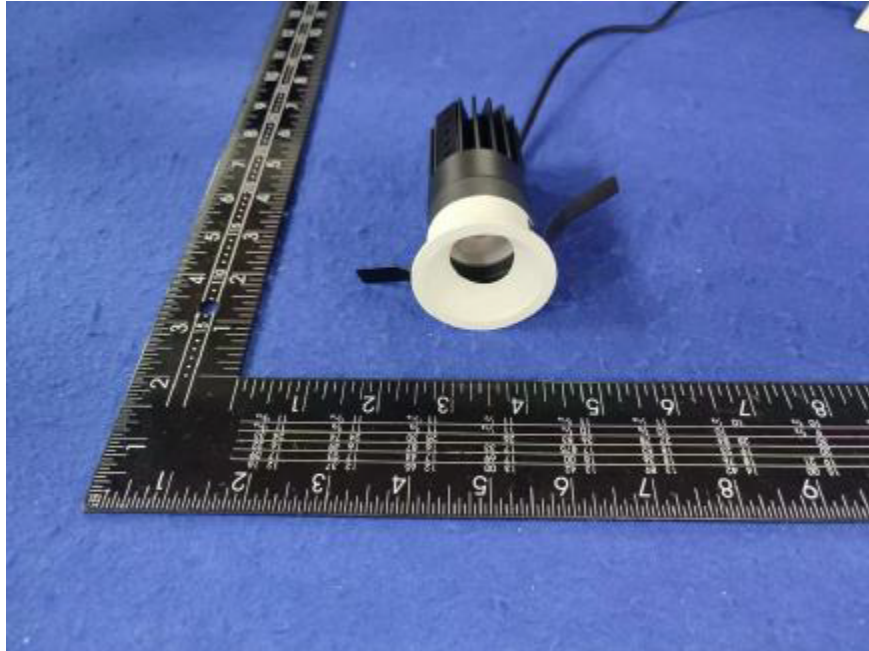


Photometric report for Flanged and Flangeless Trim



Light Output Ratio:	72.8%	
Luminaire Power:	8.825 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: 77.54°F
Operators: zoe
Test Date: 2024-8-14

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: BXRH-30G10T0-G-83 Ra:90
LENS: PM-1084A 24R
NO DRIVER: 500mA
30minutes warm-up

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

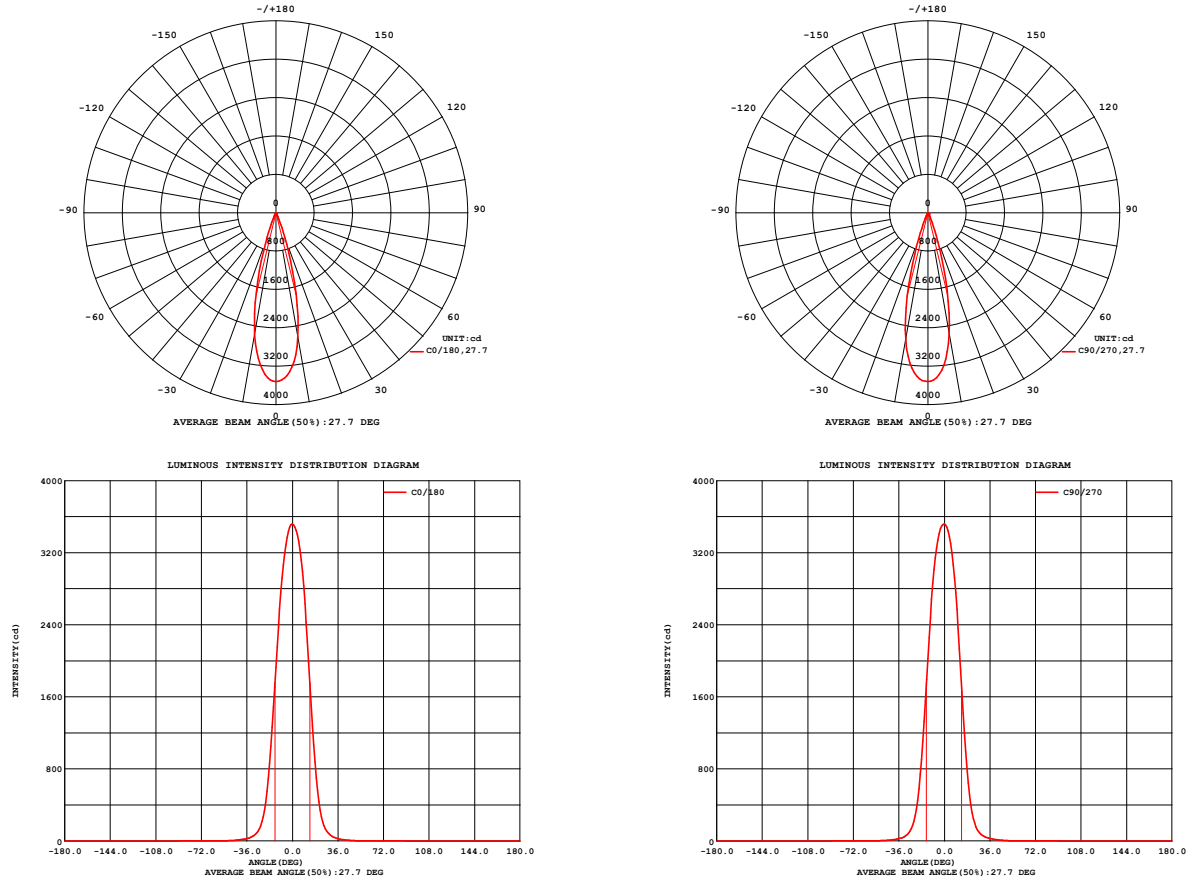


Fig. C0/C180

Fig. C90/C270

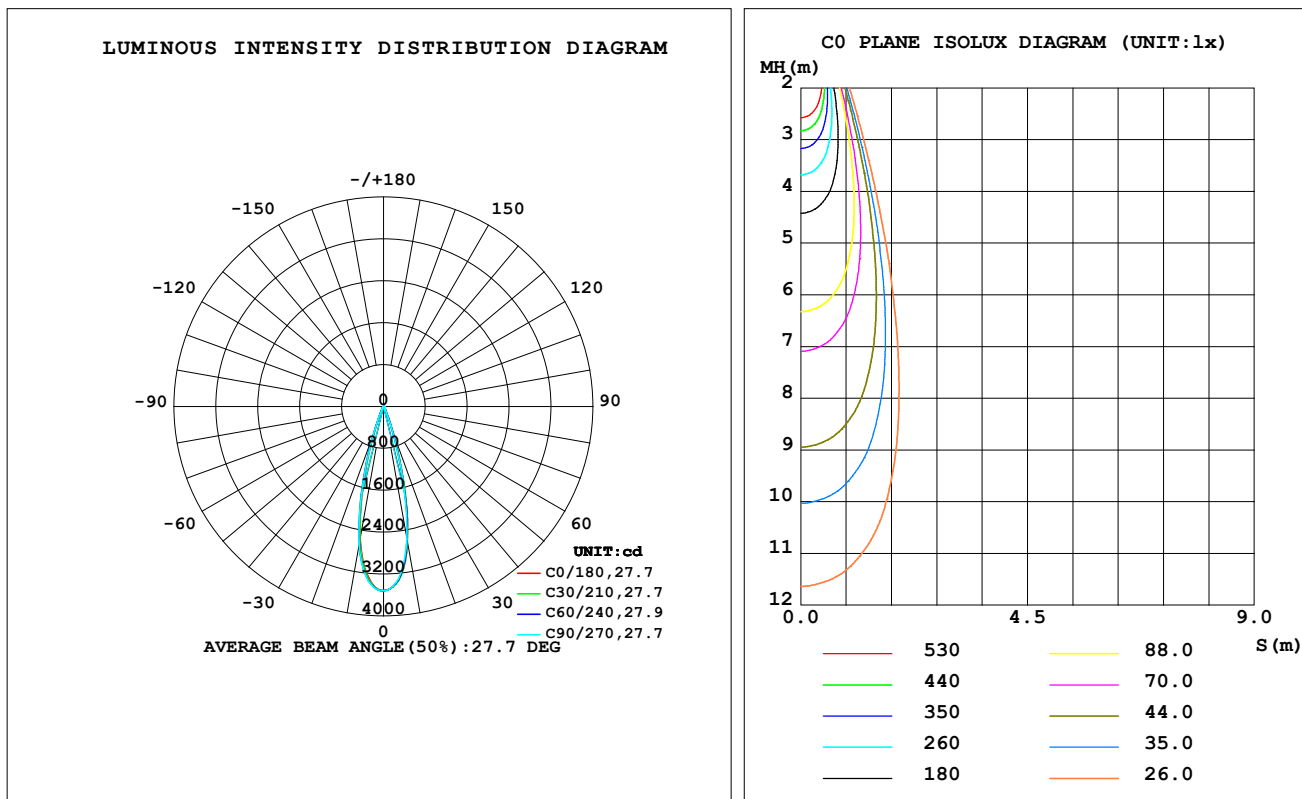
C Range: 0 - 360DEG
C Interval: For a lens beam angle of 24°
Test Speed: HIGH
Temperature: 77.54°F
Operators: zoe
Test Date: 2024-8-14

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: BXRH-30G10T0-G-83 Ra: 90
LENS: PM-1084A 24R
NO DRIVER: 500mA
30minutes warm-up

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.73 lm/W			
MODEL	Brideglux	I _{max} (cd)	3517	S/MH (C0/180)	0.44
NOMINAL POWER (W)	9	LOR (%)	72.8	S/MH (C90/270)	0.45
RATED VOLTAGE (V)	18	TOTAL FLUX (lm)	818.30	η UP, DN (C0-180)	0.0, 35.8
NOMINAL FLUX (lm)	1124.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 37.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	18	η down (%)	72.8	CIBSE SHR MAX	0.30



C Range: 0 - 360DEG

C Interval: For a lens beam angle of 24°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2024-8-14

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: BXRH-30G10T0-G-83 Ra: 90

LENS: PM-1084A 24R

NO DRIVER: 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	2636	2617	2571	2552	2579	2639	2683	2680	0- 10	294.5	294.5	36,26.2
20	558.0	537.7	508.0	515.2	547.5	577.9	577.9	579.7	10- 20	400.2	694.7	84.9,61.8
30	65.16	65.47	61.97	62.13	63.49	64.46	61.78	63.40	20- 30	92.44	787.1	96.2,70
40	14.81	15.48	16.57	16.71	15.97	15.39	15.09	14.91	30- 40	20.51	807.7	98.7,71.8
50	3.140	4.018	3.685	3.867	3.594	3.644	3.661	3.332	40- 50	6.572	814.2	99.5,72.4
60	1.568	1.964	1.505	1.627	1.667	1.755	1.785	1.572	50- 60	1.955	816.2	99.7,72.6
70	0.7509	0.9421	0.7945	0.7554	0.9226	0.9942	0.6886	0.7009	60- 70	1.381	817.6	99.9,72.7
80	0.3059	0.3735	0.3374	0.3046	0.3064	0.2868	0.2845	0.3028	70- 80	0.5561	818.1	100,72.7
90	0	0	0	0	0	0	0	0	80- 90	0.1777	818.3	100,72.8
100	0	0	0	0	0	0	0	0	90-100	0	818.3	100,72.8
110	0	0	0	0	0	0	0	0	100-110	0	818.3	100,72.8
120	0	0	0	0	0	0	0	0	110-120	0	818.3	100,72.8
130	0	0	0	0	0	0	0	0	120-130	0	818.3	100,72.8
140	0	0	0	0	0	0	0	0	130-140	0	818.3	100,72.8
150	0	0	0	0	0	0	0	0	140-150	0	818.3	100,72.8
160	0	0	0	0	0	0	0	0	150-160	0	818.3	100,72.8
170	0	0	0	0	0	0	0	0	160-170	0	818.3	100,72.8
180	0	0	0	0	0	0	0	0	170-180	0	818.3	100,72.8
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:2024-8-14

 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:BXRH-30G10T0-G-83 Ra:90

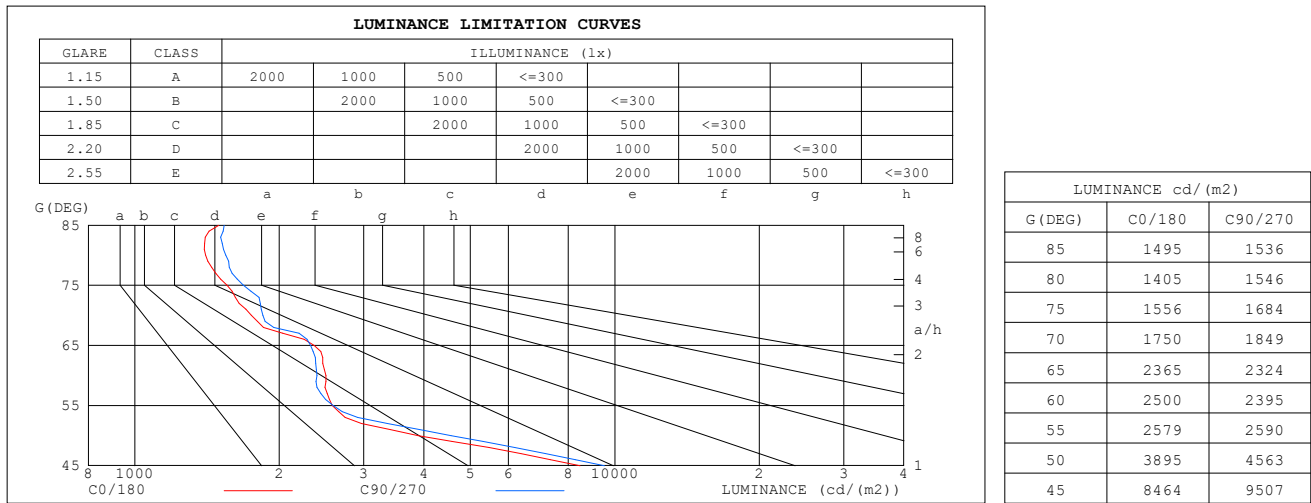
LENS:PM-1084A 24R

NO DRIVER:500mA

30minutes warm-up

LUMINANCE LIMITATION CURVES

Test: U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux: 1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	Shielding Angle:



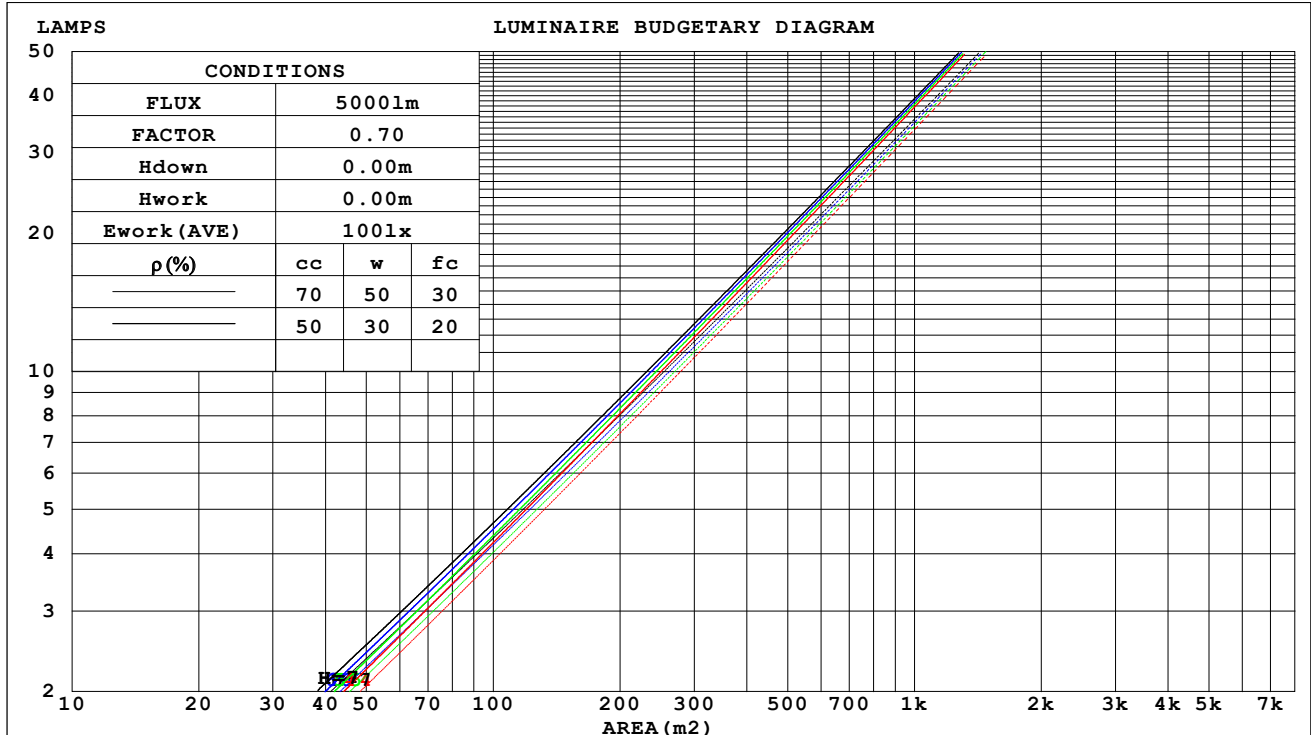
C Range: 0 - 360DEG
C Interval: For a lens beam angle of 24°
Test Speed: HIGH
Temperature: 77.54°F
Operators: zoe
Test Date: 2024-8-14

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: BXRH-30G10T0-G-83 Ra:90
 LENS: PM-1084A 24R
 NO DRIVER: 500mA
 30minutes warm-up

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	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															Coefficients of Utilization(CU)														
0.0	.87	.87	.87	.85	.85	.85	.81	.81	.81	.77	.77	.77	.74	.74	.74	.73														
1.0	.82	.81	.80	.81	.79	.78	.78	.77	.76	.75	.74	.74	.73	.72	.72	.70														
2.0	.79	.76	.75	.77	.75	.74	.75	.74	.72	.73	.72	.71	.71	.70	.69	.68														
3.0	.75	.73	.71	.74	.72	.70	.73	.71	.69	.71	.69	.68	.69	.68	.67	.66														
4.0	.72	.70	.68	.72	.69	.67	.70	.68	.66	.69	.67	.66	.68	.66	.65	.64														
5.0	.70	.67	.65	.69	.67	.65	.68	.66	.64	.67	.65	.64	.66	.64	.63	.62														
6.0	.68	.65	.63	.67	.64	.62	.66	.64	.62	.65	.63	.62	.65	.63	.61	.61														
7.0	.66	.63	.61	.65	.62	.60	.64	.62	.60	.64	.62	.60	.63	.61	.60	.59														
8.0	.64	.61	.59	.63	.61	.59	.63	.60	.58	.62	.60	.58	.61	.60	.58	.57														
9.0	.62	.59	.57	.62	.59	.57	.61	.59	.57	.61	.58	.57	.60	.58	.57	.56														
10.0	.60	.58	.56	.60	.57	.56	.60	.57	.55	.59	.57	.55	.59	.57	.55	.55														



C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2024-8-14

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: BXRH-30G10T0-G-83 Ra: 90
 LENS: PM-1084A 24R
 NO DRIVER: 500mA
 30minutes warm-up

WEC AND CCEC

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	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	.098	.056	.018	.093	.053	.017	.084	.048	.015	.076	.044	.014	.068	.039	.013	
2.0	.090	.049	.015	.086	.048	.015	.079	.044	.014	.072	.040	.013	.066	.037	.012	
3.0	.084	.045	.013	.081	.043	.013	.074	.040	.012	.069	.038	.012	.063	.035	.011	
4.0	.078	.041	.012	.076	.040	.012	.071	.037	.011	.066	.035	.011	.061	.033	.010	
5.0	.074	.038	.011	.071	.037	.011	.067	.035	.010	.063	.033	.010	.059	.032	.009	
6.0	.070	.035	.010	.068	.034	.010	.064	.033	.010	.060	.031	.009	.057	.030	.009	
7.0	.066	.033	.009	.064	.032	.009	.061	.031	.009	.058	.030	.009	.055	.029	.008	
8.0	.063	.031	.009	.062	.030	.009	.059	.029	.008	.056	.028	.008	.053	.027	.008	
9.0	.060	.029	.008	.059	.029	.008	.056	.028	.008	.054	.027	.008	.052	.026	.008	
10.0	.058	.028	.008	.057	.027	.008	.054	.027	.007	.052	.026	.007	.050	.025	.007	

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.139	.139	.139	.118	.118	.118	.081	.081	.081	.046	.046	.046	.015	.015	.015	
1.0	.122	.115	.108	.105	.098	.093	.072	.068	.064	.041	.039	.037	.013	.013	.012	
2.0	.109	.097	.086	.093	.083	.074	.064	.058	.052	.037	.033	.030	.012	.011	.010	
3.0	.098	.082	.070	.084	.071	.061	.058	.049	.043	.033	.029	.025	.011	.009	.008	
4.0	.089	.071	.058	.076	.062	.050	.052	.043	.035	.030	.025	.021	.010	.008	.007	
5.0	.081	.062	.048	.070	.054	.042	.048	.038	.030	.028	.022	.018	.009	.007	.006	
6.0	.074	.055	.041	.064	.048	.036	.044	.033	.025	.026	.020	.015	.008	.006	.005	
7.0	.069	.049	.035	.059	.042	.030	.041	.030	.022	.024	.018	.013	.008	.006	.004	
8.0	.064	.044	.030	.055	.038	.026	.038	.027	.019	.022	.016	.011	.007	.005	.004	
9.0	.060	.040	.026	.052	.035	.023	.036	.024	.016	.021	.014	.010	.007	.005	.003	
10.0	.056	.036	.023	.049	.032	.020	.034	.022	.014	.020	.013	.008	.006	.004	.003	

C Range: 0 - 360DEG

C Interval:For a lens beam angle of 24°

Test Speed: HIGH

Temperature:77.54°F

Operators:zoe

Test Date:2024-8-14

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:BXRH-30G10T0-G-83 Ra:90

LENS:PM-1084A 24R

NO DRIVER:500mA

30minutes warm-up

UGR(Unified Glare Rating) Table

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm											
NAME: CTL-M-1.5-30K-24-RD-AD					TYPE:			WEIGHT:			
SPEC.: 3000K					DIM.:			SERIAL No.: 2408141119			
MFR.: MERCURY LIGHTING					SUR.: 0.001256m2			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	8.5	9.1	8.7	9.3	9.4	8.5	9.2	8.7	9.3	9.5
	3H	8.6	9.2	8.8	9.4	9.5	8.6	9.2	8.8	9.4	9.6
	4H	8.6	9.2	8.8	9.4	9.6	8.6	9.2	8.9	9.4	9.6
	6H	8.6	9.1	8.9	9.3	9.6	8.6	9.1	8.9	9.4	9.6
	8H	8.6	9.1	8.9	9.3	9.6	8.6	9.1	8.9	9.3	9.6
	12H	8.5	9.0	8.8	9.3	9.6	8.6	9.1	8.9	9.3	9.6
4H	2H	8.5	9.0	8.7	9.2	9.4	8.5	9.1	8.7	9.3	9.5
	3H	8.6	9.1	8.9	9.4	9.6	8.6	9.1	8.9	9.3	9.6
	4H	8.6	9.1	9.0	9.4	9.7	8.6	9.1	9.0	9.4	9.7
	6H	8.7	9.1	9.0	9.4	9.7	8.7	9.1	9.0	9.4	9.7
	8H	8.7	9.0	9.0	9.4	9.7	8.7	9.0	9.0	9.4	9.7
	12H	8.6	9.0	9.0	9.4	9.7	8.6	9.0	9.0	9.4	9.7
8H	4H	8.6	9.0	9.0	9.3	9.7	8.6	9.0	9.0	9.3	9.7
	6H	8.6	8.9	9.1	9.3	9.7	8.6	8.9	9.0	9.3	9.7
	8H	8.7	8.9	9.1	9.3	9.8	8.6	8.9	9.1	9.3	9.8
	12H	8.7	8.9	9.1	9.3	9.8	8.7	8.9	9.1	9.3	9.8
12H	4H	8.5	8.9	8.9	9.2	9.6	8.5	8.9	8.9	9.2	9.6
	6H	8.6	8.9	9.0	9.3	9.7	8.6	8.9	9.0	9.3	9.7
	8H	8.6	8.9	9.1	9.3	9.8	8.6	8.9	9.1	9.3	9.8
Variations with the observer position at spacings(CIE Pub.117) :											
S = 1.0H		+ 2.2 / - 3.3					+ 2.5 / - 3.6				
1.5H		+ 3.9 / - 3.4					+ 4.3 / - 3.5				
2.0H		+ 3.0 / - 1.7					+ 3.8 / - 1.9				

CIE Pub.117, 1125 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.4)
 Area: 0.001256 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:2024-8-14

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:BXRH-30G10T0-G-83 Ra:90

LENS:PM-1084A 24R

NO DRIVER:500mA

30minutes warm-up

UTILIZATION FACTORS TABLE

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	Shielding Angle:

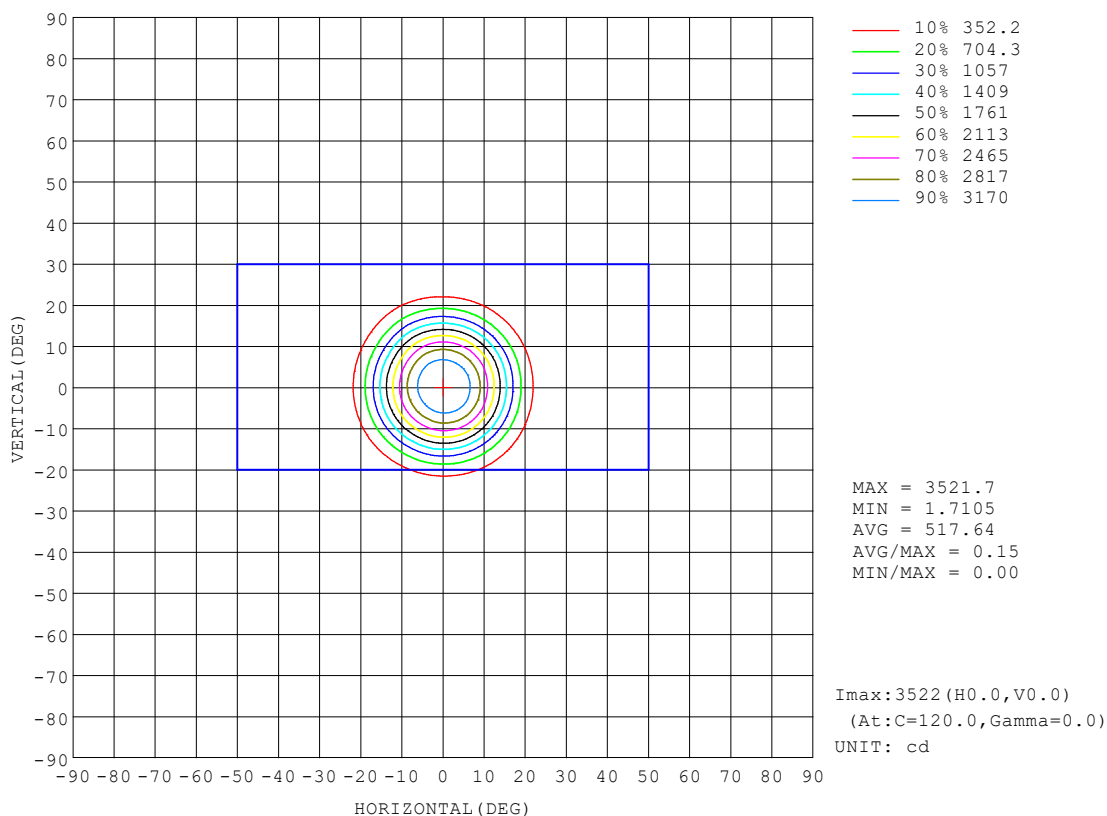
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	66	62	59	66	62	59	65	61	59	57
0.80	71	67	65	71	67	65	70	67	65	62
1.00	74	70	68	73	70	68	72	70	67	65
1.25	76	73	71	76	73	71	74	72	70	67
1.50	78	75	73	77	75	73	76	74	72	69
2.00	80	77	75	79	76	74	77	75	73	70
2.50	81	78	76	80	78	76	78	76	74	70
3.00	82	80	78	81	79	77	78	77	75	71
4.00	83	81	80	82	80	79	79	78	77	72
5.00	84	83	82	83	81	80	80	79	78	73
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: 2024-8-14

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: BXRH-30G10T0-G-83 Ra:90
 LENS: PM-1084A 24R
 NO DRIVER: 500mA
 30minutes warm-up

ISOCANDELA DIAGRAM

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	Shielding Angle:

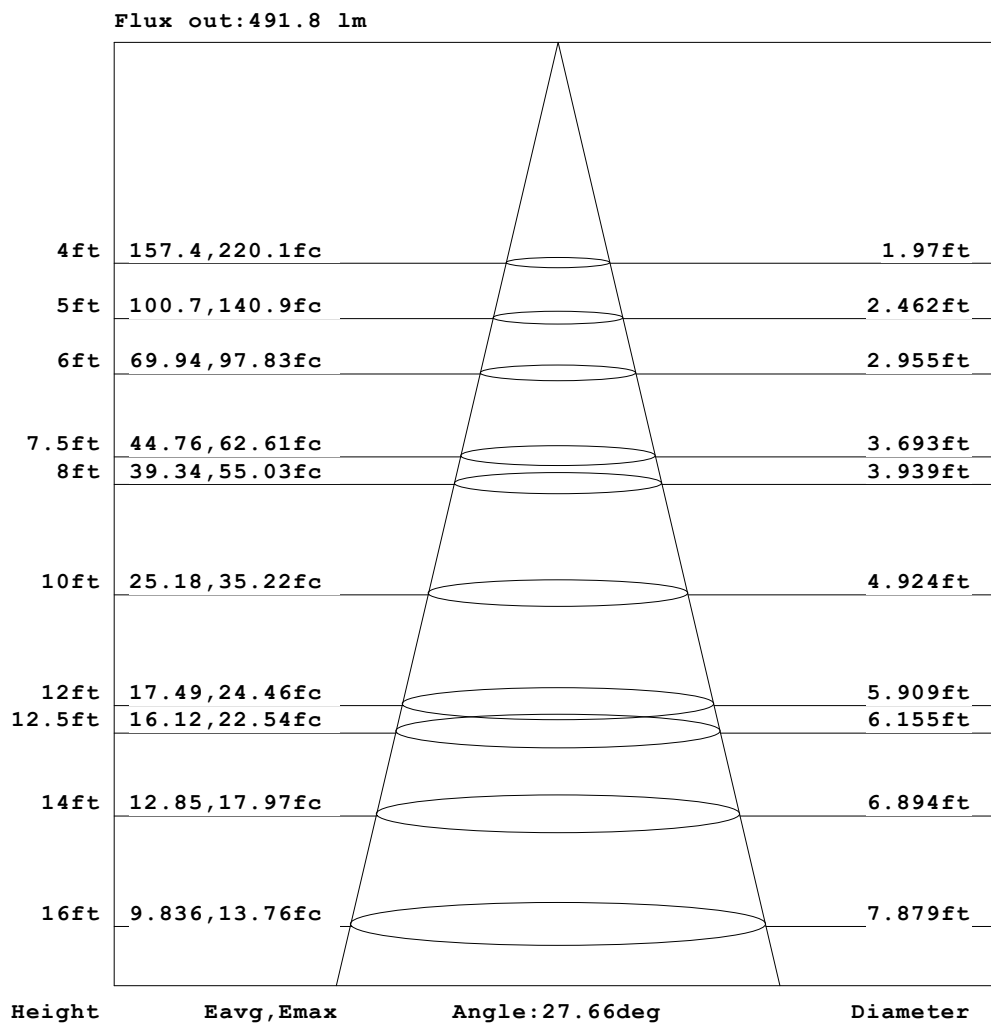


C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2024-8-14

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: BXRH-30G10T0-G-83 Ra: 90
 LENS: PM-1084A 24R
 NO DRIVER: 500mA
 30minutes warm-up

AAI Figure

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	Shielding Angle:



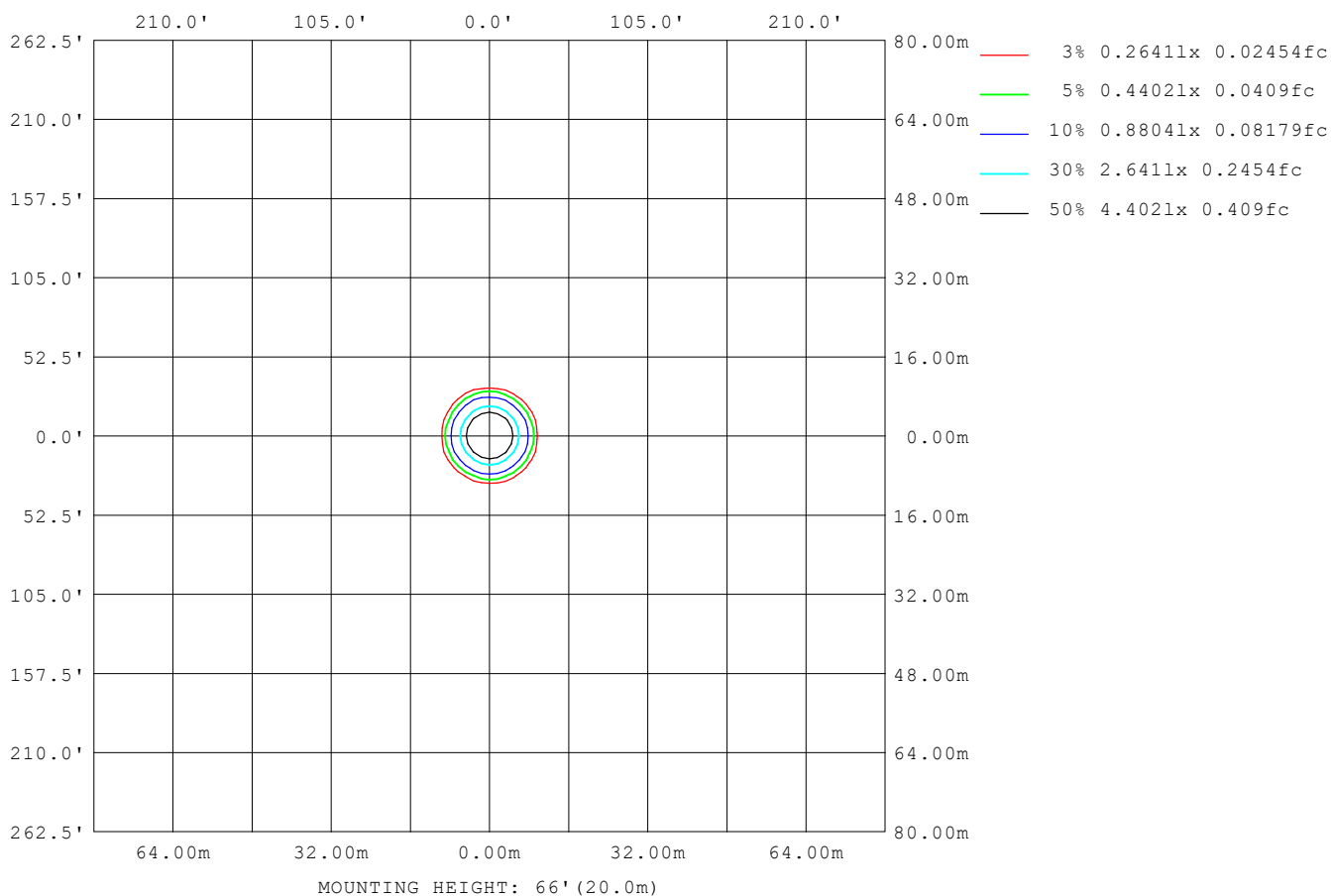
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: For a lens beam angle of 24°
 Test Speed: HIGH
 Temperature: 77.54°F
 Operators: zoe
 Test Date: 2024-8-14

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: BXRH-30G10T0-G-83 Ra:90
 LENS: PM-1084A 24R
 NO DRIVER: 500mA
 30minutes warm-up

ISOLUX DIAGRAM

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	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: 2024-8-14

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: BXRH-30G10T0-G-83 Ra:90
 LENS: PM-1084A 24R
 NO DRIVER: 500mA
 30minutes warm-up

LED Avg.L Report

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	Shielding Angle:

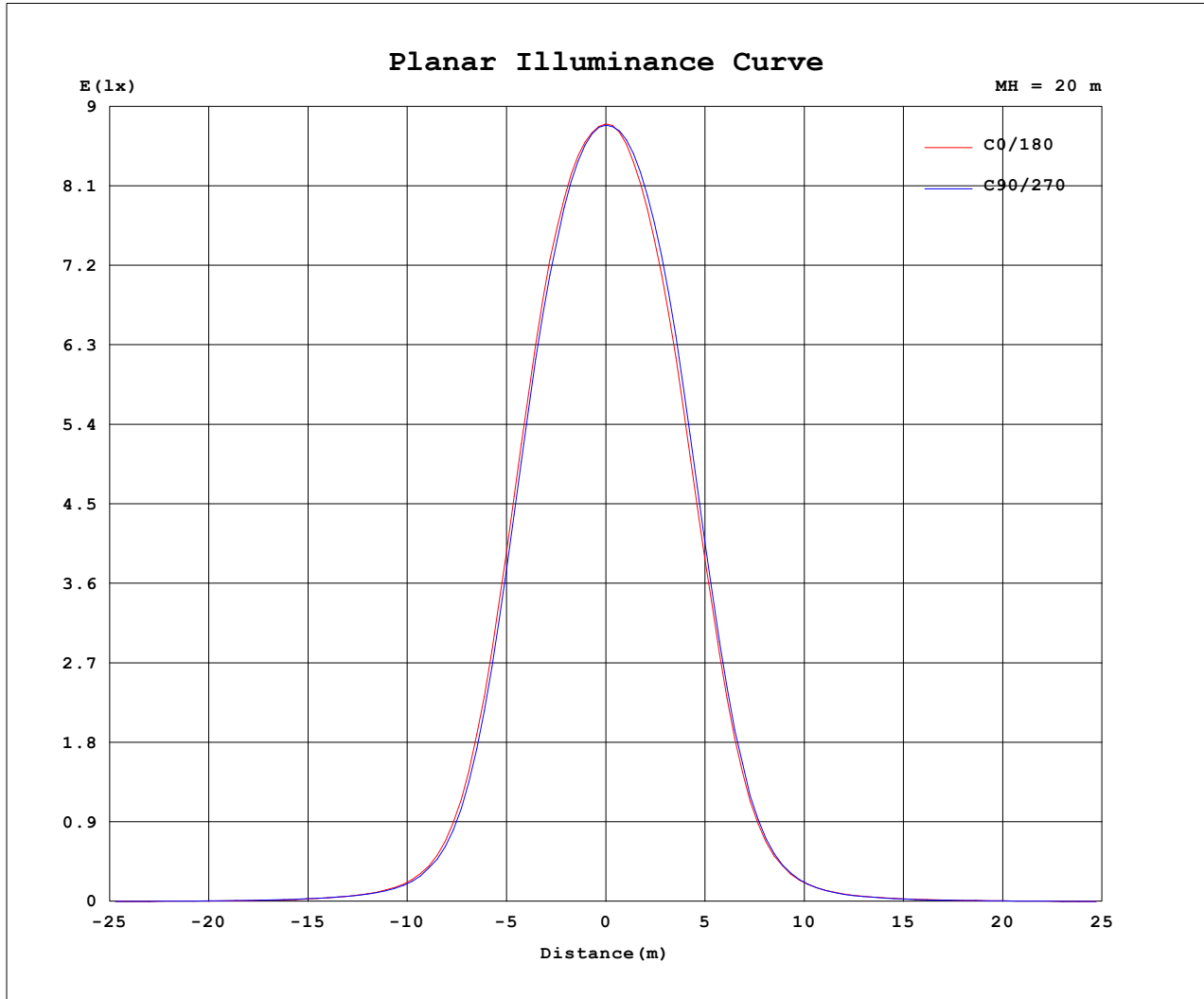
AvgL	cd/m2
L_0~180 (65) av	2684
L_0~180 (75) av	1543
L_0~180 (85) av	1412
L_90~270 (65) av	2727
L_90~270 (75) av	1553
L_90~270 (85) av	1383
L_45 (65) av	2832
L_45 (75) av	1628
L_45 (85) av	1402

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: 2024-8-14

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: BXRH-30G10T0-G-83 Ra: 90
 LENS: PM-1084A 24R
 NO DRIVER: 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: 2024-8-14

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: BXRH-30G10T0-G-83 Ra: 90
LENS: PM-1084A 24R
NO DRIVER: 500mA
30minutes warm-up

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:17.650V I:0.5000A P:8.8250W PF:1.0000 Freq:49.99Hz Lamp Flux:1124.6x1 lm		
NAME: CTL-M-1.5-30K-24-RD-AD	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2408141119
MFR.: MERCURY LIGHTING	SUR.: 0.001256m2	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517	3517						
5	3326	3336	3317	3298	3281	3275	3286	3306	3335	3342	3341	3344						
10	2636	2632	2602	2571	2545	2558	2579	2605	2672	2683	2686	2673						
15	1508	1489	1455	1419	1410	1454	1483	1499	1575	1554	1566	1556						
20	558	548	528	508	500	530	547	553	602	578	582	578						
25	170	168	164	156	151	162	165	166	182	172	174	174						
30	65.2	66.2	64.8	62.0	60.5	63.8	63.5	63.5	65.4	61.8	62.5	64.3						
35	30.8	31.7	31.8	32.3	32.0	32.2	31.2	30.5	30.3	29.4	29.7	30.0						
40	14.8	15.3	15.7	16.6	16.8	16.6	16.0	15.5	15.3	15.1	14.9	14.9						
45	7.51	8.17	8.03	8.45	8.56	8.58	8.20	8.11	8.15	8.02	7.80	7.82						
50	3.14	4.40	3.64	3.69	3.93	3.80	3.59	3.63	3.66	3.66	3.54	3.13						
55	1.86	2.32	2.15	1.87	1.99	1.97	1.90	1.93	1.97	2.04	2.00	1.78						
60	1.57	2.04	1.89	1.50	1.61	1.64	1.67	1.73	1.78	1.78	1.70	1.44						
65	1.25	1.78	1.59	1.23	1.26	1.44	1.60	1.69	1.74	1.66	1.34	1.13						
70	0.75	0.99	0.90	0.79	0.76	0.75	0.92	1.10	0.89	0.69	0.70	0.71						
75	0.51	0.64	0.64	0.55	0.53	0.50	0.50	0.48	0.47	0.46	0.47	0.49						
80	0.31	0.39	0.36	0.34	0.31	0.30	0.31	0.29	0.28	0.28	0.29	0.32						
85	0.16	0.21	0.18	0.17	0.14	0.13	0.15	0.13	0.13	0.13	0.13	0.17						
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 24°

Test Speed: HIGH

Temperature: 77.54°F

Operators: zoe

Test Date: 2024-8-14

γ Range: 0 - 180DEG

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LENS: PM-1084A 24R

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