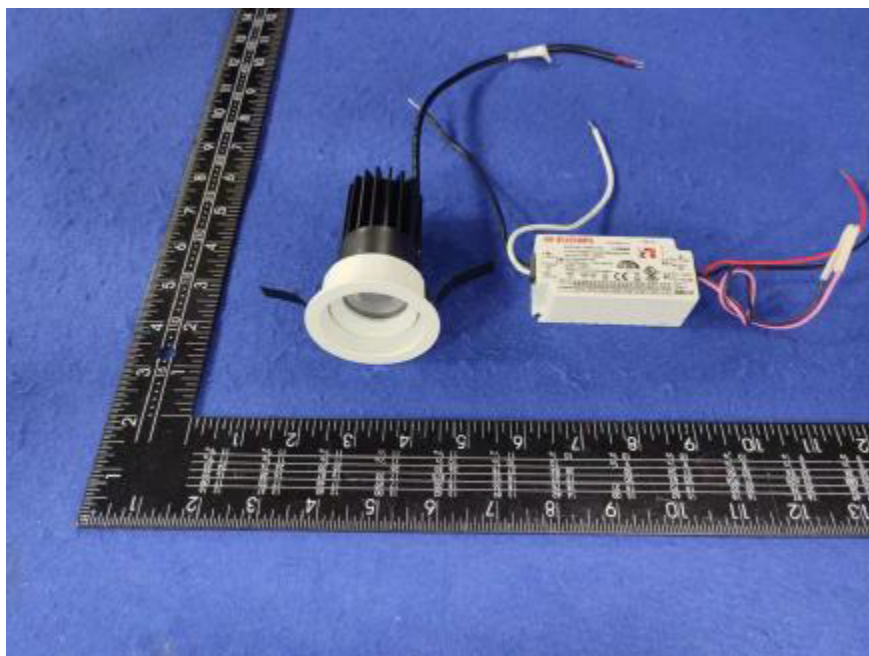


Photometric report for Flanged and Flangeless Trim



Light Output Ratio:	64.3%	
Luminaire Power:	11.33 W	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.50	fine grid method.

C Range: 0 - 360DEG
C Interval: For a lens beam angle of 24°
Test Speed: HIGH
Temperature: 77.54°F
Operators: zoe
Test Date: 2023-12-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 124.409" [K=1.0000]
Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra: 90
LENS: PM-1103A 24R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

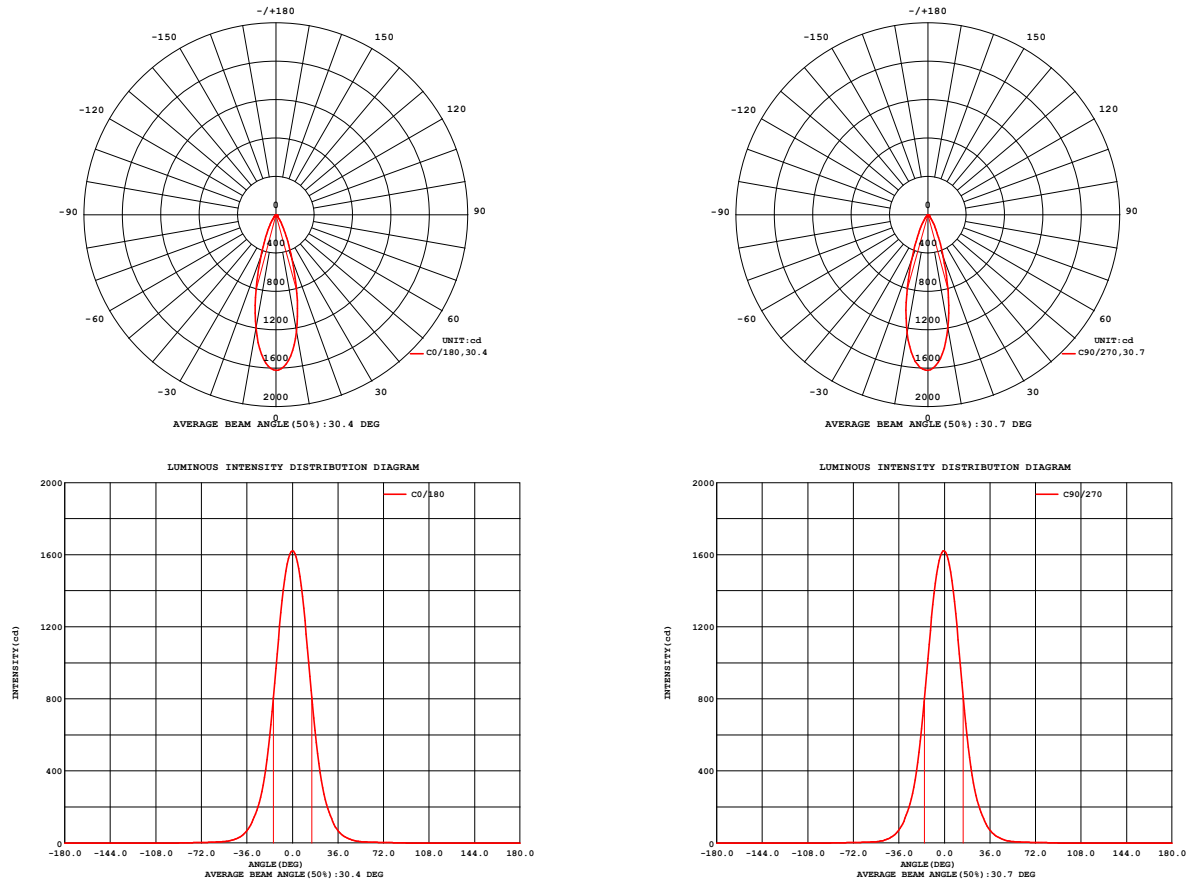


Fig. C0/C180

Fig. C90/C270

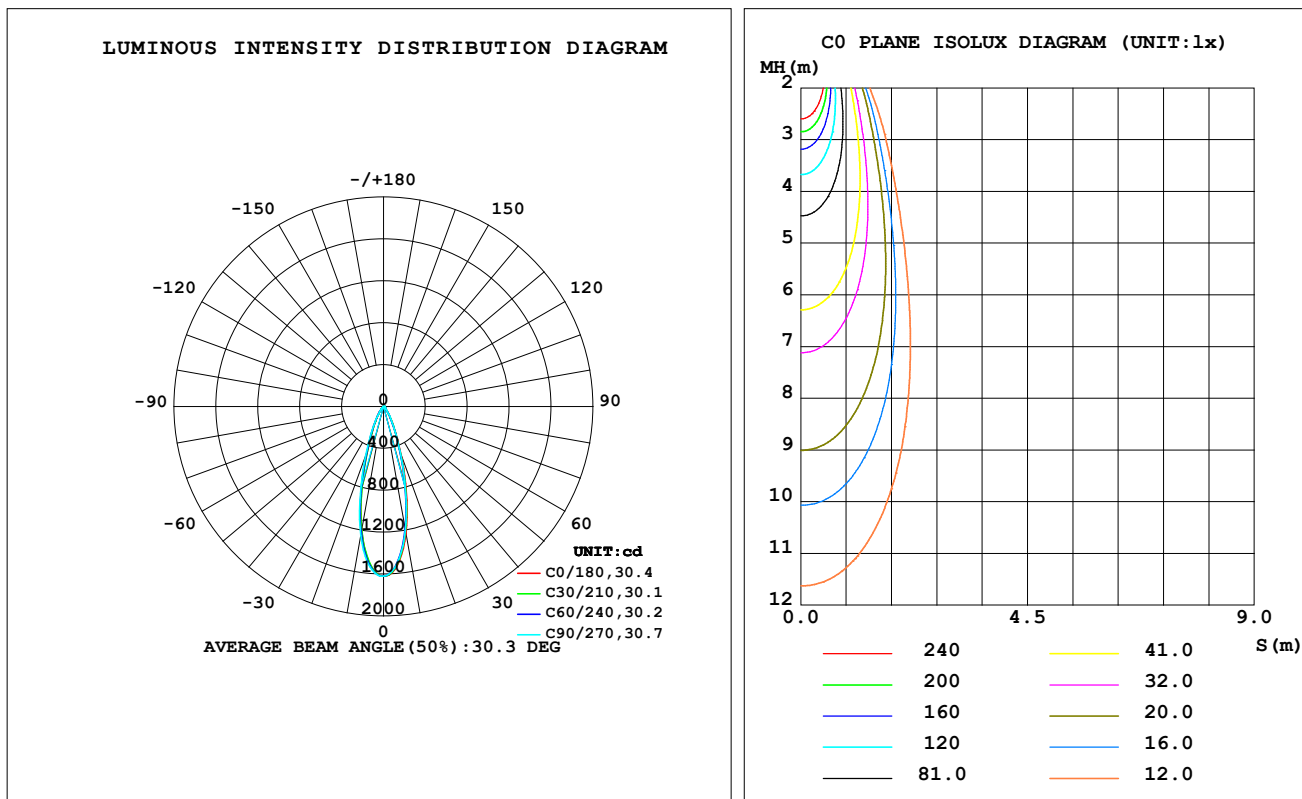
C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2023-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 124.409" [K=1.0000]
 Remarks: LAMP: BXR-V-DR-1830G-100Z-A-23 Ra: 90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m ²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 50.71 lm/W			
MODEL	Bridgelux	I _{max} (cd)	1621	S/MH (C0/180)	0.50
NOMINAL POWER (W)	11	LOR (%)	64.3	S/MH (C90/270)	0.52
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	574.33	☒ UP, DN (C0-180)	0.0, 32.0
NOMINAL FLUX (lm)	893.4	CIE CLASS	DIRECT	☒ UP, DN (C180-360)	0.0, 32.2
LAMPS INSIDE	1	☒ up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	☒ down (%)	64.3	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-25

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461

Humidity: 65.0%

Test Distance: 124.409" [K=1.0000]

Remarks: LAMP: BXR-V-DR-1830G-100Z-A-23 Ra: 90

LENS: PM-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

ZONAL FLUX DIAGRAM
ZONAL FLUX DIAGRAM:

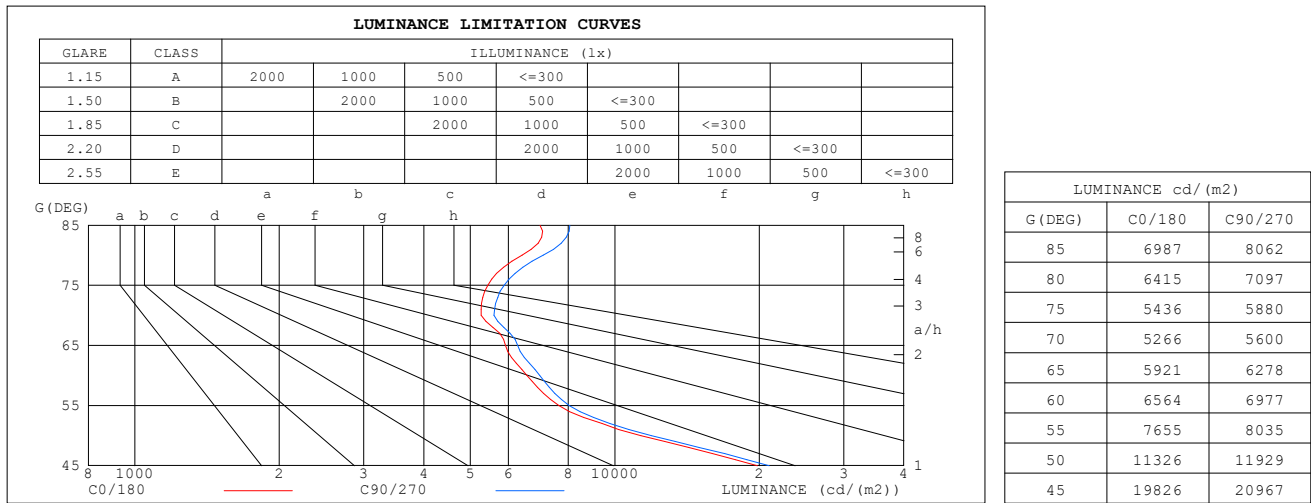
°	C0	C45	C90	C135	C180	C225	C270	C315	°	zone	total	%lum,lamp
10	1233	1200	1201	1224	1205	1215	1253	1257	0- 10	135.3	135.3	23.6,15.1
20	496.3	472.3	474.5	488.4	462.5	467.5	502.8	515.1	10- 20	226.7	362.0	63,40.5
30	152.4	146.2	151.6	156.8	144.3	144.8	155.4	162.9	20- 30	127.2	489.2	85.2,54.8
40	41.22	40.42	43.98	45.64	40.11	38.74	41.72	44.55	30- 40	53.11	542.3	94.4,60.7
50	11.57	11.74	12.19	12.42	11.39	10.64	10.68	11.14	40- 50	18.13	560.5	97.6,62.7
60	5.214	5.342	5.546	5.629	5.351	5.001	4.928	5.068	50- 60	6.637	567.1	98.7,63.5
70	2.861	2.974	3.045	2.950	2.726	2.583	2.599	2.714	60- 70	3.926	571.0	99.4,63.9
80	1.770	1.888	1.959	1.863	1.674	1.543	1.552	1.642	70- 80	2.341	573.4	99.8,64.2
90	0	0	0	0	0	0	0	0	80- 90	0.9605	574.3	100,64.3
100	0	0	0	0	0	0	0	0	90-100	0	574.3	100,64.3
110	0	0	0	0	0	0	0	0	100-110	0	574.3	100,64.3
120	0	0	0	0	0	0	0	0	110-120	0	574.3	100,64.3
130	0	0	0	0	0	0	0	0	120-130	0	574.3	100,64.3
140	0	0	0	0	0	0	0	0	130-140	0	574.3	100,64.3
150	0	0	0	0	0	0	0	0	140-150	0	574.3	100,64.3
160	0	0	0	0	0	0	0	0	150-160	0	574.3	100,64.3
170	0	0	0	0	0	0	0	0	160-170	0	574.3	100,64.3
180	0	0	0	0	0	0	0	0	170-180	0	574.3	100,64.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval:For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature:77.54°F
 Operators:zoe
 Test Date:2023-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:124.409" [K=1.0000]
 Remarks: LAMP:BXRV-DR-1830G-100Z-A-23 Ra:90
 LENS:PM-1103A 24R+DIFFUSER
 DRIVER:PUP10A-1WMC-700 500mA
 30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	Shielding Angle:

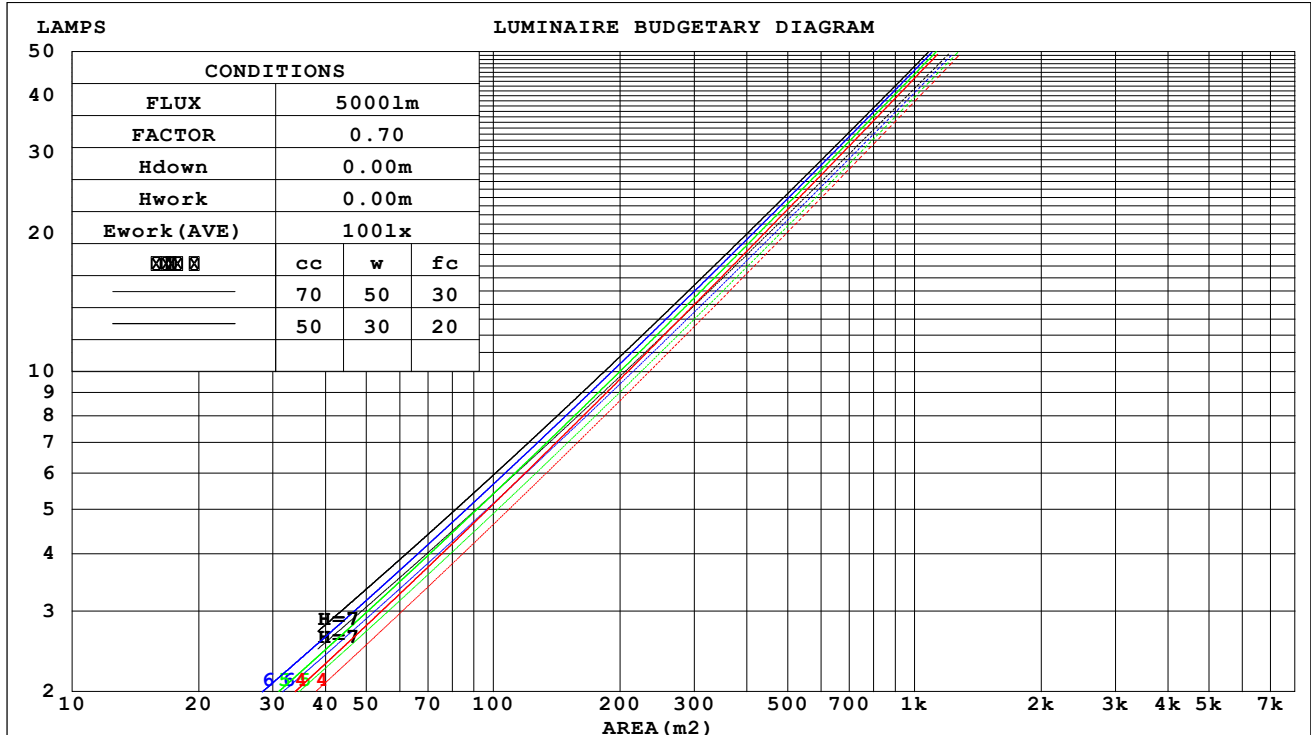


C Range: 0 - 360DEG C Interval: For a lens beam angle of 24° Test Speed: HIGH Temperature: 77.54°F Operators: zoe Test Date: 2023-12-25	γ Range: 0 - 180DEG γ Interval: 1.0DEG Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461 Humidity: 65.0% Test Distance: 124.409" [K=1.0000] Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra:90 LENS: PM-1103A 24R+DIFFUSER DRIVER: PUP10A-1WMC-700 500mA 30minutes warm-up
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	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: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-25

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461

Humidity: 65.0%

Test Distance: 124.409" [K=1.0000]

Remarks: LAMP: BXR-V-DR-1830G-100Z-A-23 Ra: 90

LENS: PM-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

WEC AND CCEC

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	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	.102	.058	.018	.098	.056	.018	.090	.052	.017	.083	.048	.015	.076	.044	.014	
2.0	.096	.053	.016	.093	.051	.016	.086	.048	.015	.080	.045	.014	.074	.042	.013	
3.0	.090	.048	.014	.087	.047	.014	.082	.044	.013	.076	.042	.013	.072	.040	.012	
4.0	.085	.044	.013	.083	.043	.013	.078	.041	.012	.073	.039	.012	.069	.038	.011	
5.0	.080	.041	.012	.078	.040	.012	.074	.039	.011	.070	.037	.011	.067	.036	.011	
6.0	.076	.038	.011	.074	.038	.011	.071	.036	.011	.067	.035	.010	.064	.034	.010	
7.0	.073	.036	.010	.071	.035	.010	.068	.034	.010	.065	.033	.010	.062	.032	.009	
8.0	.069	.034	.010	.068	.033	.009	.065	.032	.009	.062	.032	.009	.060	.031	.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	

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	.122	.122	.122	.105	.105	.105	.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	.099	.085	.074	.084	.073	.064	.058	.051	.045	.033	.030	.026	.011	.010	.009	
3.0	.090	.073	.060	.077	.063	.052	.053	.044	.036	.030	.026	.021	.010	.008	.007	
4.0	.082	.063	.049	.071	.055	.042	.049	.038	.030	.028	.022	.018	.009	.007	.006	
5.0	.076	.056	.040	.065	.048	.035	.045	.034	.025	.026	.020	.015	.008	.006	.005	
6.0	.071	.049	.034	.061	.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	.054	.035	.022	.037	.024	.015	.022	.014	.009	.007	.005	.003	
9.0	.059	.037	.022	.051	.032	.019	.035	.022	.013	.020	.013	.008	.007	.004	.003	
10.0	.056	.034	.019	.048	.029	.017	.033	.021	.012	.019	.012	.007	.006	.004	.002	

C Range: 0 - 360DEG

C Interval:For a lens beam angle of 24°

Test Speed: HIGH

Temperature:77.54°F

Operators:zoe

Test Date:2023-12-25

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461

Humidity:65.0%

Test Distance:124.409" [K=1.0000]

Remarks: LAMP:BXRV-DR-1830G-100Z-A-23 Ra:90

LENS:PM-1103A 24R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm										
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2312251375		
MFR.: MERCURY LIGHTING					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	16.4	17.2	16.6	17.4	17.5	16.5	17.3	16.7	17.5	17.6
3H	16.6	17.3	16.8	17.5	17.7	16.7	17.4	16.9	17.6	17.8
4H	16.7	17.3	16.9	17.6	17.8	16.8	17.5	17.1	17.7	17.9
6H	16.8	17.4	17.1	17.7	17.9	17.0	17.6	17.2	17.8	18.1
8H	16.9	17.5	17.2	17.8	18.0	17.1	17.7	17.4	17.9	18.2
12H	16.9	17.6	17.3	17.8	18.1	17.2	17.8	17.5	18.0	18.3
4H 2H	16.3	17.0	16.6	17.2	17.5	16.4	17.1	16.7	17.3	17.6
3H	16.6	17.2	16.9	17.5	17.7	16.7	17.3	17.0	17.6	17.8
4H	16.8	17.3	17.1	17.6	17.9	16.9	17.5	17.2	17.8	18.1
6H	17.0	17.5	17.4	17.9	18.2	17.2	17.7	17.6	18.0	18.4
8H	17.2	17.7	17.6	18.0	18.4	17.4	17.9	17.8	18.2	18.6
12H	17.3	17.8	17.7	18.1	18.5	17.6	18.0	18.0	18.4	18.7
8H 4H	16.8	17.3	17.2	17.6	18.0	16.9	17.4	17.3	17.7	18.1
6H	17.2	17.6	17.6	18.0	18.4	17.4	17.8	17.8	18.1	18.6
8H	17.5	17.8	17.9	18.2	18.7	17.7	18.0	18.1	18.4	18.9
12H	17.7	18.0	18.2	18.4	18.9	17.9	18.2	18.4	18.7	19.1
12H 4H	16.8	17.2	17.2	17.6	18.0	16.9	17.3	17.3	17.7	18.1
6H	17.2	17.6	17.7	18.0	18.4	17.4	17.7	17.9	18.2	18.6
8H	17.5	17.8	18.0	18.3	18.7	17.7	18.0	18.2	18.5	18.9
Variations with the observer position at spacings(CIE Pub.117) :										
S = 1.0H	+ 1.7 / - 1.9					+ 1.7 / - 1.9				
1.5H	+ 3.1 / - 1.8					+ 3.2 / - 1.8				
2.0H	+ 2.3 / - 0.9					+ 2.4 / - 0.8				

CIE Pub.117, 893.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
 Area: 0.00158963 m2

C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2023-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 124.409" [K=1.0000]
 Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra: 90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	Shielding Angle:

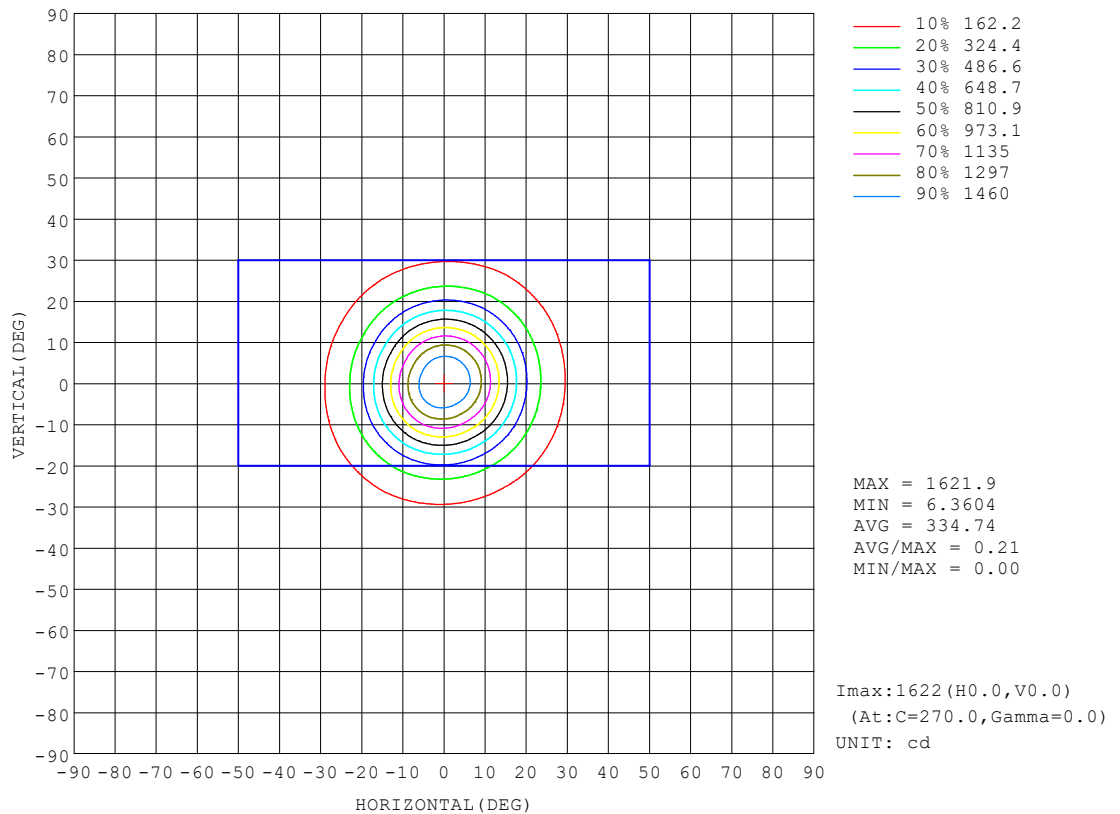
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	53	50	56	53	50	56	52	50	48
0.80	61	58	55	61	57	55	60	57	55	53
1.00	64	61	58	64	60	58	63	60	58	55
1.25	67	63	61	66	63	61	65	62	60	58
1.50	68	65	63	67	65	63	66	64	62	59
2.00	70	67	65	69	67	65	67	65	64	60
2.50	71	69	67	70	68	66	68	66	65	61
3.00	72	70	68	71	69	67	69	67	66	62
4.00	73	71	70	72	70	69	70	68	67	63
5.00	74	73	71	73	71	70	70	69	68	64
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2023-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 124.409" [K=1.0000]
 Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra:90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	Shielding Angle:



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-25

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461

Humidity: 65.0%

Test Distance: 124.409" [K=1.0000]

Remarks: LAMP: BXR-V-DR-1830G-100Z-A-23 Ra: 90

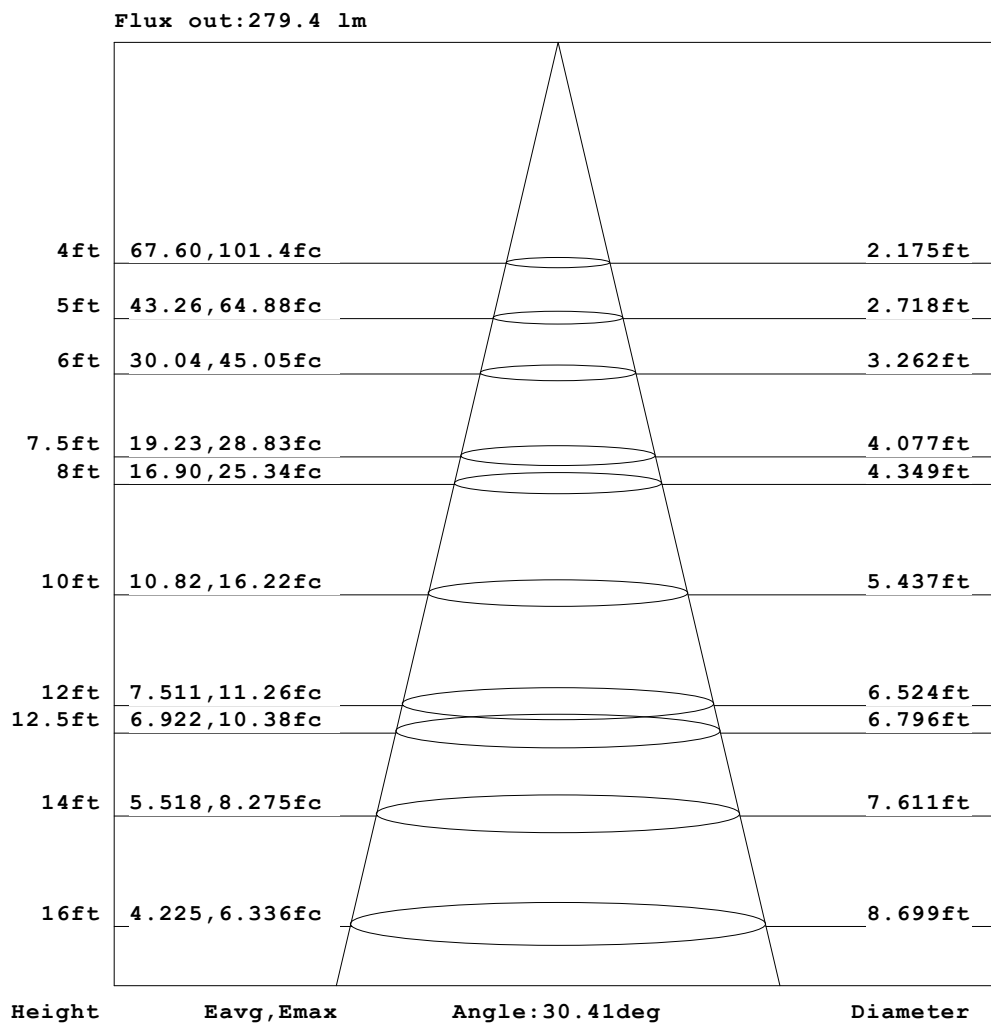
LENS: PM-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

AAI Figure

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	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: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-25

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461

Humidity: 65.0%

Test Distance: 124.409" [K=1.0000]

Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra: 90

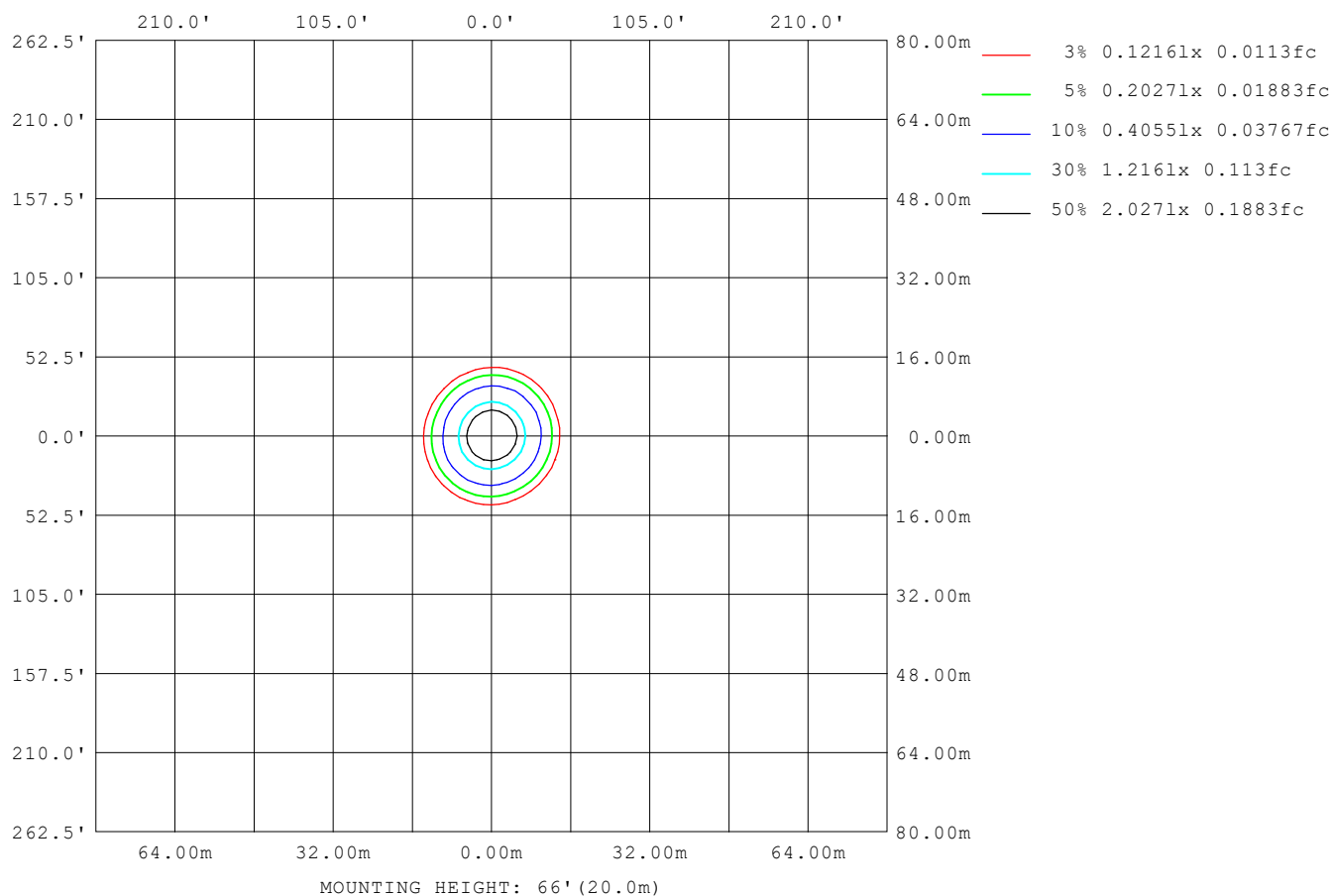
LENS: PM-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

ISOLUX DIAGRAM

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	Shielding Angle:



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-25

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461

Humidity: 65.0%

Test Distance: 124.409" [K=1.0000]

Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra: 90

LENS: PM-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

LED Avg.L Report

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	Shielding Angle:

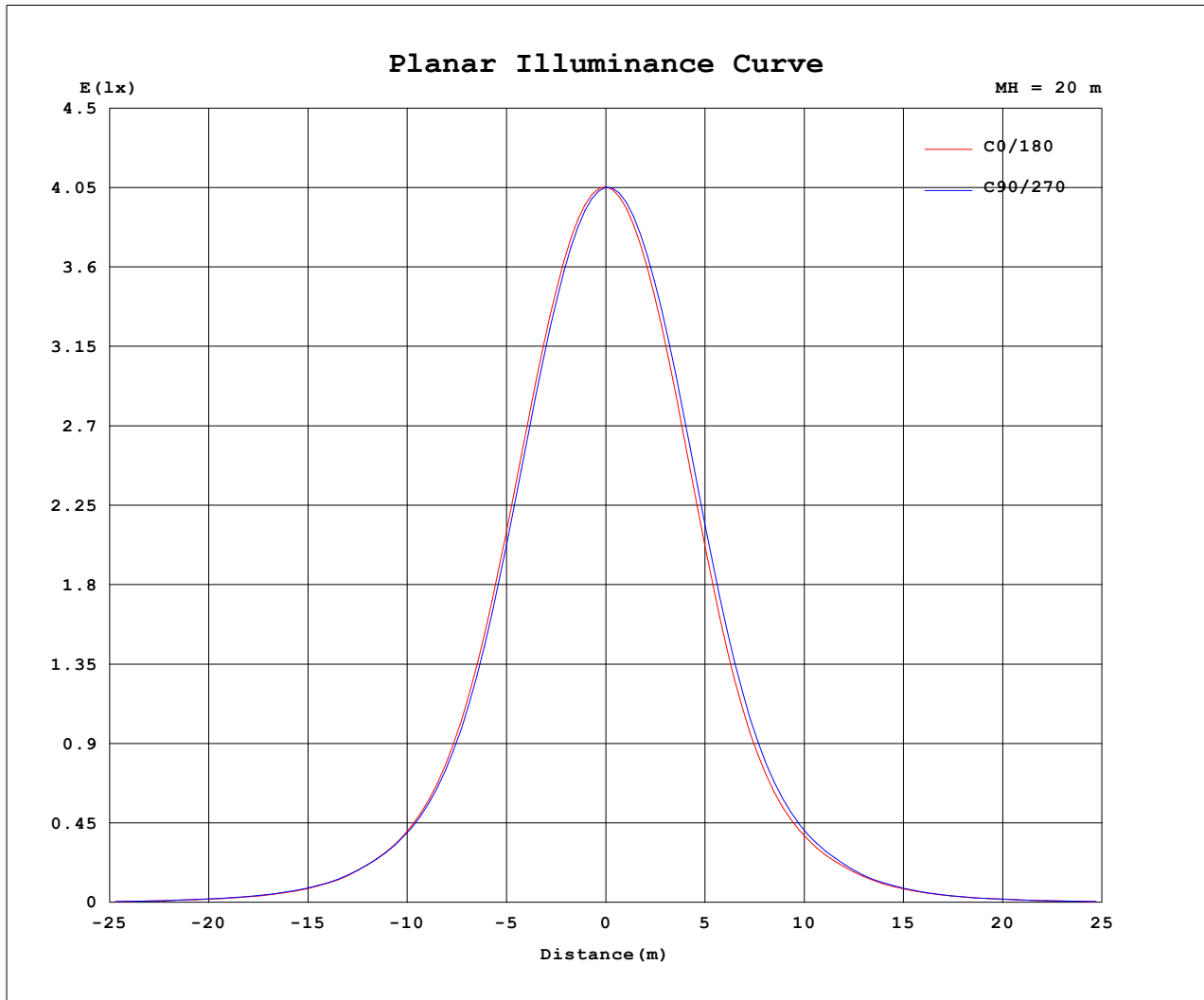
AvgL	cd/m2
L_0~180 (65) av	5936
L_0~180 (75) av	5291
L_0~180 (85) av	6540
L_90~270 (65) av	5891
L_90~270 (75) av	5356
L_90~270 (85) av	6700
L_45 (65) av	5900
L_45 (75) av	5314
L_45 (85) av	6570

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2023-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 124.409" [K=1.0000]
 Remarks: LAMP: BXR-V-DR-1830G-100Z-A-23 Ra: 90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2023-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 124.409" [K=1.0000]
 Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra: 90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.19V I:0.0954A P:11.326W PF:0.9865 Freq:59.98Hz Lamp Flux:893.4x1 lm		
NAME: CTL-MM-1.5-DM-24-RD-AD-OPS-SG	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312251375
MFR.: MERCURY LIGHTING	SUR.: 0.001589625m2	Shielding Angle:

Table--1

UNIT: cd

C (DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1621	1621	1621	1621	1621	1621	1621	1621	1621	1621	1621	1621						
5	1523	1511	1498	1503	1515	1517	1508	1506	1523	1533	1535	1531						
10	1233	1211	1189	1201	1224	1224	1205	1200	1230	1253	1262	1253						
15	846	825	802	813	834	829	808	802	836	861	872	864						
20	496	481	464	475	492	485	463	454	481	503	518	513						
25	271	262	254	264	277	270	253	247	261	275	289	285						
30	152	148	145	152	158	155	144	141	148	155	165	161						
35	79.9	78.6	78.2	82.2	87.1	84.0	77.3	74.5	77.5	82.3	87.8	85.2						
40	41.2	40.3	40.5	44.0	46.5	44.8	40.1	38.2	39.3	41.7	45.4	43.7						
45	22.3	22.0	22.0	23.6	24.7	24.0	21.8	20.4	20.8	21.5	23.0	22.8						
50	11.6	11.7	11.8	12.2	12.5	12.3	11.4	10.7	10.6	10.7	11.0	11.3						
55	6.98	7.09	7.14	7.33	7.49	7.43	7.14	6.76	6.62	6.62	6.70	6.81						
60	5.21	5.30	5.38	5.55	5.64	5.62	5.35	5.06	4.94	4.93	5.02	5.11						
65	3.98	4.04	4.12	4.22	4.25	4.21	4.00	3.75	3.68	3.70	3.79	3.88						
70	2.86	2.95	3.00	3.04	3.00	2.90	2.73	2.59	2.57	2.60	2.67	2.76						
75	2.24	2.32	2.38	2.42	2.38	2.27	2.12	2.00	1.97	1.99	2.05	2.14						
80	1.77	1.85	1.92	1.96	1.91	1.81	1.67	1.56	1.53	1.55	1.61	1.68						
85	0.97	1.05	1.09	1.12	1.06	0.97	0.84	0.74	0.73	0.74	0.79	0.86						
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						

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