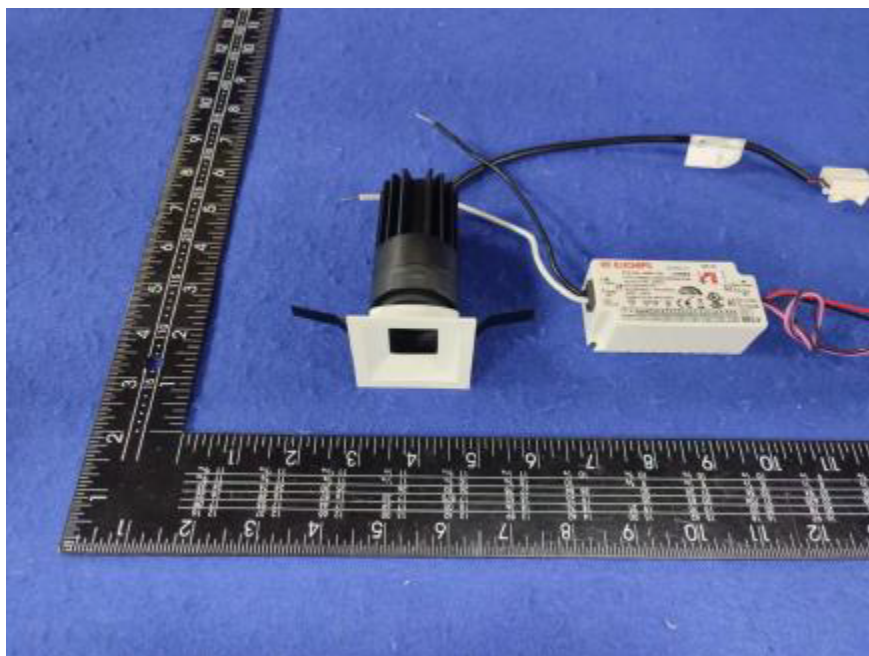


Photometric report for Flanged and Flangeless Trim



Light Output Ratio:	39.9%	
Luminaire Power:	11.23 W	
SHR Nominal:	0.00	Calculated using the TM5
SHR Maximum:	0.30	fine grid method.

C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 25.3

Operators: zoe

Test Date: 2024-1-5

Range: 0 - 180DEG

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-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

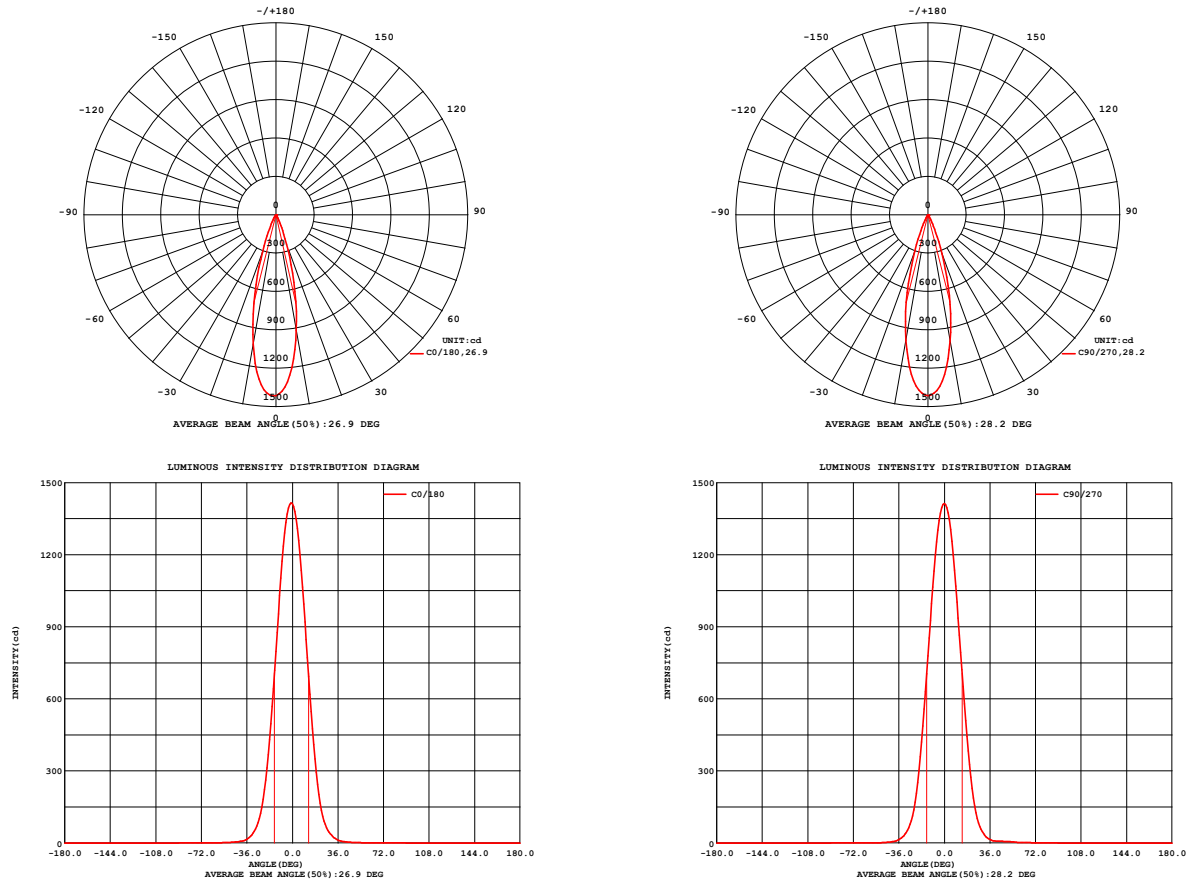


Fig. C0/C180

Fig. C90/C270

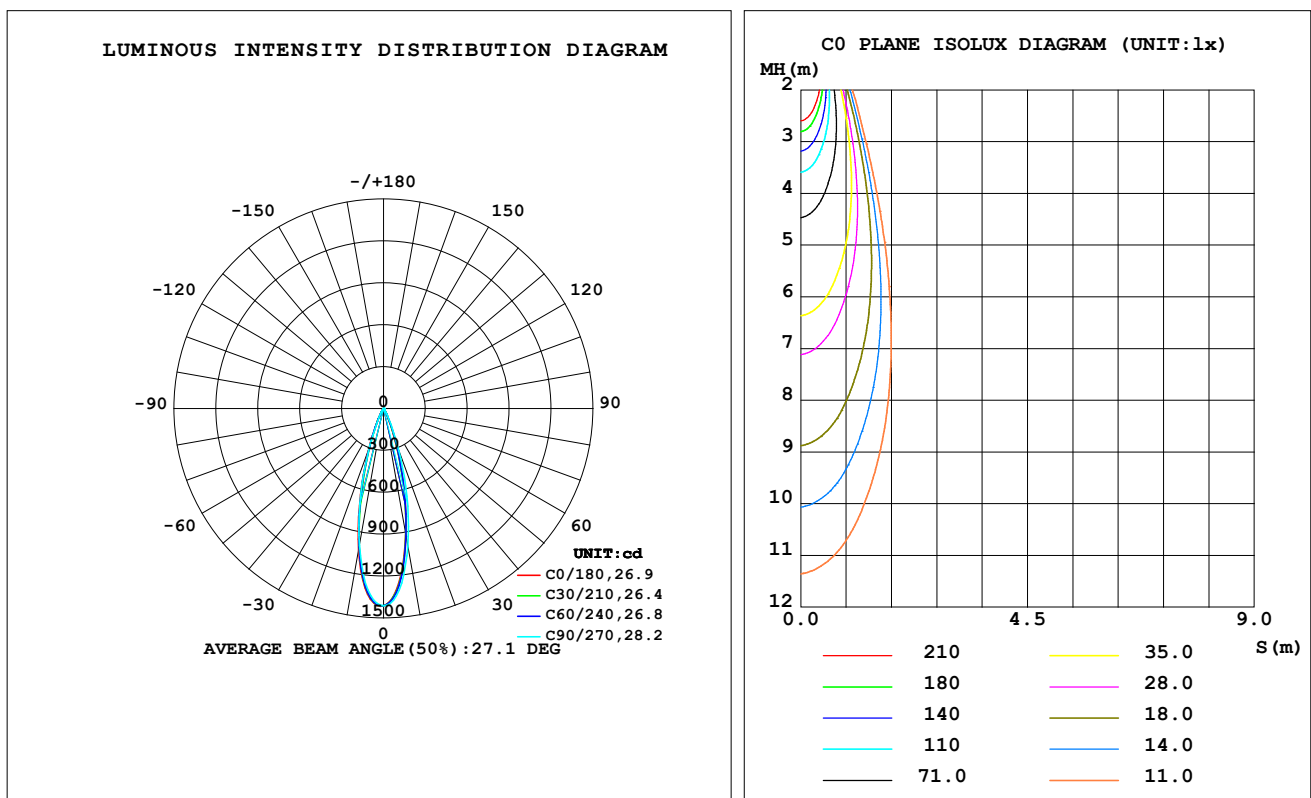
C Range: 0 - 360DEG
C Interval: For a lens beam angle of 24°
Test Speed: HIGH
Temperature: 25.3
Operators: zoe
Test Date: 2024-1-5

Range: 0 - 180DEG
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-1103A 24R+DIFFUSER
DRIVER: PUP10A-1WMC-700 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 31.61 lm/W
MODEL	Bridgelux	I _{max} (cd)	1417	S/MH (C0/180)		0.47
NOMINAL POWER (W)	11	LOR (%)	39.9	S/MH (C90/270)		0.46
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	355.09	☒ UP, DN (C0-180)		0.0, 20.0
NOMINAL FLUX (lm)	889.25	CIE CLASS	DIRECT	☒ UP, DN (C180-360)		0.0, 19.9
LAMPS INSIDE	1	☒ up (%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE (V)	120	☒ down (%)	39.9	CIBSE SHR MAX		0.30



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 25.3

Operators: zoe

Test Date: 2024-1-5

Range: 0 - 180DEG

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-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	920.2	925.0	1003	1048	1029	1008	995.8	936.1	0- 10	113.7	113.7	32,12.8
20	244.8	259.0	325.7	324.8	311.8	294.4	301.5	260.4	10- 20	162.7	276.5	77.9,31.1
30	37.85	44.72	47.30	57.98	48.67	50.80	43.94	43.77	20- 30	58.88	335.4	94.4,37.7
40	6.409	6.973	8.445	9.044	7.665	7.783	6.408	6.534	30- 40	13.37	348.7	98.2,39.2
50	1.736	2.702	6.175	3.301	2.264	1.982	1.282	1.702	40- 50	3.218	352.0	99.1,39.6
60	0.9757	1.270	2.101	1.436	1.007	0.9427	0.7152	0.9166	50- 60	1.575	353.5	99.6,39.8
70	0.6380	0.8113	1.254	0.8853	0.6274	0.8845	1.043	0.8833	60- 70	0.9961	354.5	99.8,39.9
80	0.0819	0.1817	0.2806	0.2120	0.0812	0.0632	0.0546	0.0614	70- 80	0.4763	355.0	100,39.9
90	0	0	0	0	0	0	0	0	80- 90	0.0892	355.1	100,39.9
100	0	0	0	0	0	0	0	0	90-100	0	355.1	100,39.9
110	0	0	0	0	0	0	0	0	100-110	0	355.1	100,39.9
120	0	0	0	0	0	0	0	0	110-120	0	355.1	100,39.9
130	0	0	0	0	0	0	0	0	120-130	0	355.1	100,39.9
140	0	0	0	0	0	0	0	0	130-140	0	355.1	100,39.9
150	0	0	0	0	0	0	0	0	140-150	0	355.1	100,39.9
160	0	0	0	0	0	0	0	0	150-160	0	355.1	100,39.9
170	0	0	0	0	0	0	0	0	160-170	0	355.1	100,39.9
180	0	0	0	0	0	0	0	0	170-180	0	355.1	100,39.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature:25.3

Operators:zoe

Test Date:2024-1-5

Range: 0 - 180DEG

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

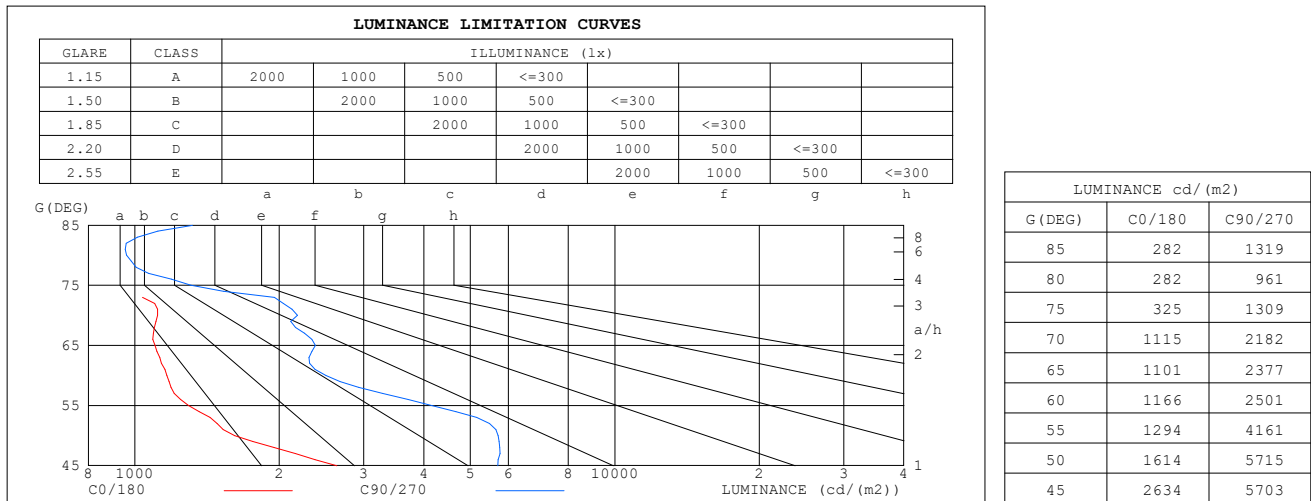
LENS:PM-1103A 24R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

LUMINANCE LIMITATION CURVES

Test: U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux: 889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	Shielding Angle:


C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature:25.3

Operators:zoe

Test Date:2024-1-5

Range: 0 - 180DEG

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-1103A 24R+DIFFUSER

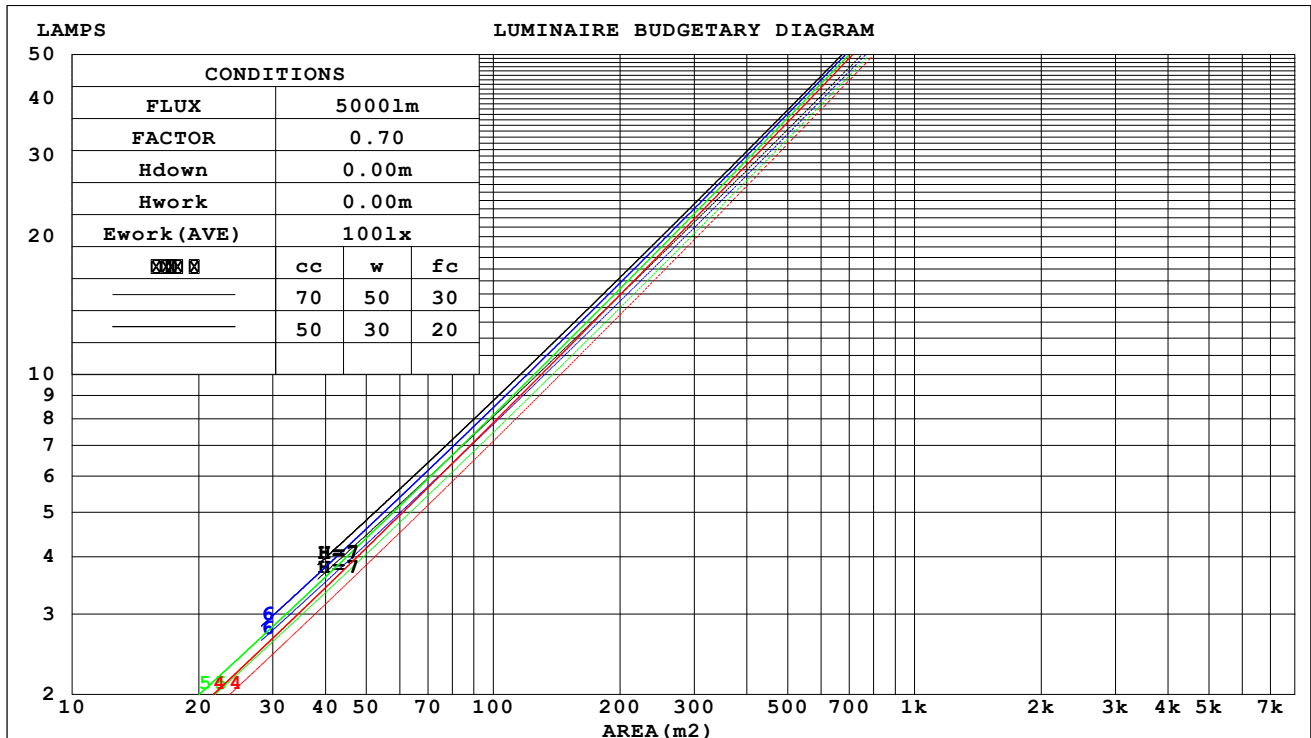
DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	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															



WEC AND CCEC

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	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	.056	.032	.010	.053	.031	.010	.049	.028	.009	.044	.025	.008	.040	.023	.007		
2.0	.052	.029	.009	.050	.028	.008	.046	.025	.008	.042	.024	.007	.039	.022	.007		
3.0	.049	.026	.008	.047	.025	.008	.043	.024	.007	.040	.022	.007	.037	.021	.006		
4.0	.046	.024	.007	.044	.023	.007	.041	.022	.007	.039	.021	.006	.036	.020	.006		
5.0	.043	.022	.006	.042	.021	.006	.039	.020	.006	.037	.020	.006	.035	.019	.006		
6.0	.041	.020	.006	.040	.020	.006	.037	.019	.006	.036	.018	.005	.034	.018	.005		
7.0	.039	.019	.005	.038	.019	.005	.036	.018	.005	.034	.018	.005	.033	.017	.005		
8.0	.037	.018	.005	.036	.018	.005	.034	.017	.005	.033	.017	.005	.031	.016	.005		
9.0	.035	.017	.005	.035	.017	.005	.033	.016	.005	.032	.016	.005	.030	.015	.004		
10.0	.034	.016	.005	.033	.016	.004	.032	.016	.004	.031	.015	.004	.030	.015	.004		

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	.076	.076	.076	.065	.065	.065	.044	.044	.044	.025	.025	.025	.008	.008	.008	
1.0	.067	.063	.059	.058	.054	.051	.039	.037	.035	.023	.022	.020	.007	.007	.007	
2.0	.060	.053	.047	.052	.046	.041	.035	.032	.028	.020	.018	.017	.007	.006	.005	
3.0	.054	.045	.038	.047	.039	.033	.032	.027	.023	.018	.016	.014	.006	.005	.004	
4.0	.049	.039	.031	.042	.034	.027	.029	.024	.019	.017	.014	.011	.005	.004	.004	
5.0	.045	.034	.026	.039	.030	.023	.027	.021	.016	.015	.012	.010	.005	.004	.003	
6.0	.042	.030	.022	.036	.026	.019	.025	.018	.014	.014	.011	.008	.005	.004	.003	
7.0	.039	.027	.019	.033	.023	.016	.023	.016	.012	.013	.010	.007	.004	.003	.002	
8.0	.036	.024	.016	.031	.021	.014	.022	.015	.010	.013	.009	.006	.004	.003	.002	
9.0	.034	.022	.014	.029	.019	.012	.020	.013	.009	.012	.008	.005	.004	.003	.002	
10.0	.032	.020	.012	.028	.018	.011	.019	.012	.008	.011	.007	.005	.004	.002	.002	

C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature:25.3

Operators:zoe

Test Date:2024-1-5

Range: 0 - 180DEG

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-1103A 24R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm											
NAME: CTL-M-1.5-DM-24-SQ-AD						TYPE:		WEIGHT:			
SPEC.: 3000K						DIM.:		SERIAL No.: 2401050014			
MFR.: MERCURY LIGHTING						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	2H	6.9	7.6	7.1	7.8	7.9	8.9	9.6	9.1	9.7	9.9
	3H	7.1	7.8	7.4	7.9	8.1	9.3	10.0	9.6	10.2	10.3
	4H	7.2	7.8	7.4	8.0	8.2	9.5	10.1	9.7	10.3	10.5
	6H	7.1	7.7	7.4	7.9	8.1	9.5	10.0	9.7	10.3	10.5
	8H	7.1	7.6	7.4	7.9	8.1	9.5	10.0	9.7	10.2	10.5
	12H	7.0	7.6	7.3	7.8	8.1	9.5	10.0	9.8	10.2	10.5
4H	2H	7.0	7.6	7.2	7.8	8.0	8.8	9.4	9.1	9.6	9.9
	3H	7.3	7.8	7.6	8.1	8.4	9.4	9.9	9.7	10.2	10.4
	4H	7.4	7.9	7.7	8.2	8.5	9.5	10.0	9.9	10.3	10.6
	6H	7.3	7.8	7.7	8.1	8.4	9.6	10.0	9.9	10.3	10.7
	8H	7.3	7.7	7.7	8.0	8.4	9.6	10.0	9.9	10.3	10.7
	12H	7.3	7.6	7.7	8.0	8.4	9.6	9.9	10.0	10.3	10.7
8H	4H	7.4	7.8	7.8	8.1	8.5	9.5	9.9	9.9	10.2	10.6
	6H	7.4	7.7	7.8	8.1	8.5	9.5	9.8	9.9	10.2	10.6
	8H	7.3	7.6	7.8	8.0	8.5	9.5	9.8	10.0	10.2	10.7
	12H	7.3	7.5	7.8	8.0	8.5	9.6	9.8	10.0	10.3	10.7
12H	4H	7.4	7.7	7.8	8.1	8.5	9.4	9.8	9.8	10.1	10.5
	6H	7.3	7.6	7.8	8.0	8.5	9.5	9.7	9.9	10.2	10.6
	8H	7.3	7.6	7.8	8.0	8.5	9.5	9.7	9.9	10.2	10.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.8 / - 2.4					+ 1.3 / - 1.2					
1.5H	+ 3.1 / - 1.9					+ 1.9 / - 1.8					
2.0H	+ 1.9 / - 1.5					+ 3.4 / - 2.3					

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: For a lens beam angle of 24°

Test Speed: HIGH

Temperature:25.3

Operators:zoe

Test Date:2024-1-5

Range: 0 - 180DEG

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-1103A 24R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	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) $k(RI) \times RCR = 5$									
$k = 0.60$	36	34	32	36	34	32	36	34	32	31
0.80	39	37	35	39	37	35	38	36	35	34
1.00	40	38	37	40	38	37	40	38	37	35
1.25	42	40	39	41	40	39	41	39	38	37
1.50	43	41	40	42	41	40	42	40	39	38
2.00	44	42	41	43	42	41	42	41	40	38
2.50	44	43	42	44	42	42	43	42	41	38
3.00	45	44	43	44	43	42	43	42	41	39
4.00	46	45	44	45	44	43	43	43	42	39
5.00	46	45	45	45	45	44	44	43	43	40
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: 25.3

Operators: zoe

Test Date: 2024-1-5

Range: 0 - 180DEG

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

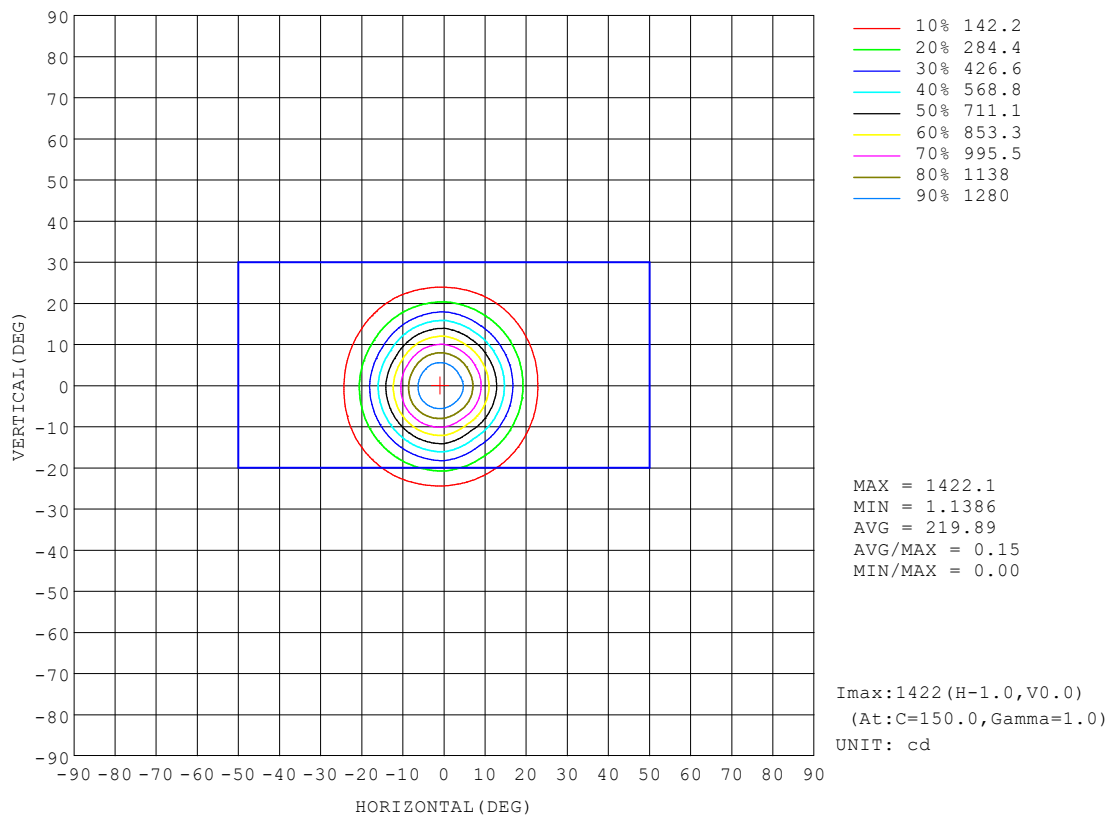
LENS: PM-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	Shielding Angle:



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature:25.3

Operators:zoe

Test Date:2024-1-5

Range: 0 - 180DEG

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

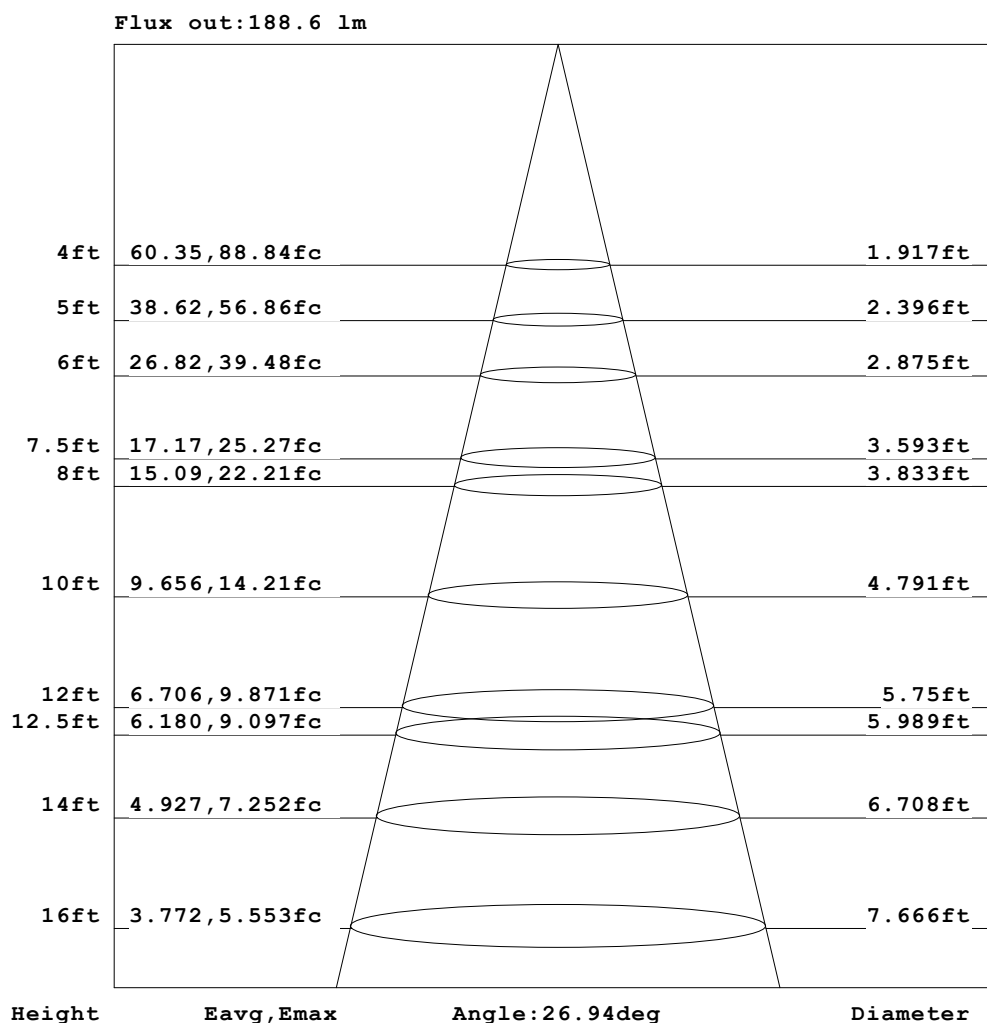
LENS:PM-1103A 24R+DIFFUSER

DRIVER:PUP10A-1WMC-700 500mA

30minutes warm-up

AAI Figure

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	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: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 25.3

Operators: zoe

Test Date: 2024-1-5

Range: 0 - 180DEG

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

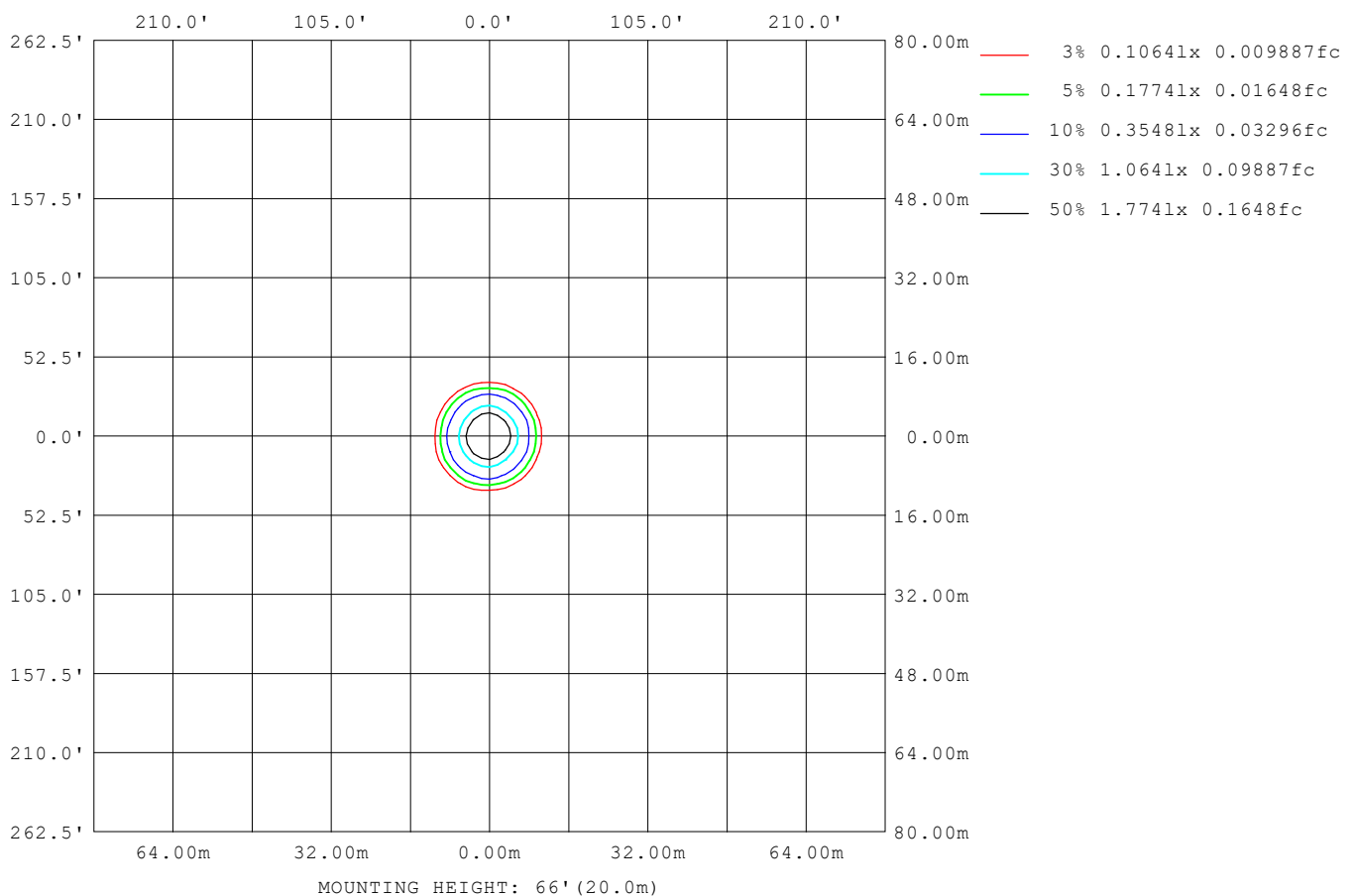
LENS: PM-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

ISOLUX DIAGRAM

Test: U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux: 889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	Shielding Angle:



C Range: 0 - 360DEG	Range: 0 - 180DEG
C Interval: For a lens beam angle of 24°	Interval: 1.0DEG
Test Speed: HIGH	Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.461
Temperature: 25.3	Humidity: 65.0%
Operators: zoe	Test Distance: 3.160m [K=1.0000]
Test Date: 2024-1-5	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

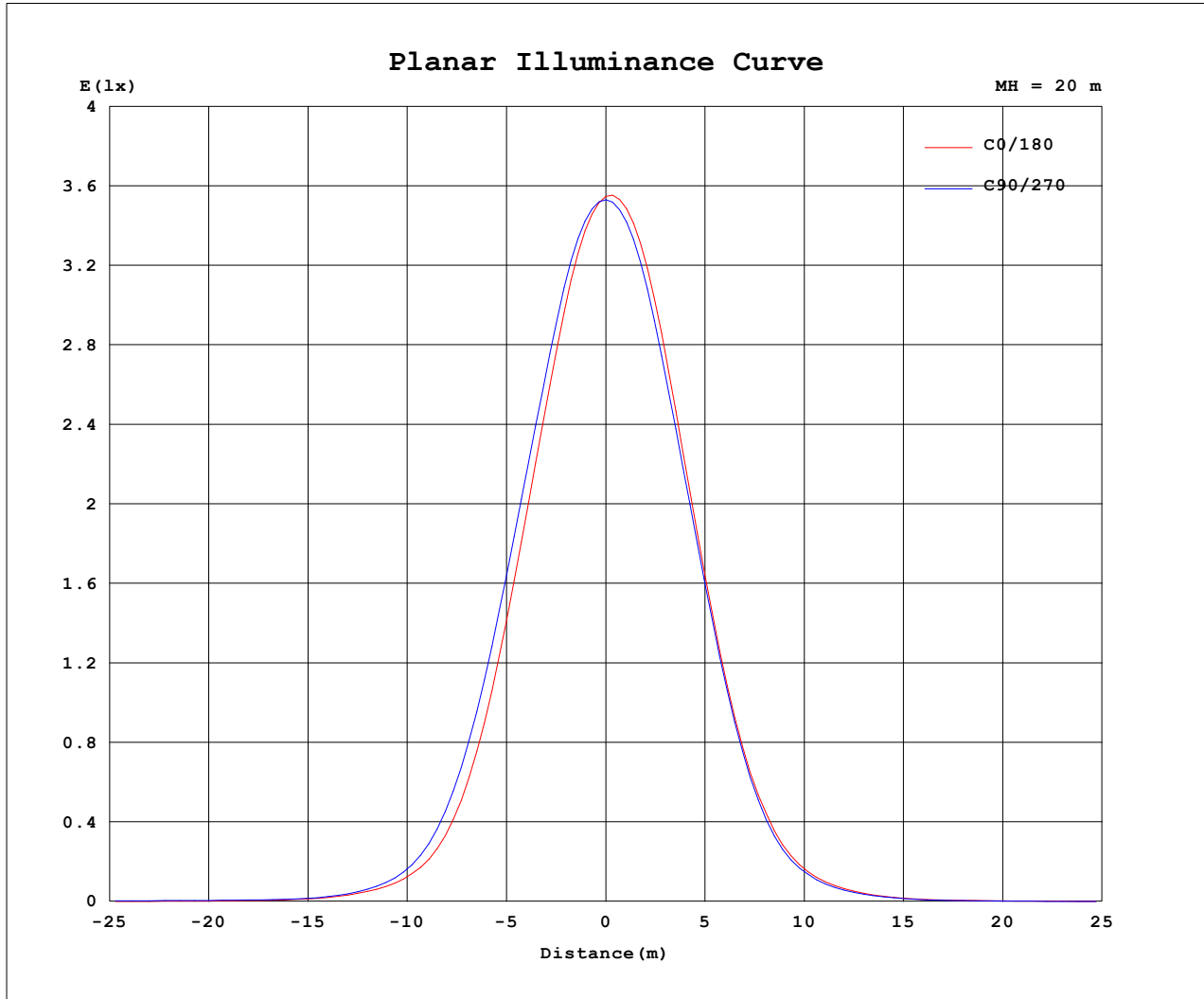
Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	Shielding Angle:

AvgL	cd/m2
L_0~180 (65) av	1105
L_0~180 (75) av	337
L_0~180 (85) av	281
L_90~270 (65) av	1736
L_90~270 (75) av	778
L_90~270 (85) av	755
L_45 (65) av	1414
L_45 (75) av	1208
L_45 (85) av	582

Standard: GB/T 29293-2012

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	LENS:PM-1103A 24R+DIFFUSER
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	30minutes warm-up

Planar Illuminance Curve



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 25.3

Operators: zoe

Test Date: 2024-1-5

Range: 0 - 180DEG

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-1103A 24R+DIFFUSER

DRIVER: PUP10A-1WMC-700 500mA

30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.31V I:0.0944A P:11.234W PF:0.9873 Freq:59.98Hz Lamp Flux:889.25x1 lm		
NAME: CTL-M-1.5-DM-24-SQ-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2401050014
MFR.: MERCURY LIGHTING	SUR.: 0.001681m2	Shielding Angle:

Table--1

UNIT: cd

C (DEG) (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413						
5	1259	1266	1275	1305	1333	1348	1334	1324	1321	1302	1282	1261						
10	920	921	929	1003	1040	1055	1029	1005	1010	996	950	922						
15	546	540	551	650	661	650	642	601	624	630	566	543						
20	245	250	268	326	328	322	312	290	299	301	269	251						
25	91.8	99.8	112	125	140	139	124	122	123	113	110	99.9						
30	37.9	42.2	47.2	47.3	58.4	57.6	48.7	50.8	50.8	43.9	45.6	41.9						
35	15.3	18.0	19.0	18.3	23.6	23.5	19.6	21.2	21.1	17.4	18.9	17.8						
40	6.41	6.70	7.25	8.44	9.22	8.87	7.66	7.88	7.69	6.41	6.56	6.51						
45	3.12	3.44	4.19	6.78	4.96	4.37	4.01	3.57	3.26	2.79	2.87	3.08						
50	1.74	2.10	3.30	6.17	3.86	2.75	2.26	2.15	1.81	1.28	1.59	1.81						
55	1.24	1.41	2.33	4.01	2.78	1.79	1.42	1.39	1.11	0.84	1.03	1.20						
60	0.98	1.06	1.48	2.10	1.68	1.20	1.01	1.01	0.88	0.72	0.86	0.98						
65	0.78	0.88	1.25	1.69	1.37	0.93	0.79	0.91	0.89	0.78	0.89	0.92						
70	0.64	0.69	0.93	1.25	1.06	0.71	0.63	0.82	0.95	1.04	0.95	0.81						
75	0.14	0.50	0.54	0.57	0.60	0.53	0.15	0.40	0.55	0.11	0.46	0.36						
80	0.08	0.15	0.21	0.28	0.25	0.17	0.08	0.07	0.06	0.05	0.06	0.07						
85	0.04	0.12	0.15	0.19	0.15	0.14	0.04	0.03	0.03	0.03	0.02	0.03						
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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Temperature:25.3

Operators:zoe

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