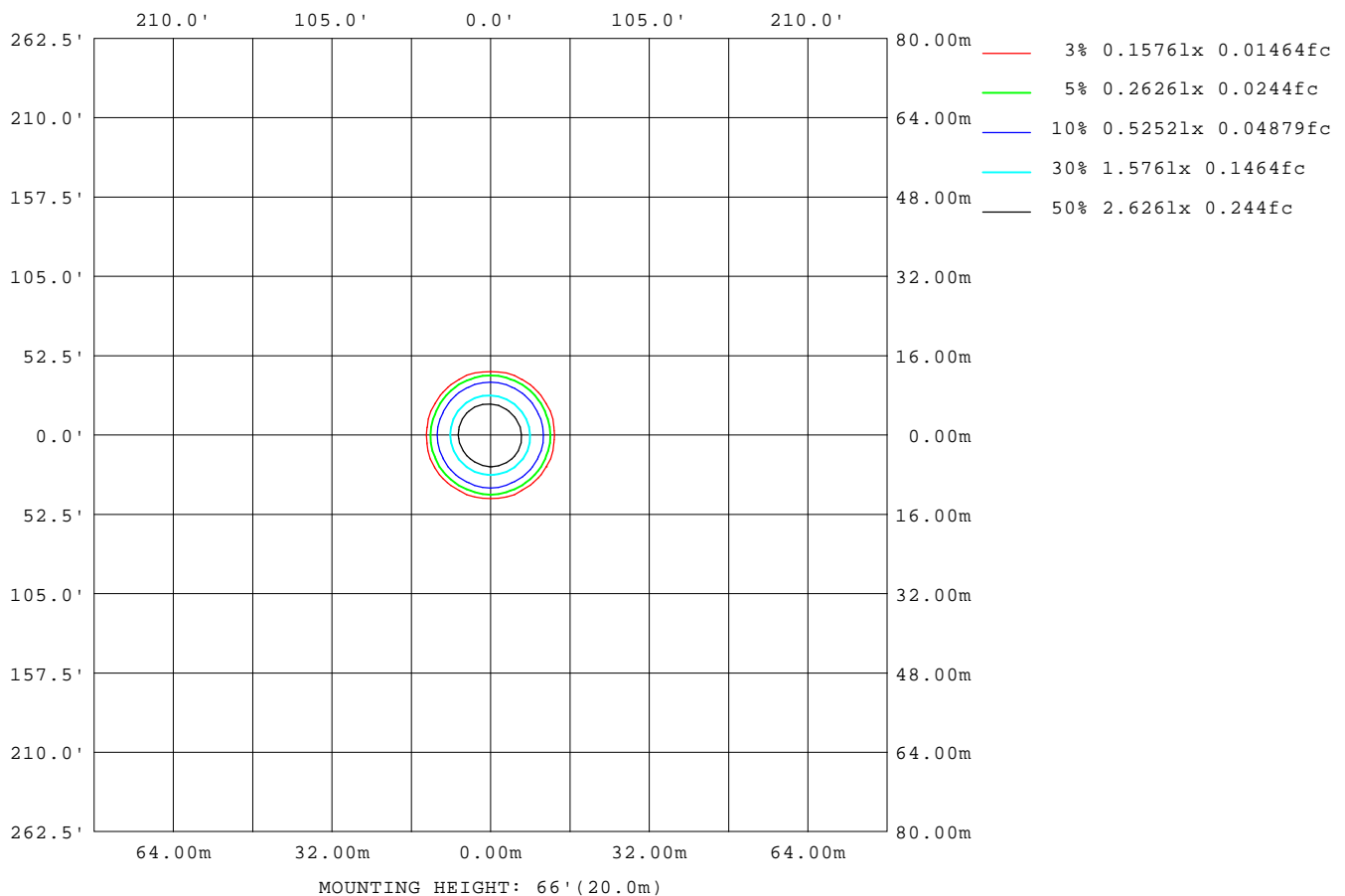
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:zoe
Test Date:2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

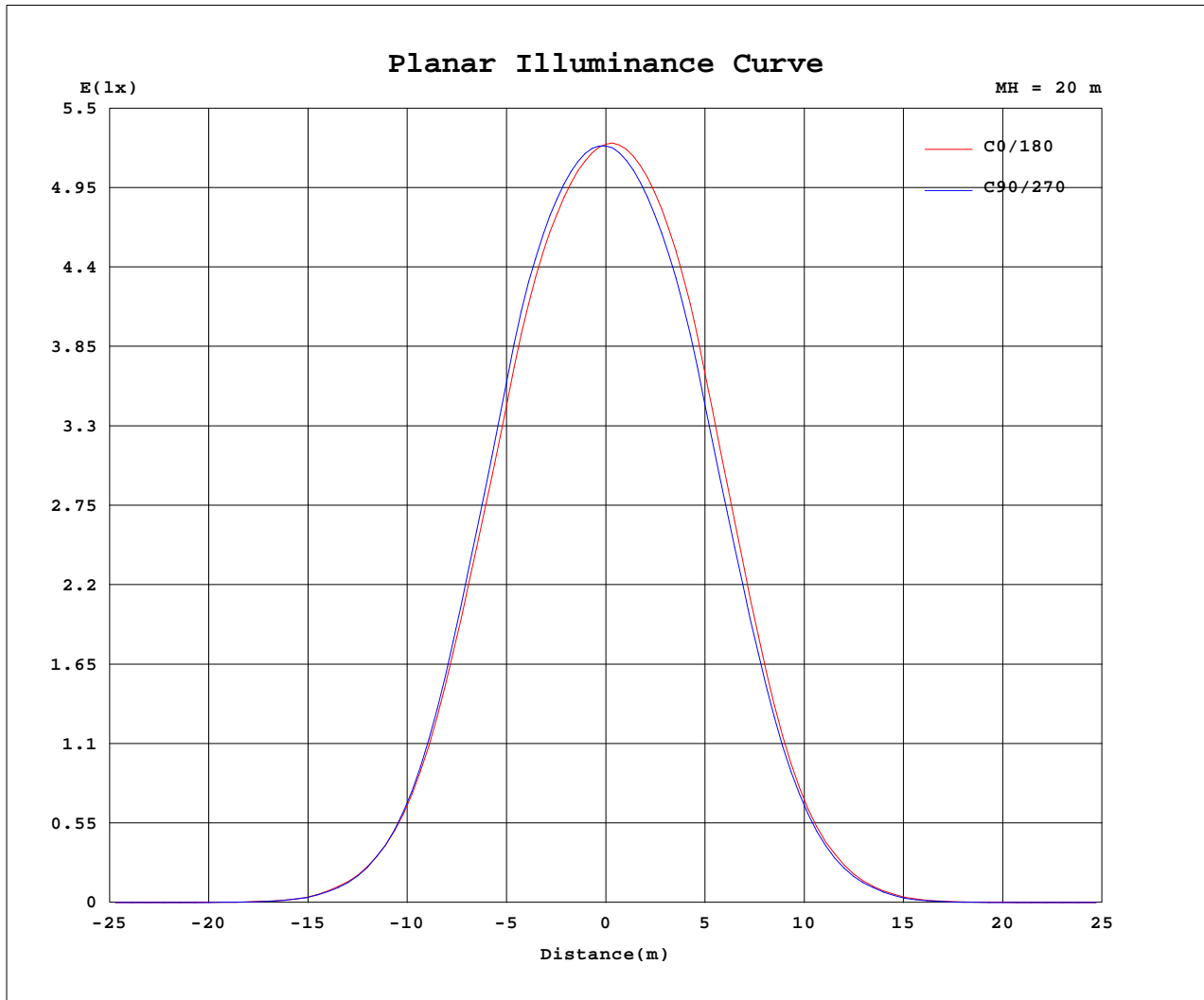
AvgL	cd/m2
L_0~180(65)av	791
L_0~180(75)av	414
L_0~180(85)av	281
L_90~270(65)av	506
L_90~270(75)av	293
L_90~270(85)av	155
L_45(65)av	595
L_45(75)av	306
L_45(85)av	129

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2023-10-23

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: 2023-10-23

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:120.20V I:0.1476A P:17.646W PF:0.9938 Freq:59.98Hz Lamp Flux:1493.6x1 lm		
NAME: 2318.138-LEA-15-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2310231259
MFR.: RISE	SUR.: 0.001589625m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097	2097						
5	2013	2038	2048	2050	2048	2052	2061	2060	2047	2019	1998	1996						
10	1811	1866	1882	1870	1852	1859	1888	1898	1875	1814	1776	1768						
15	1415	1493	1498	1487	1462	1480	1515	1527	1509	1421	1367	1360						
20	949	1008	1003	997	976	992	1015	1024	1015	948	908	903						
25	488	507	499	506	508	519	517	509	511	488	480	474						
30	195	202	191	197	197	212	207	194	200	190	197	192						
35	58.5	61.6	57.8	56.0	58.1	64.4	59.3	56.3	56.5	53.2	56.7	57.9						
40	10.3	11.5	10.6	10.2	10.4	11.4	10.3	9.81	8.63	8.56	8.58	9.77						
45	2.52	2.83	2.35	2.27	2.34	2.52	2.64	2.36	1.69	1.37	1.42	1.62						
50	1.42	1.64	1.20	1.08	1.09	1.25	1.47	1.32	0.76	0.62	0.61	0.72						
55	1.07	1.25	0.90	0.84	0.83	0.85	1.16	1.05	0.57	0.49	0.49	0.57						
60	0.77	0.93	0.71	0.69	0.68	0.68	0.88	0.78	0.44	0.36	0.36	0.43						
65	0.48	0.60	0.48	0.48	0.48	0.47	0.59	0.50	0.27	0.19	0.19	0.25						
70	0.26	0.35	0.30	0.31	0.30	0.30	0.36	0.29	0.13	0.07	0.06	0.11						
75	0.14	0.18	0.17	0.18	0.18	0.17	0.20	0.15	0.06	0.06	0.05	0.06						
80	0.07	0.09	0.08	0.09	0.08	0.09	0.11	0.07	0.04	0.05	0.04	0.04						
85	0.04	0.02	0.01	0.02	0.01	0.02	0.04	0.03	0.02	0.02	0.01	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
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Operators:zoe
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