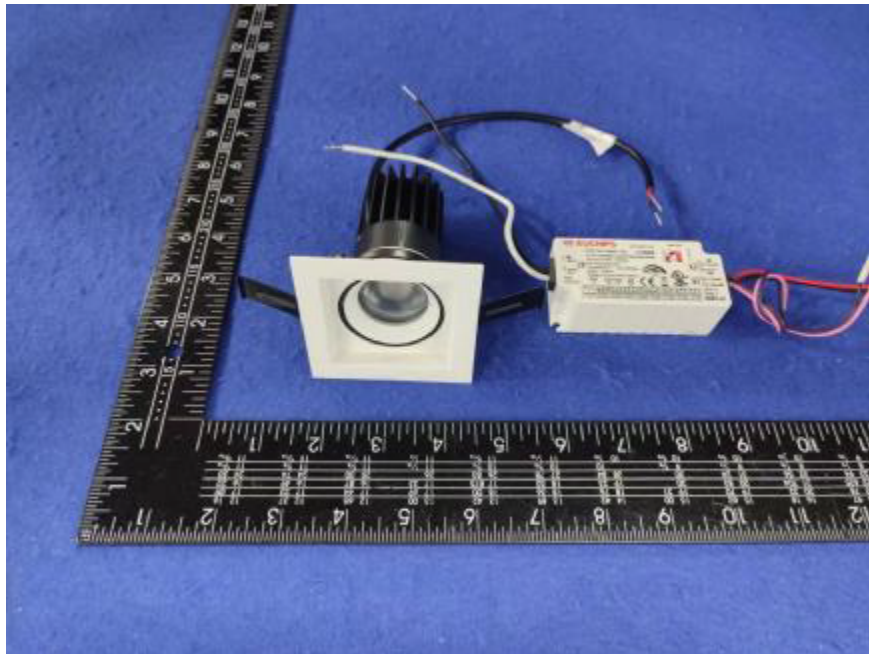


Photometric Report for each Light Engine used in
double and triple configuration
for Flanged and Flangeless Trim



Light Output Ratio:	63.7%	
Luminaire Power:	11.38 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.30	fine grid method.

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: For a lens beam angle of 15°	γ Interval: 1.0DEG
Test Speed: HIGH	Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Temperature: 77.54°F	Humidity: 65.0%
Operators: zoe	Test Distance: 124.409" [K=1.0000]
Test Date: 2023-12-28	Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra: 90
	LENS: PM-1103 15R+DIFFUSER
	DRIVER: PUP10A-1WMC-700 500mA
	30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

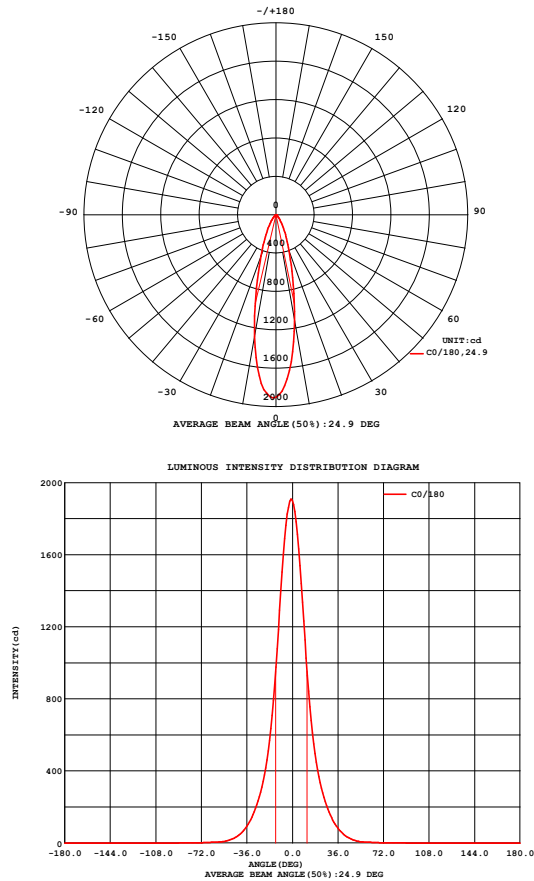


Fig. C0/C180

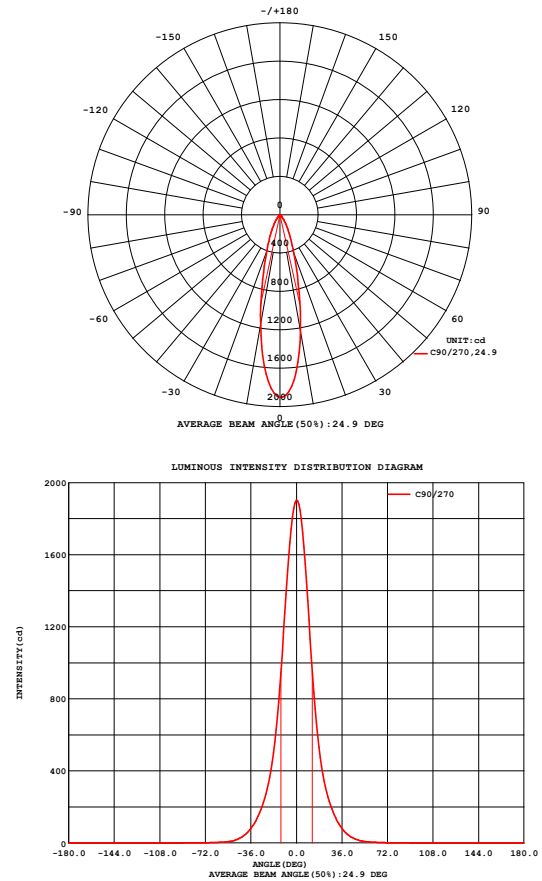


Fig. C90/C270

C Range: 0 - 360DEG

C Interval:For a lens beam angle of 15°

Test Speed: HIGH

Temperature:77.54°F

Operators:zoe

Test Date:2023-12-28

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-1103 15R+DIFFUSER

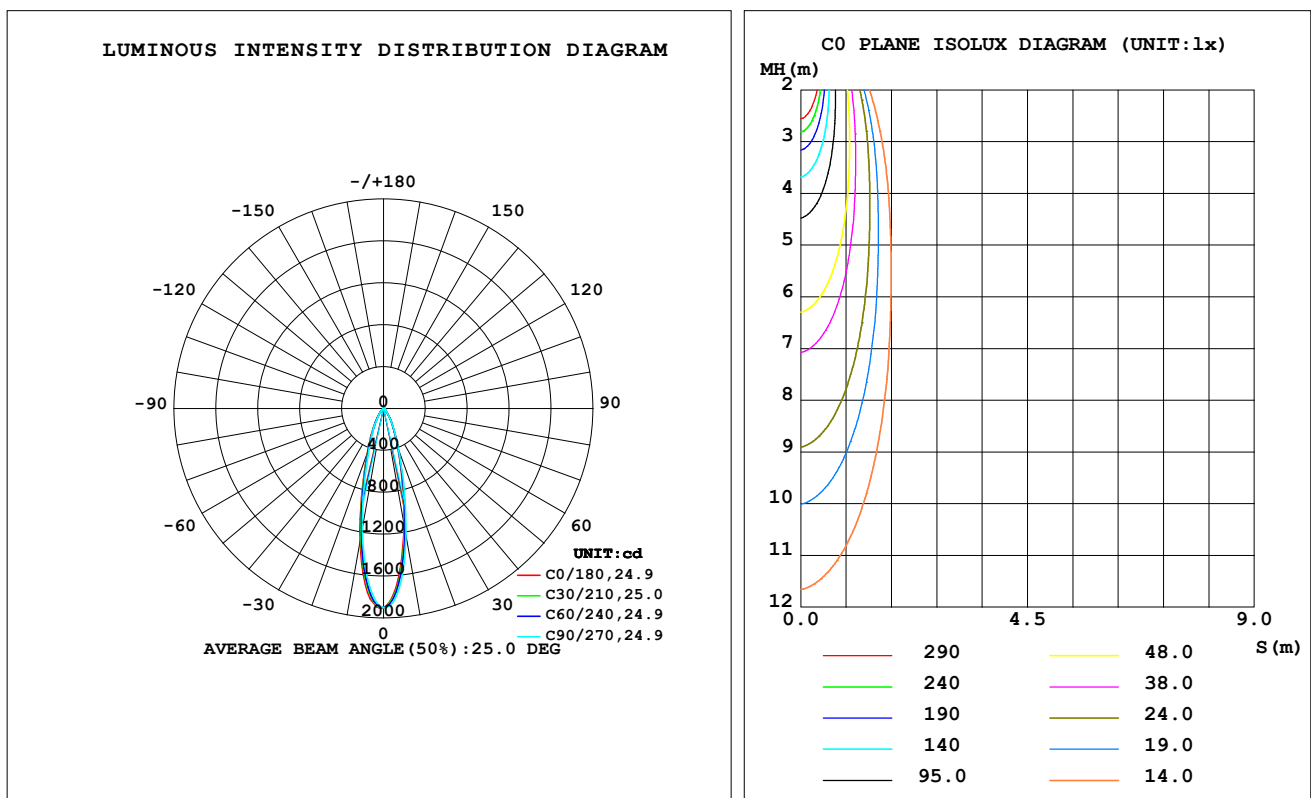
DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 49.81 lm/W
MODEL	Bridgelux	I _{max} (cd)	1910	S/MH (C0/180)		0.45
NOMINAL POWER (W)	11	LOR (%)	63.7	S/MH (C90/270)		0.41
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	566.67	☒ UP, DN (C0-180)		0.0, 32.0
NOMINAL FLUX (lm)	889.25	CIE CLASS	DIRECT	☒ UP, DN (C180-360)		0.0, 31.7
LAMPS INSIDE	1	☒ up (%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE (V)	120	☒ down (%)	63.7	CIBSE SHR MAX		0.30



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 15°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-28

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-1103 15R+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	1127	1174	1238	1287	1292	1239	1170	1127	0- 10	145.7	145.7	25.7,16.4
20	406.0	415.7	424.5	445.5	460.7	436.8	404.6	393.0	10- 20	203.1	348.8	61.6,39.2
30	155.2	155.1	156.2	165.8	174.0	163.0	150.1	148.6	20- 30	120.8	469.6	82.9,52.8
40	52.02	51.85	51.16	54.96	57.60	55.23	49.14	51.25	30- 40	60.40	530.0	93.5,59.6
50	12.60	17.33	14.08	18.03	15.37	17.90	12.08	15.99	40- 50	23.61	553.6	97.7,62.3
60	4.268	5.309	4.713	5.769	4.732	5.322	4.115	4.728	50- 60	8.110	561.7	99.1,63.2
70	1.393	2.088	1.834	2.476	2.001	2.217	1.414	1.774	60- 70	3.364	565.1	99.7,63.5
80	0.5274	0.6362	0.5986	0.7444	0.5867	0.6290	0.4883	0.5571	70- 80	1.168	566.3	99.9,63.7
90	0	0	0	0	0	0	0	0	80- 90	0.4128	566.7	100,63.7
100	0	0	0	0	0	0	0	0	90-100	0	566.7	100,63.7
110	0	0	0	0	0	0	0	0	100-110	0	566.7	100,63.7
120	0	0	0	0	0	0	0	0	110-120	0	566.7	100,63.7
130	0	0	0	0	0	0	0	0	120-130	0	566.7	100,63.7
140	0	0	0	0	0	0	0	0	130-140	0	566.7	100,63.7
150	0	0	0	0	0	0	0	0	140-150	0	566.7	100,63.7
160	0	0	0	0	0	0	0	0	150-160	0	566.7	100,63.7
170	0	0	0	0	0	0	0	0	160-170	0	566.7	100,63.7
180	0	0	0	0	0	0	0	0	170-180	0	566.7	100,63.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG

C Interval:For a lens beam angle of 15°

Test Speed: HIGH

Temperature:77.54°F

Operators:zoe

Test Date:2023-12-28

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

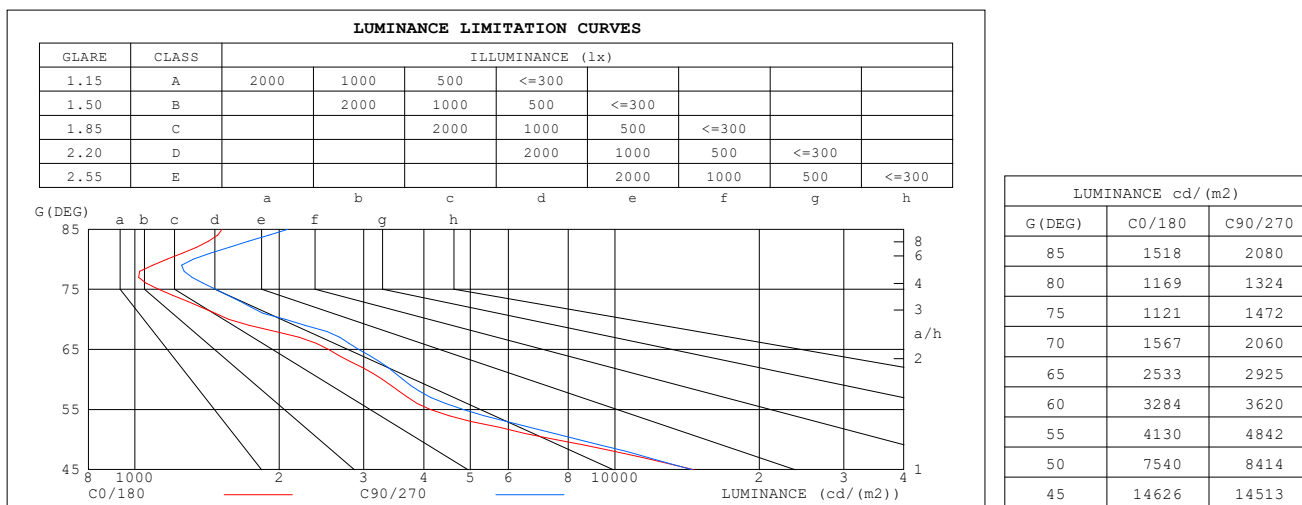
LENS:PM-1103 15R-DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

LUMINANCE LIMITATION CURVES

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 15°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-28

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-1103 15R+DIFFUSER

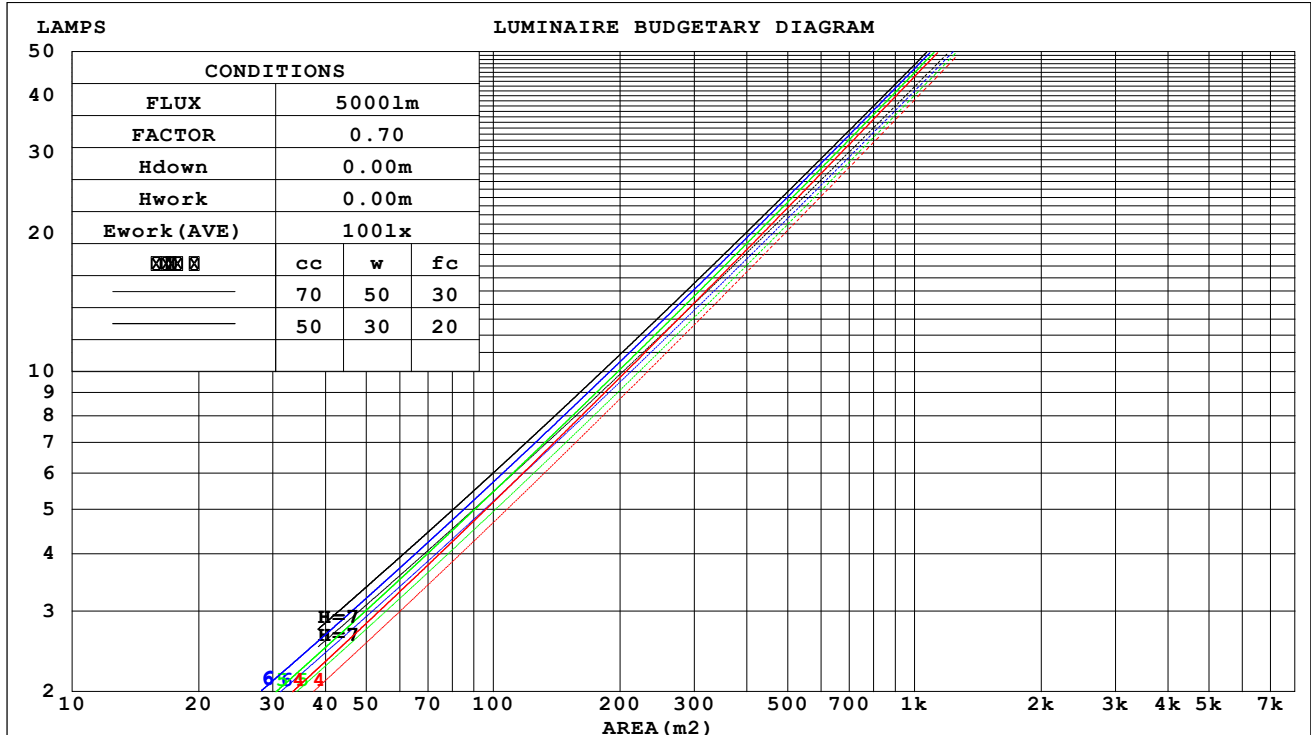
DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	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 15°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-28

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-1103 15R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

WEC AND CCEC

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	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	.101	.057	.018	.097	.055	.017	.089	.051	.016	.081	.047	.015	.074	.043	.014	
2.0	.095	.052	.016	.092	.050	.016	.085	.047	.015	.079	.044	.014	.073	.041	.013	
3.0	.090	.048	.014	.087	.046	.014	.081	.044	.013	.076	.042	.013	.071	.039	.012	
4.0	.085	.044	.013	.082	.043	.013	.077	.041	.012	.073	.039	.012	.069	.037	.011	
5.0	.080	.041	.012	.078	.040	.012	.074	.038	.011	.070	.037	.011	.066	.035	.011	
6.0	.076	.038	.011	.074	.037	.011	.070	.036	.011	.067	.035	.010	.064	.034	.010	
7.0	.072	.036	.010	.071	.035	.010	.067	.034	.010	.065	.033	.010	.062	.032	.009	
8.0	.069	.034	.009	.067	.033	.009	.065	.032	.009	.062	.031	.009	.060	.031	.009	
9.0	.066	.032	.009	.065	.031	.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	.121	.121	.121	.104	.104	.104	.071	.071	.071	.041	.041	.041	.013	.013	.013	
1.0	.108	.100	.093	.093	.086	.080	.063	.059	.056	.036	.034	.032	.012	.011	.010	
2.0	.098	.084	.073	.084	.073	.063	.057	.050	.044	.033	.029	.026	.011	.009	.008	
3.0	.089	.072	.059	.076	.062	.051	.052	.043	.036	.030	.025	.021	.010	.008	.007	
4.0	.082	.063	.048	.070	.054	.042	.048	.038	.029	.028	.022	.017	.009	.007	.006	
5.0	.076	.055	.040	.065	.048	.035	.045	.033	.025	.026	.020	.015	.008	.006	.005	
6.0	.070	.049	.034	.060	.042	.029	.042	.030	.021	.024	.017	.012	.008	.006	.004	
7.0	.066	.044	.029	.057	.038	.025	.039	.027	.018	.023	.016	.011	.007	.005	.003	
8.0	.062	.040	.025	.053	.034	.021	.037	.024	.015	.021	.014	.009	.007	.005	.003	
9.0	.058	.036	.021	.050	.031	.019	.035	.022	.013	.020	.013	.008	.007	.004	.003	
10.0	.055	.033	.019	.048	.029	.016	.033	.020	.012	.019	.012	.007	.006	.004	.002	

C Range: 0 - 360DEG

C Interval:For a lens beam angle of 15°

Test Speed: HIGH

Temperature:77.54°F

Operators:zoe

Test Date:2023-12-28

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-1103 15R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm											
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS						TYPE:		WEIGHT:			
SPEC.: 3000K						DIM.:		SERIAL No.: 2312281382			
MFR.: MERCURY LIGHTING						SUR.: 0.002601m2		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	2H	15.9	16.7	16.1	16.9	17.0	15.8	16.6	16.0	16.8	16.9
	3H	15.8	16.6	16.1	16.8	17.0	15.8	16.5	16.0	16.7	16.9
	4H	15.8	16.5	16.0	16.7	16.9	15.7	16.4	16.0	16.6	16.9
	6H	15.7	16.4	16.0	16.6	16.8	15.7	16.3	16.0	16.6	16.8
	8H	15.7	16.3	16.0	16.6	16.8	15.6	16.3	15.9	16.5	16.8
	12H	15.6	16.2	16.0	16.5	16.8	15.6	16.2	15.9	16.5	16.8
4H	2H	15.8	16.5	16.0	16.7	16.9	15.7	16.4	16.0	16.6	16.8
	3H	15.7	16.3	16.0	16.6	16.9	15.7	16.3	16.0	16.6	16.8
	4H	15.7	16.2	16.0	16.5	16.8	15.6	16.2	16.0	16.5	16.8
	6H	15.6	16.1	16.0	16.4	16.8	15.6	16.1	16.0	16.4	16.8
	8H	15.6	16.0	16.0	16.4	16.7	15.6	16.0	16.0	16.4	16.7
	12H	15.5	16.0	16.0	16.3	16.7	15.5	16.0	16.0	16.3	16.7
8H	4H	15.6	16.0	15.9	16.4	16.7	15.5	16.0	15.9	16.3	16.7
	6H	15.5	15.9	15.9	16.3	16.7	15.5	15.9	15.9	16.2	16.7
	8H	15.5	15.8	15.9	16.2	16.7	15.5	15.8	15.9	16.2	16.7
	12H	15.5	15.7	15.9	16.2	16.7	15.5	15.8	15.9	16.2	16.7
12H	4H	15.5	15.9	15.9	16.3	16.7	15.5	15.9	15.9	16.3	16.7
	6H	15.5	15.8	15.9	16.2	16.6	15.4	15.8	15.9	16.2	16.6
	8H	15.4	15.7	15.9	16.2	16.6	15.4	15.7	15.9	16.2	16.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 2.5 / - 5.5					+ 2.5 / - 4.9					
1.5H	+ 3.8 / - 4.4					+ 3.9 / - 3.6					
2.0H	+ 4.1 / - 3.6					+ 3.8 / - 3.1					

CIE Pub.117, 889.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
 Area: 0.002601 m2

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: For a lens beam angle of 15°	γ Interval: 1.0DEG
Test Speed: HIGH	Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Temperature: 77.54°F	Humidity: 65.0%
Operators: zoe	Test Distance: 124.409" [K=1.0000]
Test Date: 2023-12-28	Remarks: LAMP: BXRV-DR-1830G-100Z-A-23 Ra: 90
	LENS: PM-1103 15R+DIFFUSER
	DRIVER: PUP10A-1WMC-700 500mA
	30minutes warm-up

UTILIZATION FACTORS TABLE

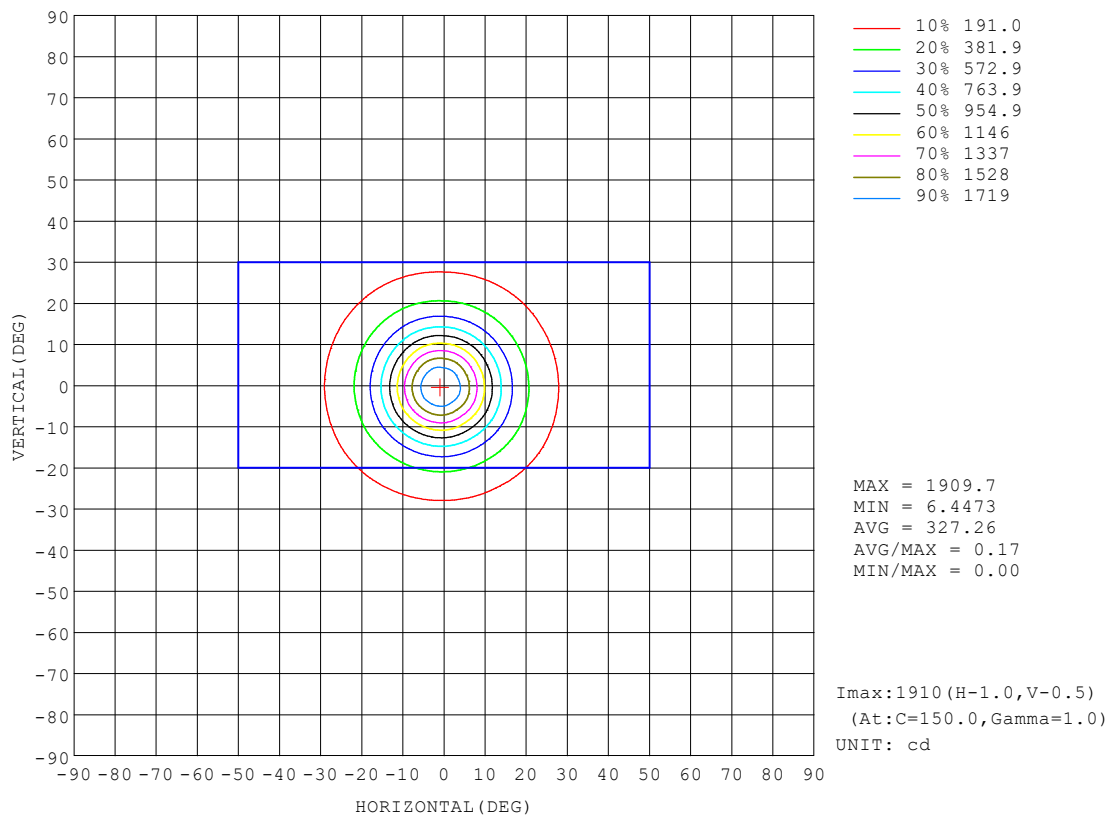
Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:

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	52	49	55	52	49	55	51	49	47
0.80	60	57	54	60	57	54	59	56	54	52
1.00	63	60	57	63	59	57	62	59	57	54
1.25	66	63	60	65	62	60	64	61	60	57
1.50	68	65	62	67	64	62	65	63	61	59
2.00	69	67	65	68	66	64	67	65	63	60
2.50	70	68	66	69	67	65	67	66	64	60
3.00	71	69	67	70	68	67	68	67	65	61
4.00	73	71	69	71	70	69	69	68	67	62
5.00	73	72	71	72	71	70	69	69	68	63
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 15° Test Speed: HIGH Temperature: 77.54°F Operators: zoe Test Date: 2023-12-28	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-1103 15R-DIFFUSER DRIVER: PUP10A-1WMC-700 500mA 30minutes warm-up
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ISOCANDELA DIAGRAM

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 15°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-28

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

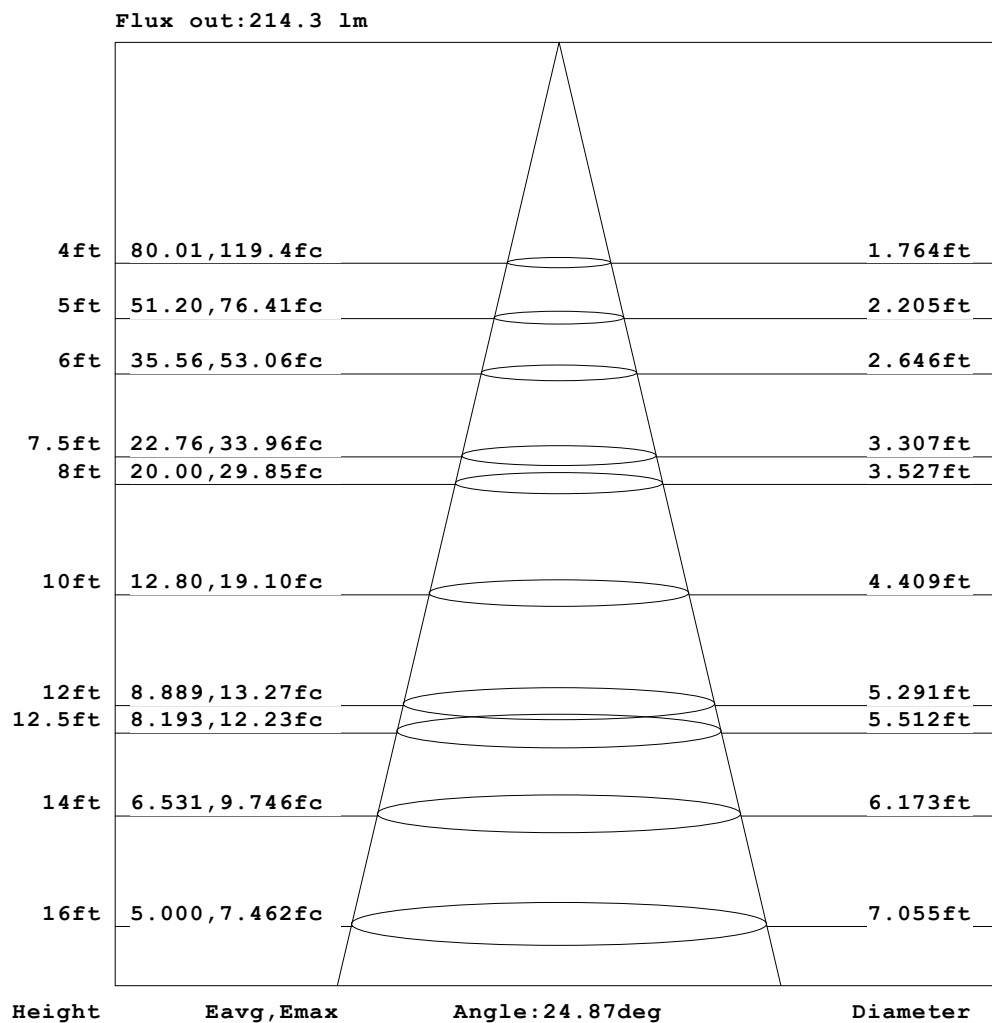
LENS: PM-1103 15R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

AAI Figure

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:

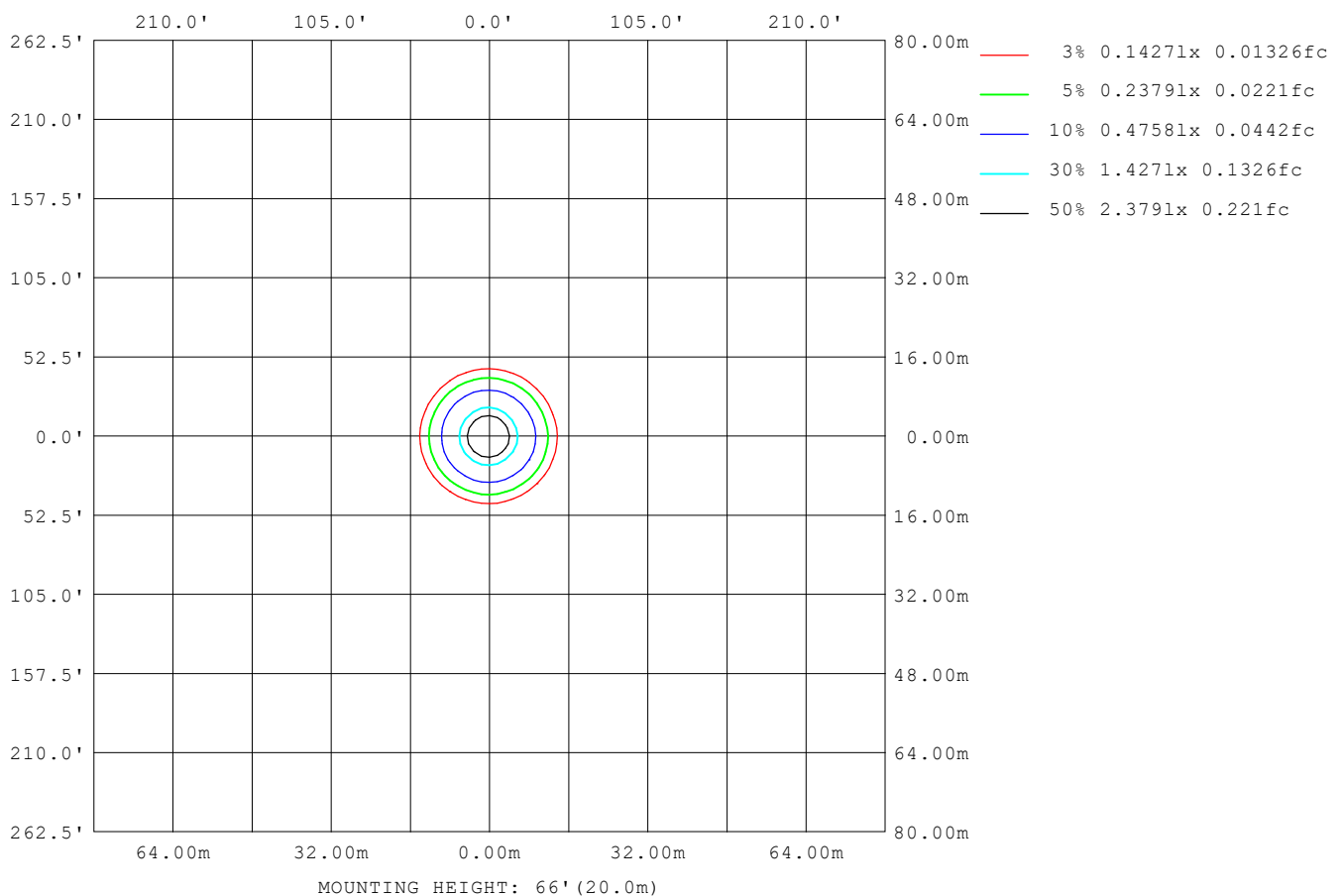


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

LENS: PM-1103 15R+DIFFUSER
 DRIVER: PUP10A-1WMC-700 500mA
 30minutes warm-up

ISOLUX DIAGRAM

Test: U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux: 889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:


C Range: 0 - 360DEG

C Interval: For a lens beam angle of 15°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-28

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-1103 15R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

LED Avg.L Report

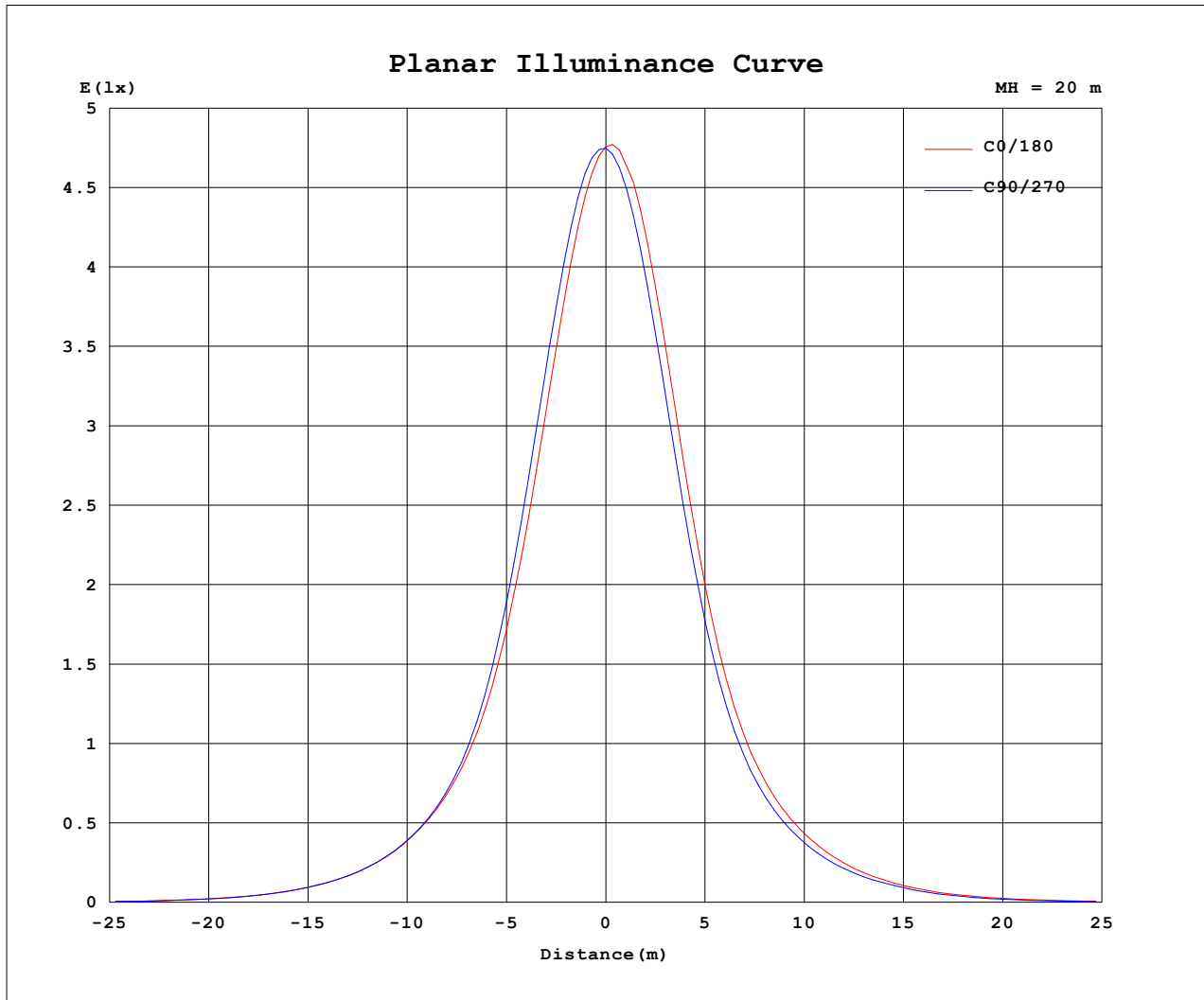
Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	2758
L_0~180 (75) av	1337
L_0~180 (85) av	1841
L_90~270 (65) av	2706
L_90~270 (75) av	1297
L_90~270 (85) av	1812
L_45 (65) av	3296
L_45 (75) av	1656
L_45 (85) av	1936

Standard: GB/T 29293-2012

C Range: 0 - 360DEG C Interval: For a lens beam angle of 15° Test Speed: HIGH Temperature: 77.54°F Operators: zoe Test Date: 2023-12-28	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-1103 15R-DIFFUSER DRIVER: PUP10A-1WMC-700 500mA 30minutes warm-up
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Planar Illuminance Curve



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 15°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-28

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-1103 15R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.0958A P:11.376W PF:0.9869 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-MM-1.5-DM-15-SQ-AD-OPS	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2312281382
MFR.: MERCURY LIGHTING	SUR.: 0.002601m2	Shielding Angle:

Table--1

UNIT: cd

C (DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1902	1902	1902	1902	1902	1902	1902	1902	1902	1902	1902	1902						
5	1631	1662	1678	1722	1746	1772	1764	1730	1713	1668	1644	1621						
10	1127	1163	1185	1238	1272	1302	1292	1253	1225	1170	1140	1113						
15	680	704	715	746	769	792	790	762	740	700	678	665						
20	406	418	414	424	436	455	461	445	429	405	394	392						
25	252	257	251	255	262	276	282	272	260	245	241	242						
30	155	157	153	156	161	171	174	167	159	150	149	149						
35	92.9	93.6	91.0	93.0	96.1	102	104	99.5	95.4	90.7	89.5	89.7						
40	52.0	53.2	50.5	51.2	53.3	56.6	57.6	56.4	54.1	49.1	51.0	51.5						
45	26.9	30.7	28.9	26.7	29.8	31.8	30.4	32.6	30.0	24.9	28.5	28.9						
50	12.6	17.7	17.0	14.1	17.7	18.4	15.4	19.0	16.8	12.1	16.1	15.9						
55	6.16	9.26	9.35	7.23	10.3	10.0	7.30	10.5	8.64	6.00	8.41	7.83						
60	4.27	5.28	5.34	4.71	5.88	5.66	4.73	5.67	4.97	4.11	4.75	4.70						
65	2.78	3.51	3.62	3.22	3.93	3.92	3.28	3.75	3.44	2.73	3.14	3.11						
70	1.39	2.04	2.14	1.83	2.45	2.50	2.00	2.34	2.09	1.41	1.81	1.73						
75	0.75	1.02	1.10	0.99	1.29	1.31	1.05	1.17	1.03	0.75	0.91	0.89						
80	0.53	0.62	0.65	0.60	0.75	0.74	0.59	0.67	0.59	0.49	0.55	0.56						
85	0.34	0.39	0.45	0.47	0.53	0.55	0.49	0.47	0.42	0.35	0.34	0.33						
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: For a lens beam angle of 15°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2023-12-28

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30minutes warm-up