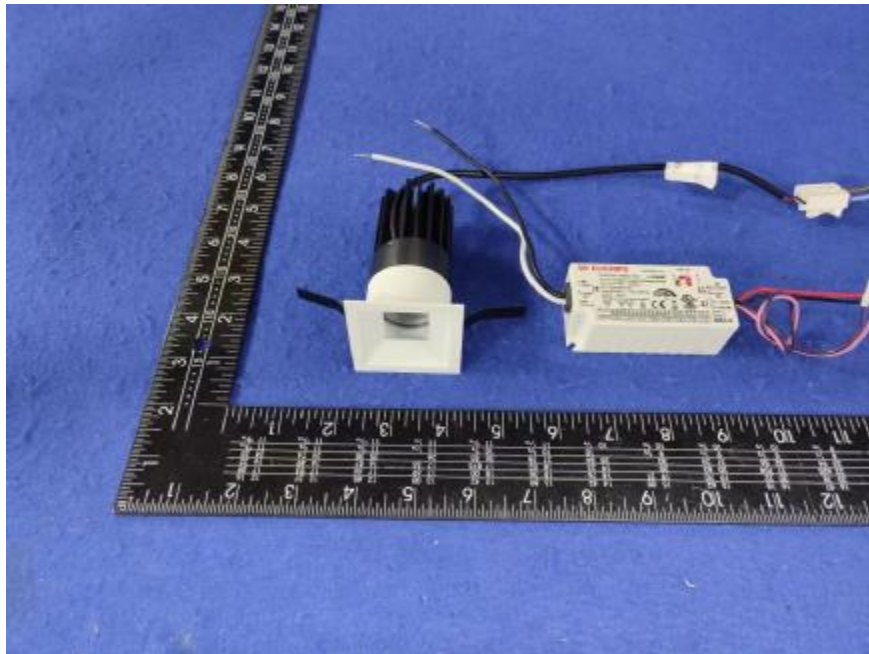


Luminaire Photograph



Light Output Ratio:	47.1%	
Luminaire Power:	11.24 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: 2024-1-4

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-100Z-A-23 Ra:90
LENS: PM-1103B 36R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

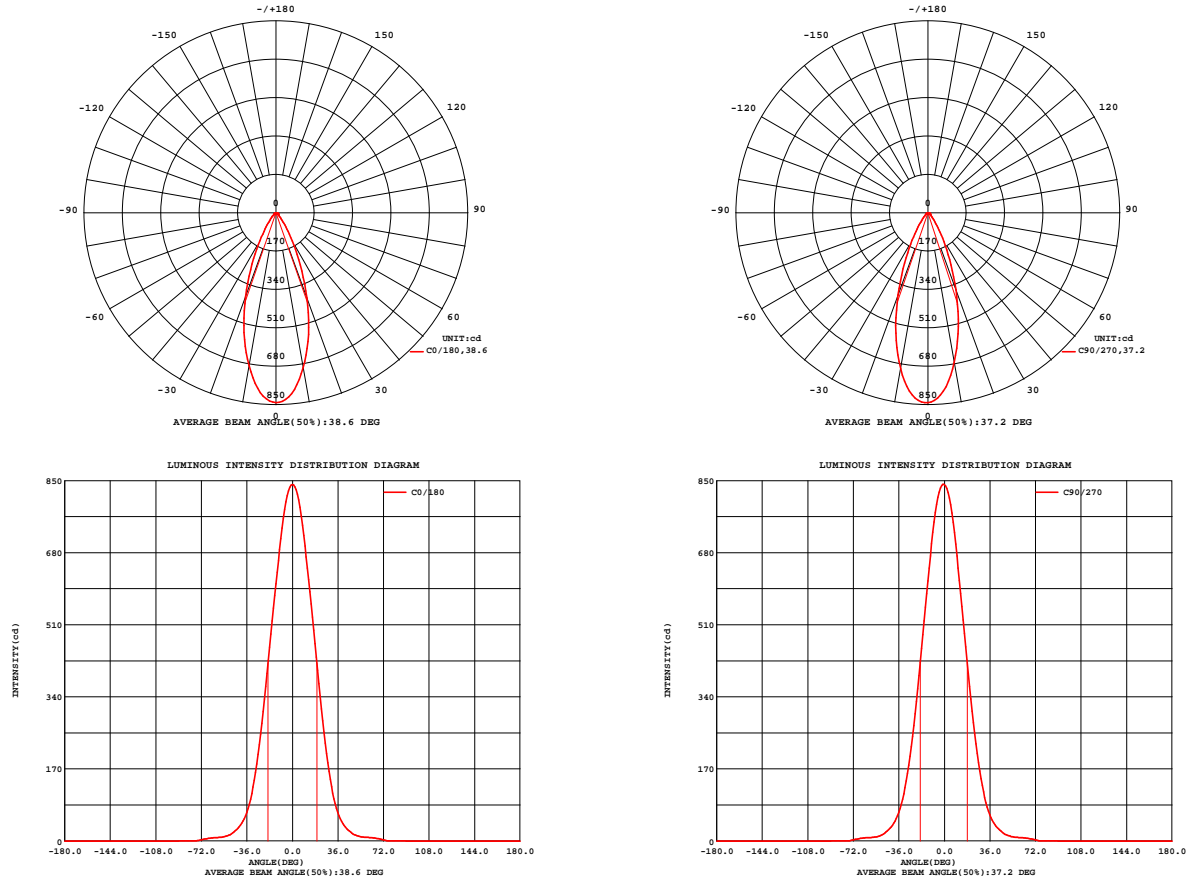


Fig. C0/C180

Fig. C90/C270

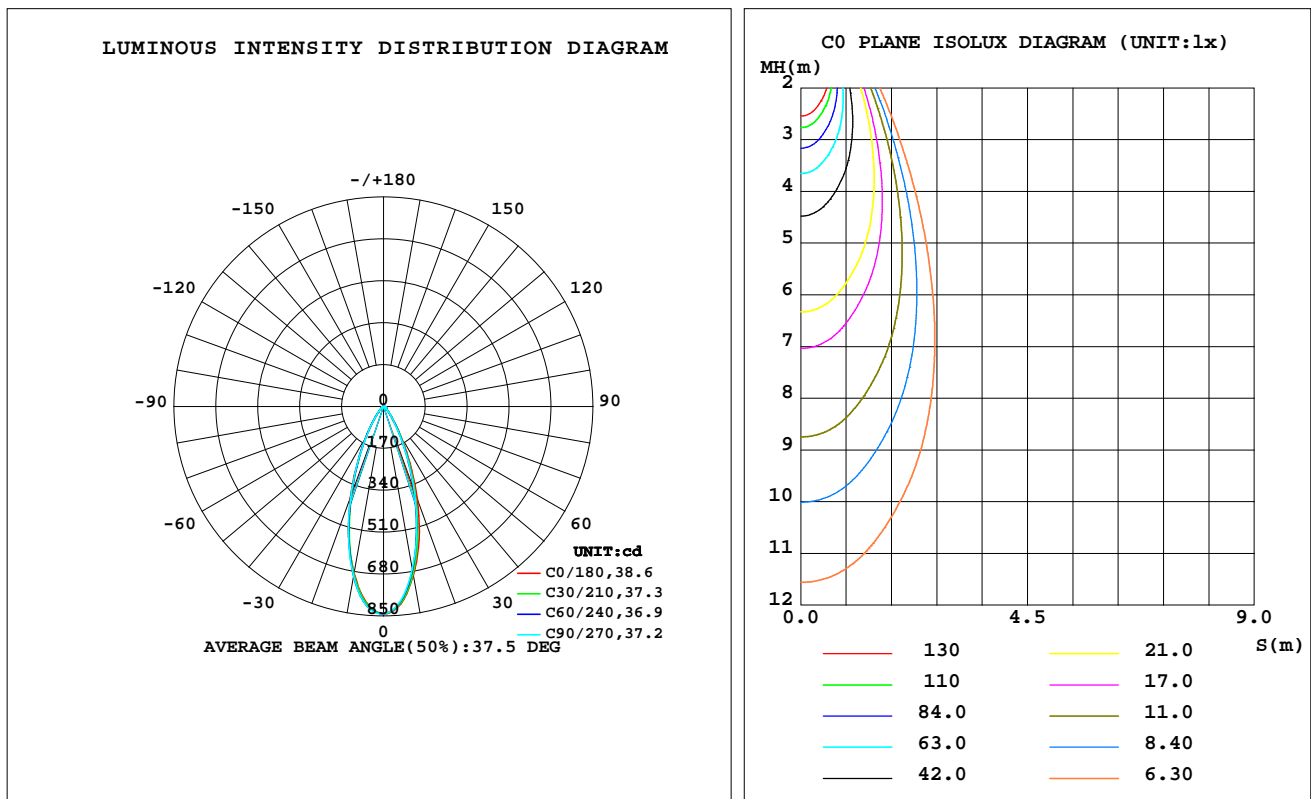
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: zoe
Test Date: 2024-1-4

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-100Z-A-23 Ra: 90
LENS: PM-1103B 36R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 37.27 lm/W			
MODEL	Bridgelux	I _{max} (cd)	841.2	S/MH(C0/180)	0.62
NOMINAL POWER(W)	11	LOR(%)	47.1	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	418.77	η UP,DN(C0-180)	0.0,23.2
NOMINAL FLUX(lm)	889.25	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,23.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	47.1	CIBSE SHR MAX	0.65



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
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	695.8	683.3	672.2	676.6	687.6	696.7	700.7	702.0	0- 10	72.92	72.92	17.4,8.2
20	402.5	369.0	364.6	366.2	395.1	381.7	389.7	385.9	10- 20	147.6	220.5	52.7,24.8
30	145.1	135.9	130.6	137.9	143.4	143.6	141.7	142.2	20- 30	111.4	331.9	79.2,37.3
40	41.04	40.36	38.69	41.64	41.55	42.78	41.52	41.36	30- 40	49.71	381.6	91.1,42.9
50	13.64	14.45	13.40	14.97	13.78	14.70	13.19	14.49	40- 50	19.04	400.6	95.7,45.1
60	8.382	8.618	8.182	8.691	8.195	8.266	7.945	8.670	50- 60	9.363	410.0	97.9,46.1
70	4.151	4.716	4.048	4.761	4.077	4.458	3.948	4.652	60- 70	6.748	416.7	99.5,46.9
80	0.3828	0.4034	0.3929	0.4242	0.3984	0.4047	0.3792	0.3875	70- 80	1.861	418.6	100,47.1
90	0	0	0	0	0	0	0	0	80- 90	0.1863	418.8	100,47.1
100	0	0	0	0	0	0	0	0	90-100	0	418.8	100,47.1
110	0	0	0	0	0	0	0	0	100-110	0	418.8	100,47.1
120	0	0	0	0	0	0	0	0	110-120	0	418.8	100,47.1
130	0	0	0	0	0	0	0	0	120-130	0	418.8	100,47.1
140	0	0	0	0	0	0	0	0	130-140	0	418.8	100,47.1
150	0	0	0	0	0	0	0	0	140-150	0	418.8	100,47.1
160	0	0	0	0	0	0	0	0	150-160	0	418.8	100,47.1
170	0	0	0	0	0	0	0	0	160-170	0	418.8	100,47.1
180	0	0	0	0	0	0	0	0	170-180	0	418.8	100,47.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz
Lamp Flux:889.25x1 lm

NAME: 2218.117-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

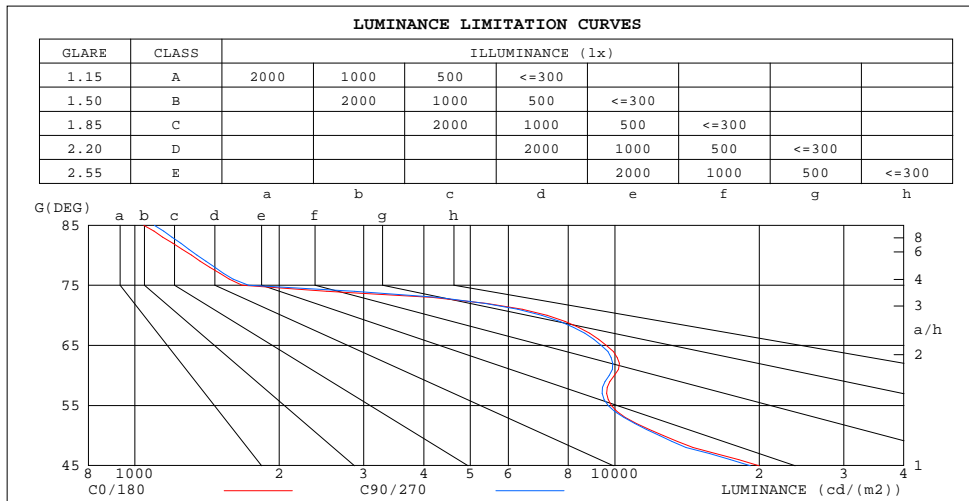
DIM.:

SERIAL No.: 2401040011

MFR.: RISE

SUR.: 0.001681m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	1044	1099
80	1312	1346
75	1672	1725
70	2226	2343
65	2960	3167
60	3980	4237
55	5339	5683
50	7261	7710
45	9959	10644

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz
Lamp Flux:889.25x1 lm

NAME: 2218.117-LEA-09B-DW

TYPE:

WEIGHT:

SPEC.: 3000K

DIM.:

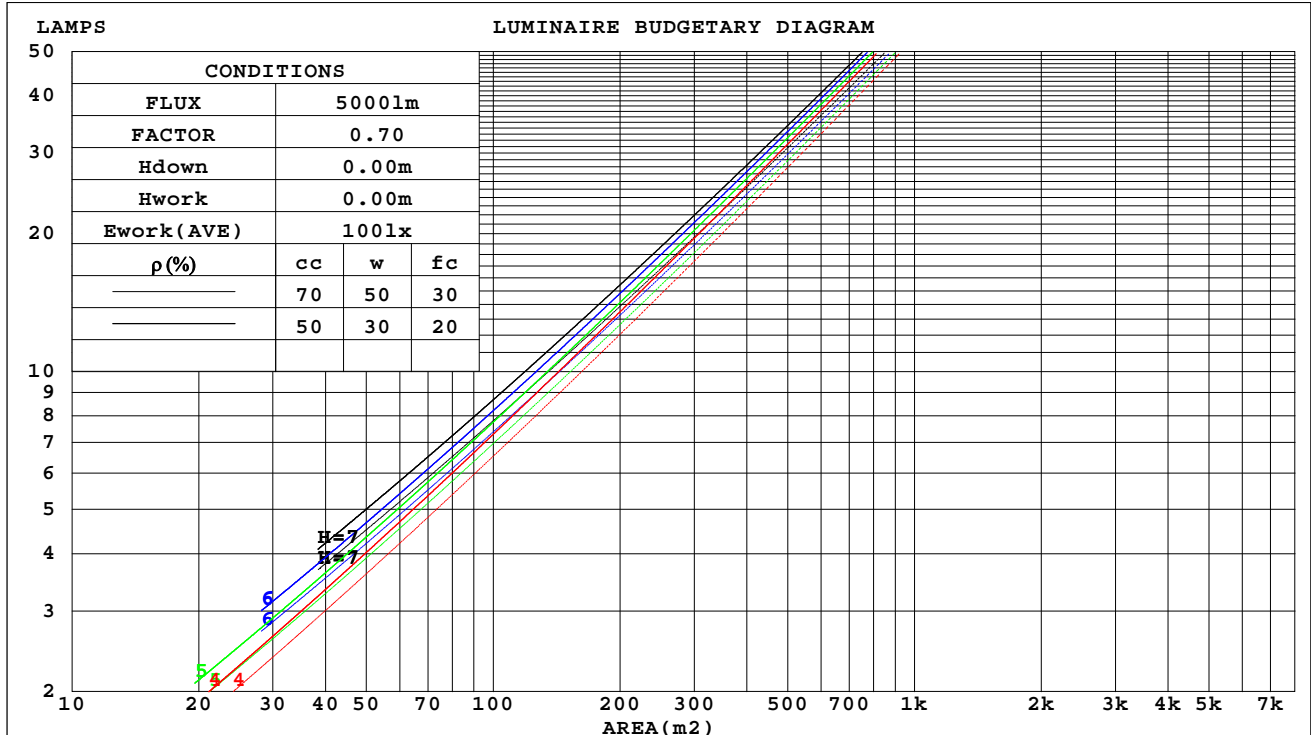
SERIAL No.: 2401040011

MFR.: RISE

SUR.: 0.001681m2

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	.56	.56	.56	.55	.55	.55	.52	.52	.52	.50	.50	.50	.48	.48	.48	.47
1.0	.52	.51	.50	.51	.50	.49	.49	.49	.48	.48	.47	.46	.46	.46	.45	.44
2.0	.49	.47	.46	.48	.46	.45	.47	.45	.44	.45	.44	.43	.44	.43	.42	.41
3.0	.46	.44	.42	.45	.43	.42	.44	.42	.41	.43	.41	.40	.42	.41	.40	.39
4.0	.43	.41	.39	.43	.40	.39	.42	.40	.38	.41	.39	.38	.40	.39	.37	.37
5.0	.41	.38	.36	.40	.38	.36	.40	.38	.36	.39	.37	.36	.38	.37	.35	.35
6.0	.39	.36	.34	.38	.36	.34	.38	.35	.34	.37	.35	.34	.36	.35	.33	.33
7.0	.37	.34	.32	.36	.34	.32	.36	.34	.32	.35	.33	.32	.35	.33	.32	.31
8.0	.35	.32	.31	.35	.32	.31	.34	.32	.30	.34	.32	.30	.33	.32	.30	.30
9.0	.33	.31	.29	.33	.31	.29	.33	.31	.29	.32	.30	.29	.32	.30	.29	.28
10.0	.32	.29	.28	.32	.29	.28	.31	.29	.28	.31	.29	.28	.31	.29	.28	.27



C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:zoe

Test Date:2024-1-4

 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-100Z-A-23 Ra:90

LENS:PM-1103B 36R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

WEC AND CCEC

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
MFR.: RISE	SUR.: 0.001681m2	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	.081	.046	.015	.078	.044	.014	.072	.041	.013	.066	.038	.012	.061	.035	.011		
2.0	.077	.042	.013	.074	.041	.013	.069	.038	.012	.065	.036	.011	.060	.034	.011		
3.0	.073	.039	.012	.070	.038	.011	.066	.036	.011	.062	.034	.010	.059	.032	.010		
4.0	.069	.036	.010	.067	.035	.010	.063	.033	.010	.060	.032	.010	.057	.031	.009		
5.0	.065	.033	.010	.063	.032	.009	.060	.031	.009	.057	.030	.009	.055	.029	.009		
6.0	.062	.031	.009	.060	.030	.009	.057	.029	.009	.055	.029	.008	.053	.028	.008		
7.0	.059	.029	.008	.057	.029	.008	.055	.028	.008	.053	.027	.008	.051	.026	.008		
8.0	.056	.027	.008	.055	.027	.008	.053	.026	.008	.051	.026	.007	.049	.025	.007		
9.0	.053	.026	.007	.052	.026	.007	.051	.025	.007	.049	.024	.007	.047	.024	.007		
10.0	.051	.025	.007	.050	.024	.007	.049	.024	.007	.047	.023	.007	.045	.023	.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	.090	.090	.090	.077	.077	.077	.052	.052	.052	.030	.030	.030	.010	.010	.010	
1.0	.080	.074	.068	.069	.064	.059	.047	.044	.041	.027	.025	.024	.009	.008	.008	
2.0	.073	.062	.053	.063	.054	.046	.043	.037	.032	.025	.022	.019	.008	.007	.006	
3.0	.067	.053	.043	.057	.046	.037	.039	.032	.026	.023	.019	.015	.007	.006	.005	
4.0	.062	.046	.035	.053	.040	.030	.036	.028	.021	.021	.016	.013	.007	.005	.004	
5.0	.058	.041	.029	.049	.035	.025	.034	.025	.018	.020	.015	.010	.006	.005	.003	
6.0	.054	.036	.024	.046	.032	.021	.032	.022	.015	.019	.013	.009	.006	.004	.003	
7.0	.051	.033	.020	.044	.028	.018	.030	.020	.013	.017	.012	.007	.006	.004	.002	
8.0	.048	.030	.018	.041	.026	.015	.028	.018	.011	.017	.011	.006	.005	.004	.002	
9.0	.045	.027	.015	.039	.024	.013	.027	.017	.009	.016	.010	.006	.005	.003	.002	
10.0	.043	.025	.013	.037	.022	.012	.026	.015	.008	.015	.009	.005	.005	.003	.002	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm										
NAME: 2218.117-LEA-09B-DW					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2401040011		
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	17.9	18.8	18.2	19.0	19.1	17.6	18.5	17.8	18.6	18.8
3H	18.4	19.2	18.7	19.4	19.6	18.1	18.9	18.3	19.1	19.3
4H	18.4	19.2	18.7	19.4	19.6	18.1	18.8	18.4	19.1	19.3
6H	18.3	19.0	18.6	19.3	19.5	18.0	18.7	18.3	19.0	19.2
8H	18.3	19.0	18.6	19.2	19.5	18.0	18.7	18.3	18.9	19.2
12H	18.2	18.9	18.6	19.2	19.4	17.9	18.6	18.2	18.9	19.1
4H 2H	18.1	18.9	18.4	19.1	19.3	17.8	18.6	18.1	18.8	19.0
3H	18.7	19.4	19.0	19.6	19.9	18.4	19.1	18.7	19.3	19.6
4H	18.7	19.3	19.0	19.6	19.9	18.4	19.0	18.8	19.3	19.6
6H	18.6	19.2	19.0	19.5	19.8	18.3	18.9	18.7	19.2	19.5
8H	18.6	19.1	19.0	19.4	19.8	18.3	18.8	18.7	19.1	19.5
12H	18.5	19.0	18.9	19.4	19.7	18.2	18.7	18.7	19.1	19.5
8H 4H	18.6	19.1	19.0	19.5	19.8	18.3	18.8	18.7	19.2	19.6
6H	18.5	19.0	19.0	19.4	19.8	18.3	18.7	18.7	19.1	19.5
8H	18.5	18.9	18.9	19.3	19.7	18.2	18.6	18.7	19.0	19.4
12H	18.5	18.8	18.9	19.2	19.7	18.2	18.5	18.6	18.9	19.4
12H 4H	18.6	19.0	19.0	19.4	19.8	18.3	18.8	18.7	19.1	19.5
6H	18.5	18.9	18.9	19.3	19.7	18.2	18.6	18.7	19.0	19.4
8H	18.4	18.8	18.9	19.2	19.7	18.2	18.5	18.6	18.9	19.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.6 / - 2.1					+ 1.4 / - 2.0				
1.5H	+ 2.8 / - 1.9					+ 2.6 / - 1.7				
2.0H	+ 2.1 / - 1.2					+ 2.0 / - 1.1				

CIE Pub.117, 889.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
Area: 0.001681 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

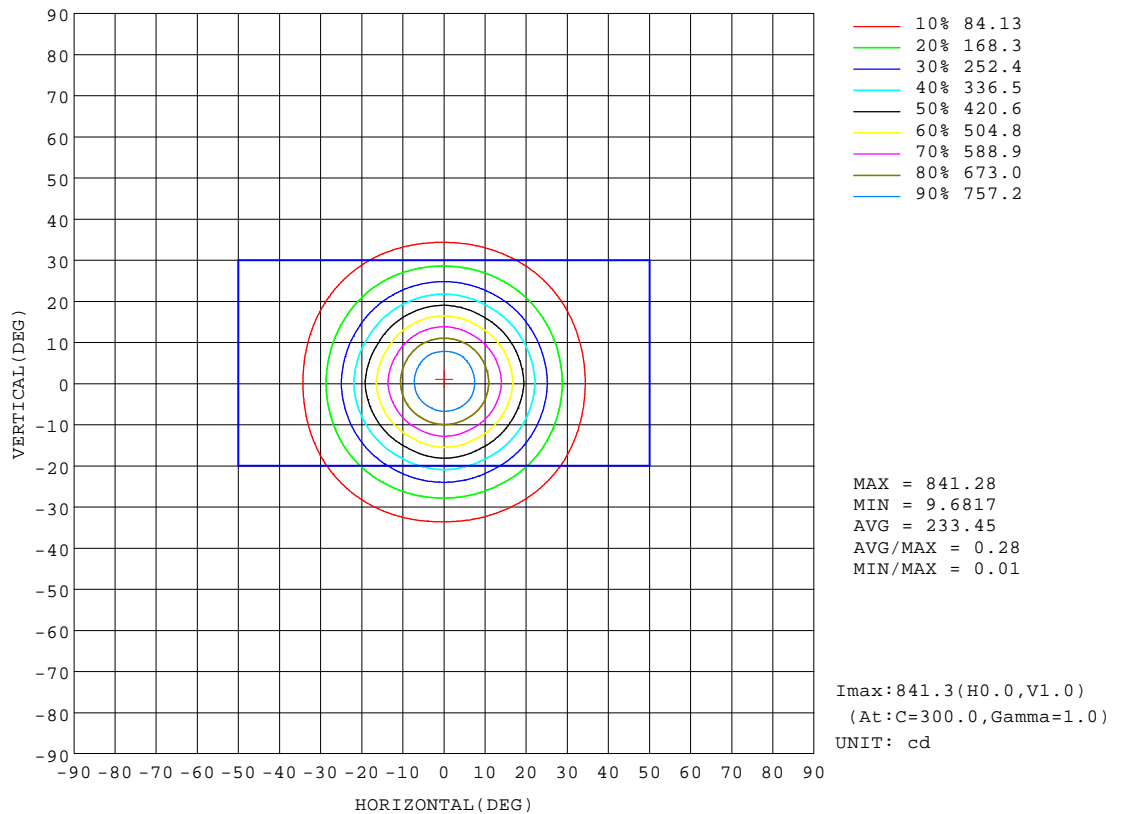
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	41	37	36	40	37	36	40	37	35	34
0.80	44	41	39	44	41	39	43	41	39	37
1.00	46	43	42	46	43	42	45	43	41	39
1.25	48	46	44	48	45	44	47	45	43	41
1.50	49	47	46	49	47	45	48	46	45	43
2.00	51	49	47	50	48	47	49	47	46	44
2.50	52	50	48	51	49	48	49	48	47	44
3.00	52	51	49	52	50	49	50	49	48	45
4.00	53	52	51	52	51	50	51	50	49	46
5.00	54	53	52	53	52	51	51	51	50	46
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:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

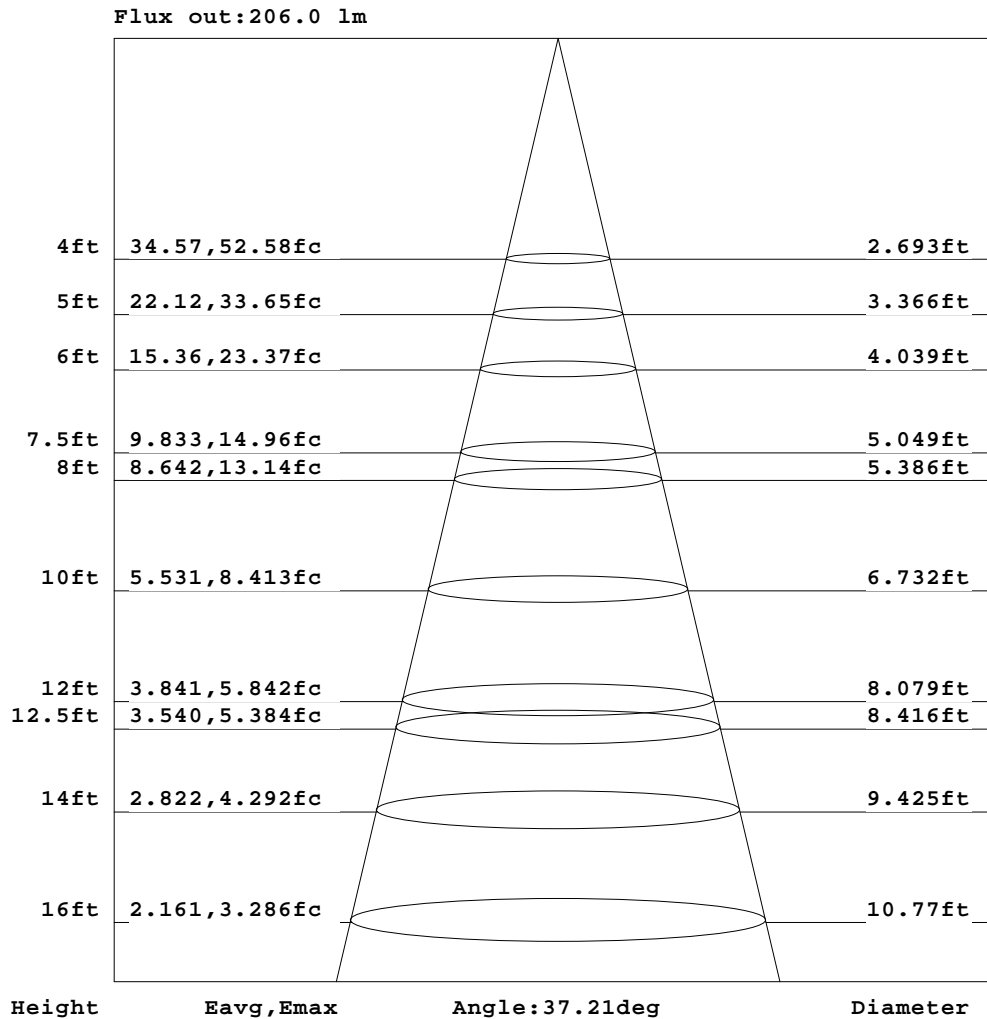


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

AAI Figure

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:



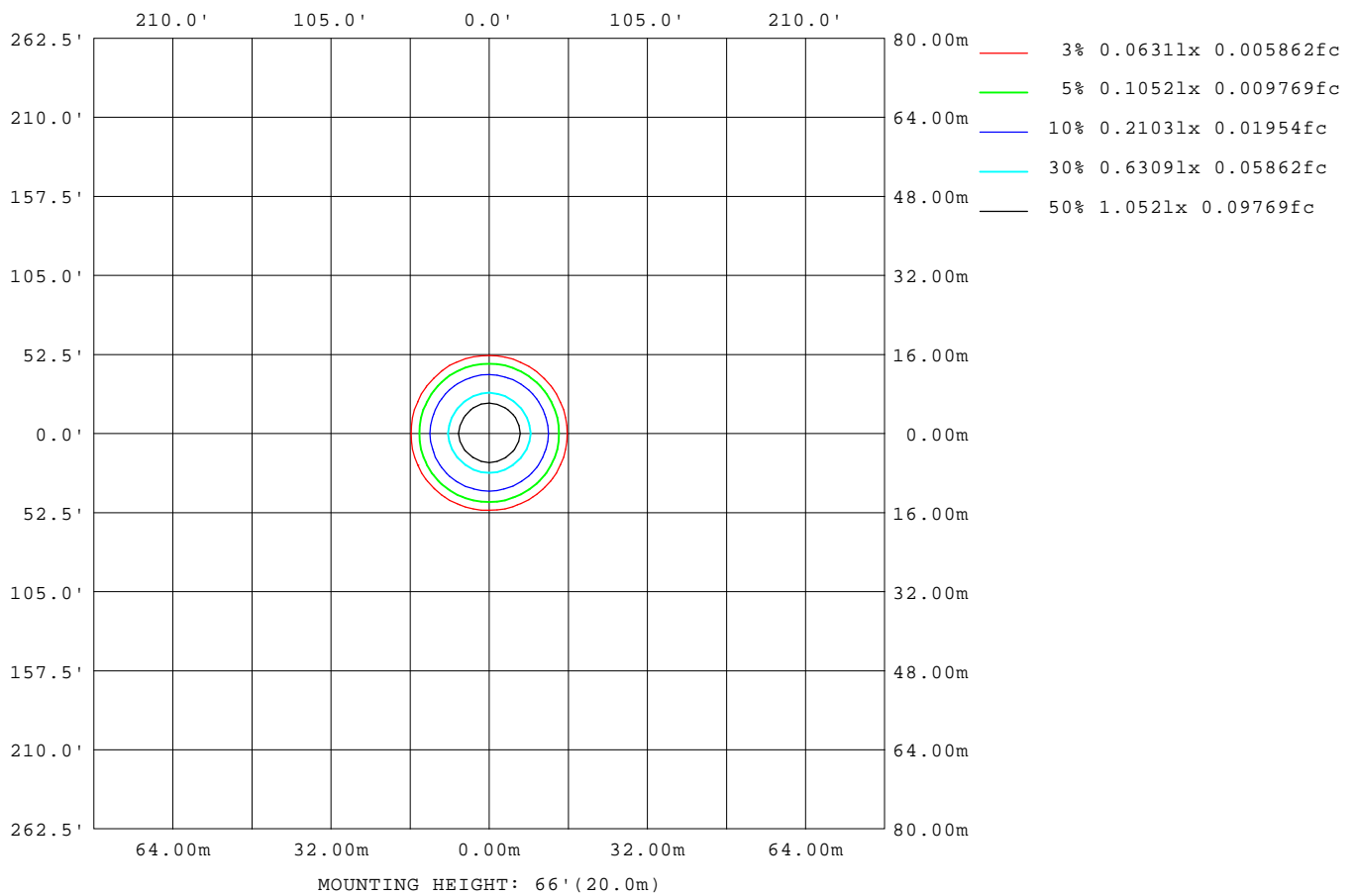
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: zoe
Test Date: 2024-1-4

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-100Z-A-23 Ra:90
LENS: PM-1103B 36R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
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:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
30minutes warm-up

LED Avg.L Report

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

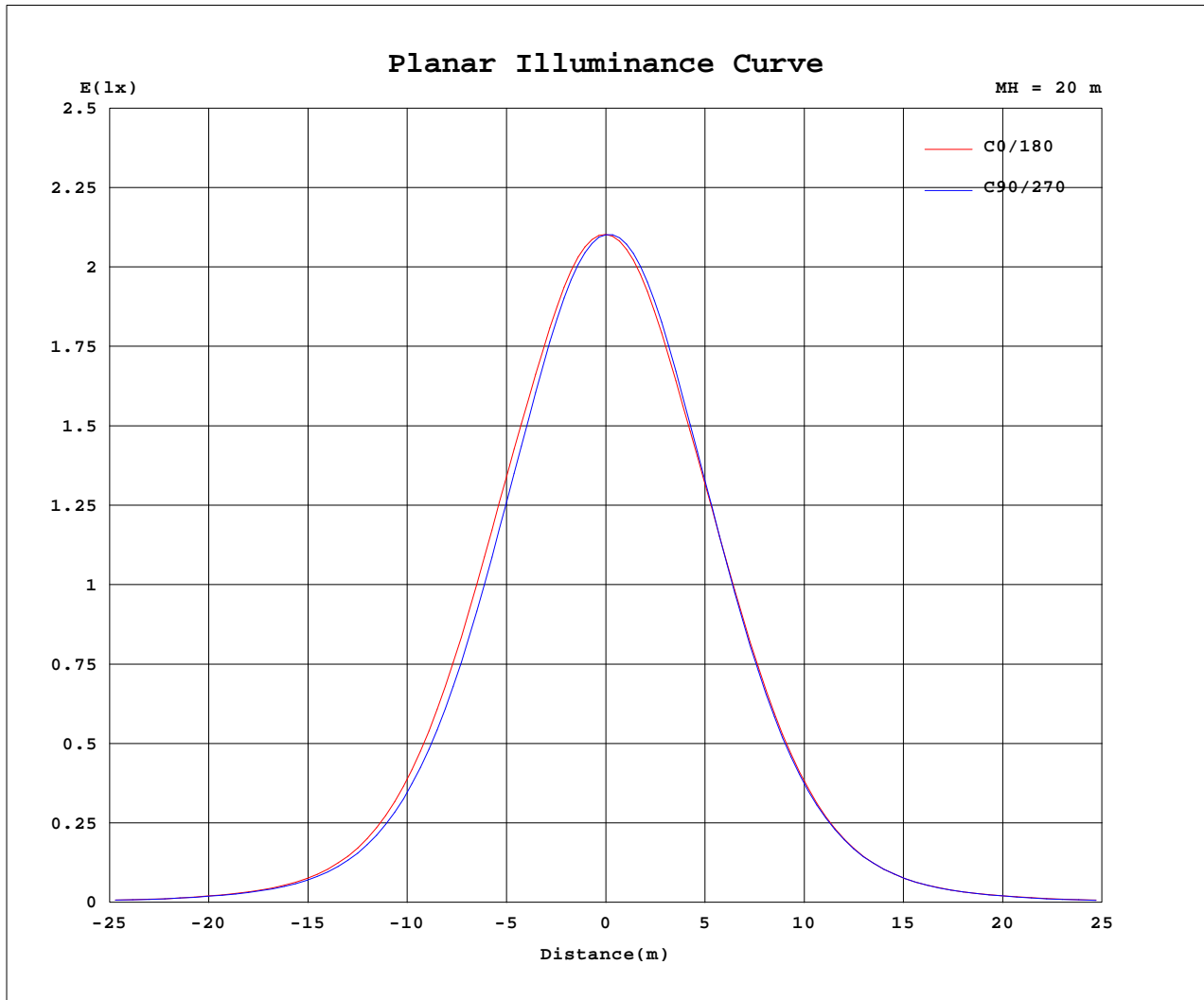
AvgL	cd/m2
L_0~180(65)av	9494
L_0~180(75)av	1725
L_0~180(85)av	1057
L_90~270(65)av	9264
L_90~270(75)av	1714
L_90~270(85)av	1048
L_45(65)av	10310
L_45(75)av	3913
L_45(85)av	1072

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:zoe
Test Date:2024-1-4

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-100Z-A-23 Ra:90
LENS:PM-1103B 36R+DIFFUSER
DRIVER:PUP10A-1WMC-700 500mA
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: 2024-1-4

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-100Z-A-23 Ra: 90
 LENS: PM-1103B 36R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up



LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.19V I:0.0946A P:11.237W PF:0.9867 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: 2218.117-LEA-09B-DW	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401040011
MFR.: RISE	SUR.: 0.001681m2	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	841	841	841	841	841	841	841	841	841	841	841	841						
5	804	801	795	793	792	796	799	803	809	810	812	808						
10	696	690	676	672	672	681	688	692	702	701	705	699						
15	559	539	520	521	515	532	549	539	547	552	545	553						
20	403	378	360	365	358	375	395	380	384	390	381	391						
25	256	241	227	229	229	240	251	244	246	246	244	248						
30	145	140	132	131	135	141	143	143	145	142	142	143						
35	76.9	76.5	72.1	70.5	74.5	77.8	76.8	78.4	79.6	76.6	77.1	77.3						
40	41.0	41.4	39.3	38.7	40.9	42.4	41.6	42.5	43.1	41.5	41.5	41.3						
45	23.7	23.6	22.6	22.7	23.6	24.4	24.4	24.1	24.2	23.9	23.5	23.3						
50	13.6	14.8	14.1	13.4	14.8	15.1	13.8	15.0	14.4	13.2	14.6	14.4						
55	9.48	10.7	10.3	9.33	10.7	10.7	9.50	10.5	9.95	9.08	10.5	10.4						
60	8.38	8.78	8.46	8.18	8.71	8.67	8.20	8.46	8.07	7.95	8.68	8.66						
65	6.81	7.50	7.18	6.65	7.35	7.32	6.68	7.09	6.82	6.51	7.40	7.35						
70	4.15	4.77	4.66	4.05	4.68	4.84	4.08	4.42	4.50	3.95	4.62	4.69						
75	0.73	1.70	1.47	0.75	1.74	1.72	0.77	1.63	1.54	0.74	1.60	1.37						
80	0.38	0.40	0.40	0.39	0.42	0.43	0.40	0.41	0.40	0.38	0.39	0.38						
85	0.15	0.16	0.16	0.16	0.17	0.17	0.16	0.15	0.15	0.15	0.14	0.15						
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
Test Date:2024-1-4

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