

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

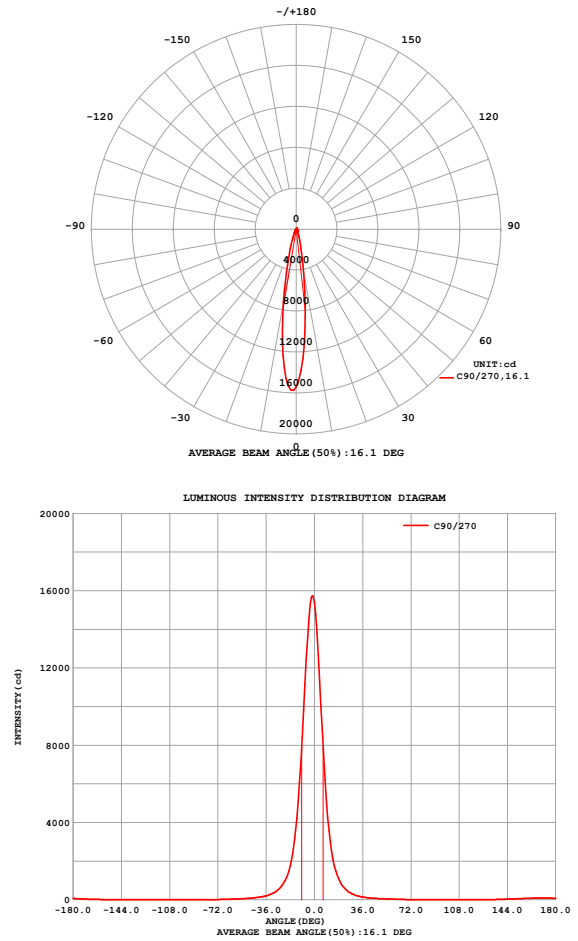
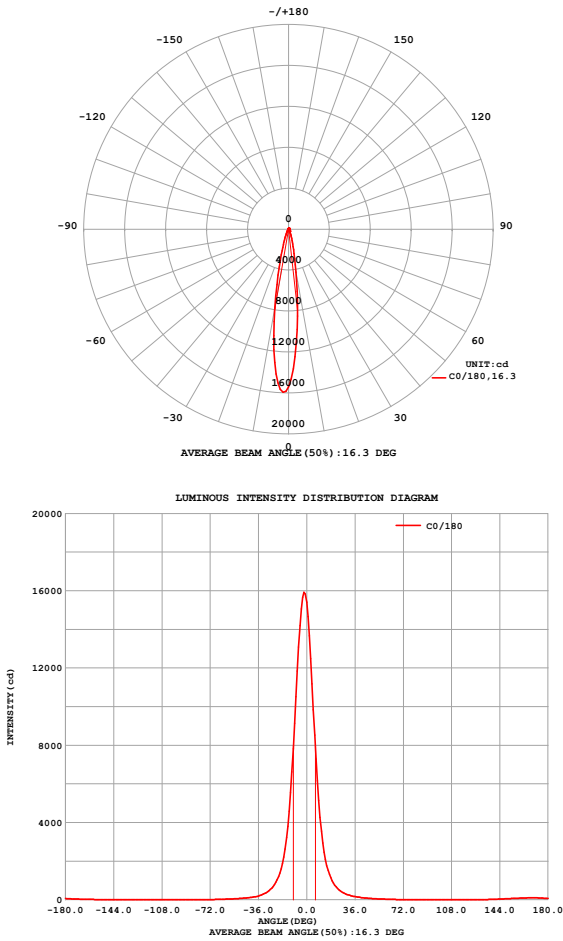


Fig. C0/C180

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-07-30

Fig. C90/C270

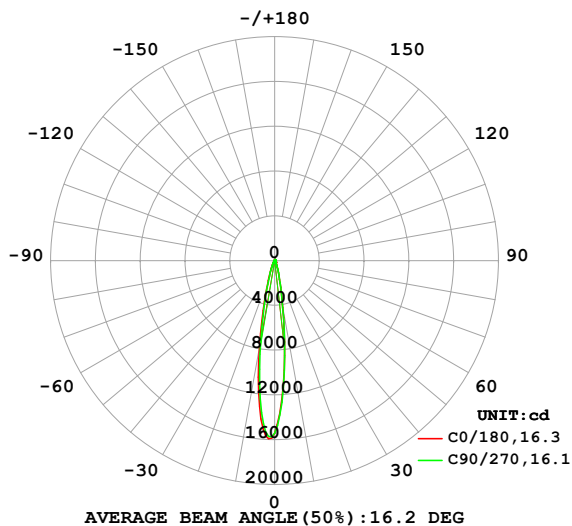
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 8.050m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

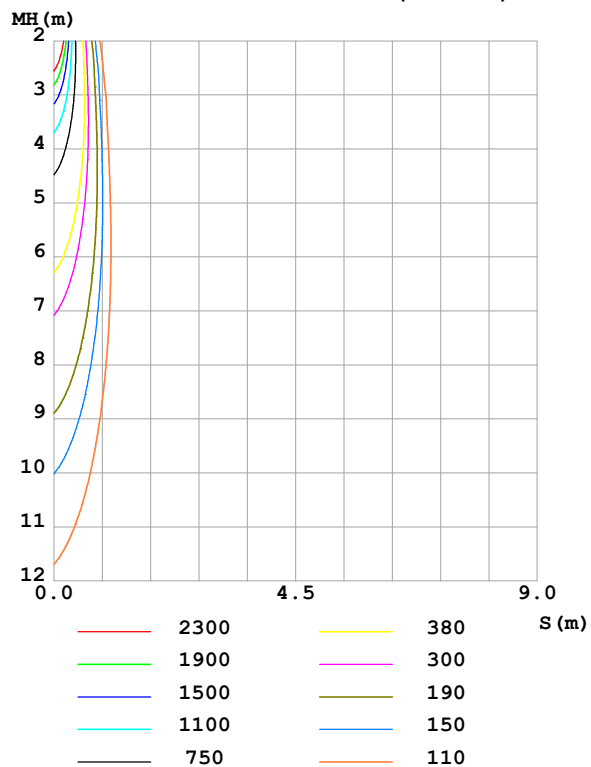
Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3	TYPE:3000K	WEIGHT:
SPEC.:15 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.81 lm/W			
MODEL	BLM Series	Imax(cd)	16224	S/MH(C0/180)	0.34
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	110	TOTAL FLUX(lm)	2239.2	η UP,DN(C0-180)	2.4,41.5
NOMINAL FLUX(lm)	2239.16	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,55.5
LAMPS INSIDE	1	η up(%)	3.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	110	η down(%)	97.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	426.9	392.0	427.3	555.6	781.8	834.2	720.9	547.8	0- 10	928.0	928.0	41.4,41.4
20	86.45	80.11	83.96	105.4	137.9	146.0	128.7	103.8	10- 20	707.9	1636	73.1,73.1
30	28.09	25.57	25.46	29.50	37.35	40.18	36.87	31.68	20- 30	270.6	1907	85.1,85.1
40	12.26	10.86	10.58	11.80	13.90	15.32	14.78	13.10	30- 40	125.6	2032	90.8,90.8
50	6.073	5.433	5.748	5.888	6.842	7.275	7.147	6.315	40- 50	69.36	2102	93.9,93.9
60	2.942	2.719	3.086	2.906	3.329	3.618	3.865	3.134	50- 60	40.90	2142	95.7,95.7
70	1.166	1.119	1.268	1.175	1.360	1.521	1.667	1.315	60- 70	21.13	2164	96.6,96.6
80	0.2351	0.2160	0.3524	0.2385	0.3096	0.3473	0.4779	0.2759	70- 80	7.749	2171	97,97
90	0.0501	0.0539	0.0537	0.0509	0.0165	0.0230	0.0259	0.0233	80- 90	1.317	2173	97,97
100	0.0848	0.0904	0.0897	0.0782	0.0184	0.0168	0.0180	0.0208	90-100	0.4528	2173	97,97
110	0.1556	0.1702	0.1699	0.1444	0.0363	0.0318	0.0367	0.0350	100-110	0.7535	2174	97.1,97.1
120	0.3174	0.3500	0.3496	0.2865	0.0708	0.0617	0.0707	0.0681	110-120	1.358	2175	97.1,97.1
130	0.8277	0.9426	0.9347	0.7048	0.1410	0.1264	0.1444	0.1460	120-130	2.753	2178	97.3,97.3
140	2.696	2.778	2.569	2.154	0.3369	0.2907	0.3540	0.3772	130-140	6.669	2185	97.6,97.6
150	5.729	5.658	5.106	4.877	0.9126	0.8169	0.8566	0.9327	140-150	13.63	2198	98.2,98.2
160	8.745	8.586	7.762	7.785	1.764	1.702	1.696	1.758	150-160	18.24	2216	99,99
170	10.25	9.317	9.282	9.798	3.471	3.404	3.468	3.390	160-170	16.17	2233	99.7,99.7
180	6.927	7.202	7.465	7.787	6.947	7.204	7.478	7.794	170-180	6.527	2239	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 2071.4 lm

%lum = 92.5%

%lamp = 92.5%

Conical surface Flux(120deg): 2142.4 lm

%lum = 95.7%

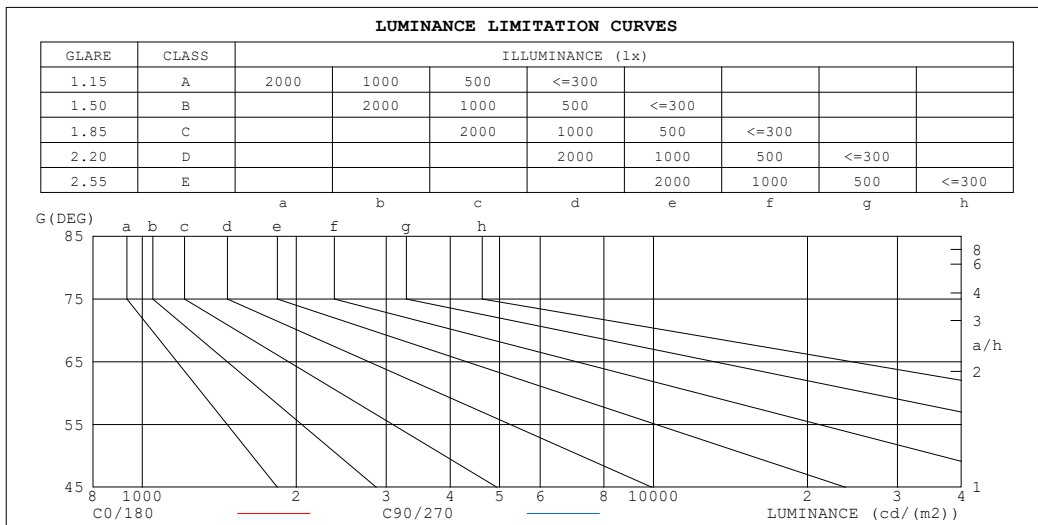
%lamp = 95.7%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3	TYPE:3000K	WEIGHT:
SPEC.:15 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:



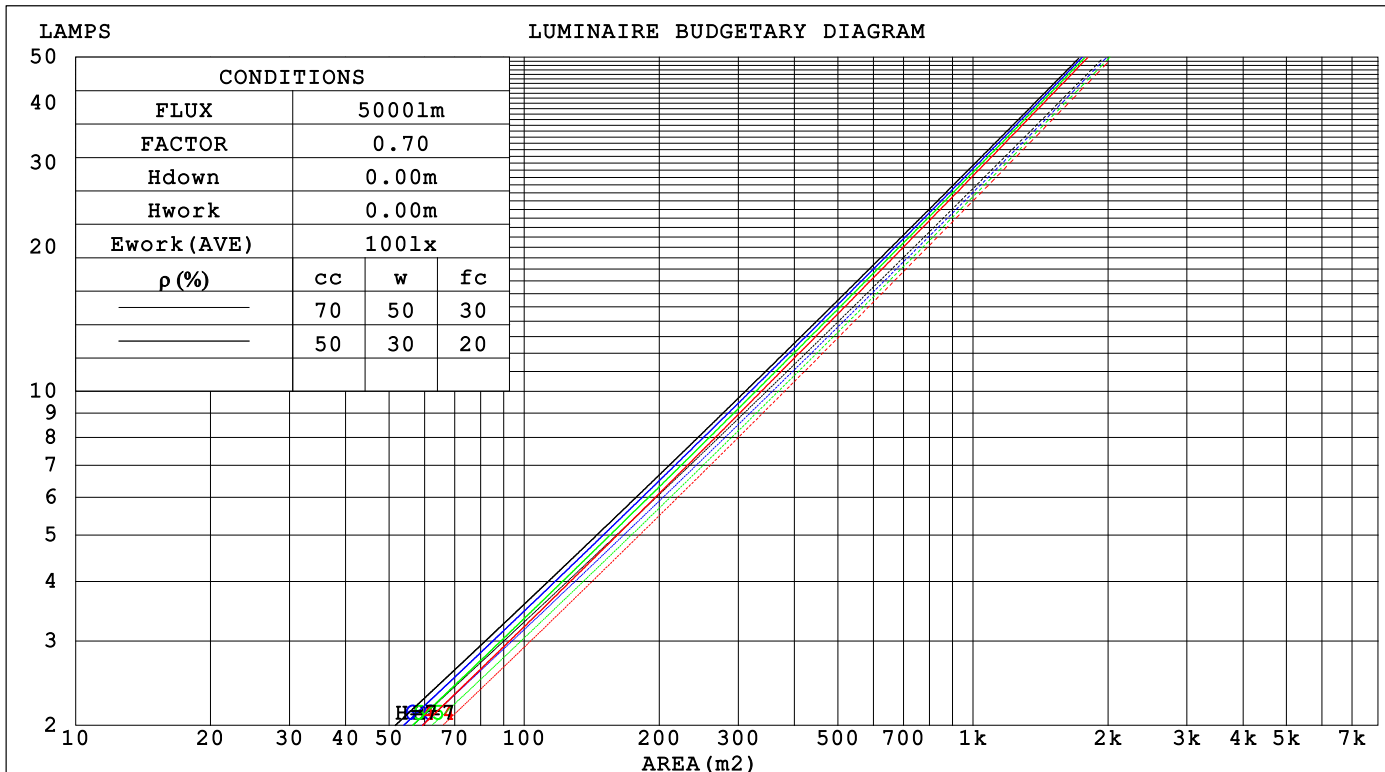
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3	TYPE:3000K	WEIGHT:
SPEC.:15 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.12	1.10	1.08	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.99	.98	.97	.96	.95	.93
2.0	1.06	1.03	.00	1.04	1.01	.99	1.00	.98	.96	.97	.95	.94	.94	.92	.91	.90
3.0	1.01	.97	.94	.99	.96	.93	.96	.94	.91	.94	.91	.89	.91	.89	.88	.86
4.0	.97	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.86	.85	.83
5.0	.93	.88	.85	.92	.88	.85	.90	.86	.84	.88	.85	.83	.86	.84	.82	.81
6.0	.89	.85	.82	.89	.84	.81	.87	.83	.81	.85	.82	.80	.84	.81	.79	.78
7.0	.86	.82	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.82	.79	.77	.76
8.0	.84	.79	.77	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72
10.0	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.76	.73	.71	.70



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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3			TYPE:3000K			WEIGHT:		
SPEC.:15 DEG			DIM.:600mm			SERIAL No.:		
MFR.:			SUR.: 600mm*40mm			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	.147	.084	.027	.140	.080	.025	.126	.072	.023	.113	.065	.021	.101	.058	.019		
2.0	.137	.075	.023	.131	.072	.022	.119	.066	.021	.108	.061	.019	.098	.055	.017		
3.0	.128	.068	.020	.122	.065	.020	.112	.061	.018	.103	.056	.017	.094	.052	.016		
4.0	.119	.062	.018	.115	.060	.018	.106	.056	.017	.098	.053	.016	.090	.049	.015		
5.0	.112	.057	.016	.108	.055	.016	.100	.052	.015	.093	.049	.015	.087	.046	.014		
6.0	.105	.053	.015	.102	.051	.015	.095	.049	.014	.089	.046	.014	.083	.044	.013		
7.0	.099	.049	.014	.096	.048	.014	.090	.046	.013	.085	.044	.013	.080	.041	.012		
8.0	.094	.046	.013	.091	.045	.013	.086	.043	.012	.081	.041	.012	.077	.039	.011		
9.0	.089	.043	.012	.087	.042	.012	.082	.041	.012	.078	.039	.011	.074	.038	.011		
10.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.075	.037	.011	.071	.036	.010		

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	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023		
1.0	.192	.180	.170	.164	.155	.146	.112	.107	.101	.065	.062	.059	.021	.020	.019		
2.0	.175	.156	.140	.150	.134	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016		
3.0	.160	.136	.118	.137	.118	.102	.094	.082	.071	.054	.048	.042	.017	.016	.014		
4.0	.148	.121	.101	.127	.105	.088	.087	.073	.062	.051	.043	.037	.016	.014	.012		
5.0	.138	.109	.088	.118	.094	.077	.081	.066	.054	.047	.039	.032	.015	.013	.011		
6.0	.129	.099	.078	.111	.086	.068	.076	.060	.048	.044	.035	.029	.014	.012	.009		
7.0	.121	.091	.070	.104	.079	.061	.072	.055	.043	.042	.033	.026	.014	.011	.009		
8.0	.115	.085	.064	.099	.073	.056	.068	.051	.039	.040	.030	.024	.013	.010	.008		
9.0	.109	.079	.059	.094	.068	.051	.065	.048	.036	.038	.028	.022	.012	.009	.007		
10.0	.104	.074	.054	.089	.064	.048	.062	.045	.034	.036	.027	.020	.012	.009	.007		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm										
NAME: Blazeline Mini-600mm-3000K-15D-REV3					TYPE:3000K			WEIGHT:		
SPEC.:15 DEG					DIM.:600mm			SERIAL No.:		
MFR.:					SUR.: 600mm*40mm			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	7.0	7.7	7.3	7.9	8.1	6.9	7.6	7.2	7.8	8.0
3H	7.4	8.0	7.7	8.2	8.5	7.4	8.0	7.7	8.2	8.5
4H	7.4	8.0	7.7	8.3	8.5	7.5	8.1	7.8	8.3	8.6
6H	7.4	7.9	7.7	8.2	8.5	7.5	8.1	7.8	8.3	8.6
8H	7.3	7.9	7.7	8.2	8.5	7.5	8.0	7.8	8.3	8.6
12H	7.3	7.8	7.7	8.1	8.5	7.4	8.0	7.8	8.3	8.6
4H 2H	7.2	7.8	7.5	8.0	8.3	7.1	7.7	7.4	7.9	8.2
3H	7.6	8.1	7.9	8.4	8.7	7.6	8.1	7.9	8.4	8.8
4H	7.6	8.1	8.0	8.5	8.8	7.7	8.2	8.1	8.6	8.9
6H	7.6	8.0	8.0	8.4	8.8	7.8	8.2	8.2	8.6	9.0
8H	7.6	8.0	8.0	8.4	8.8	7.8	8.2	8.2	8.6	9.0
12H	7.5	7.9	8.0	8.3	8.7	7.7	8.1	8.2	8.5	9.0
8H 4H	7.6	8.0	8.0	8.4	8.8	7.7	8.1	8.1	8.5	8.9
6H	7.5	7.9	8.0	8.3	8.8	7.7	8.1	8.2	8.5	9.0
8H	7.5	7.8	8.0	8.3	8.8	7.7	8.0	8.2	8.5	9.0
12H	7.5	7.7	8.0	8.2	8.7	7.7	8.0	8.2	8.4	9.0
12H 4H	7.5	7.9	8.0	8.3	8.7	7.6	8.0	8.1	8.4	8.8
6H	7.5	7.8	8.0	8.2	8.7	7.7	8.0	8.2	8.4	8.9
8H	7.5	7.7	8.0	8.2	8.7	7.7	7.9	8.2	8.4	8.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.1 / - 1.4					+ 0.8 / - 1.0				
1.5H	+ 1.6 / - 1.0					+ 1.2 / - 0.7				
2.0H	+ 2.1 / - 1.8					+ 1.5 / - 1.5				

CIE Pub.117, 2239 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)
Area: 0.354025 m2

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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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SPEC.:15 DEG		DIM.:600mm		SERIAL No.:				
MFR.:		SUR.: 600mm*40mm		Shielding Angle:				

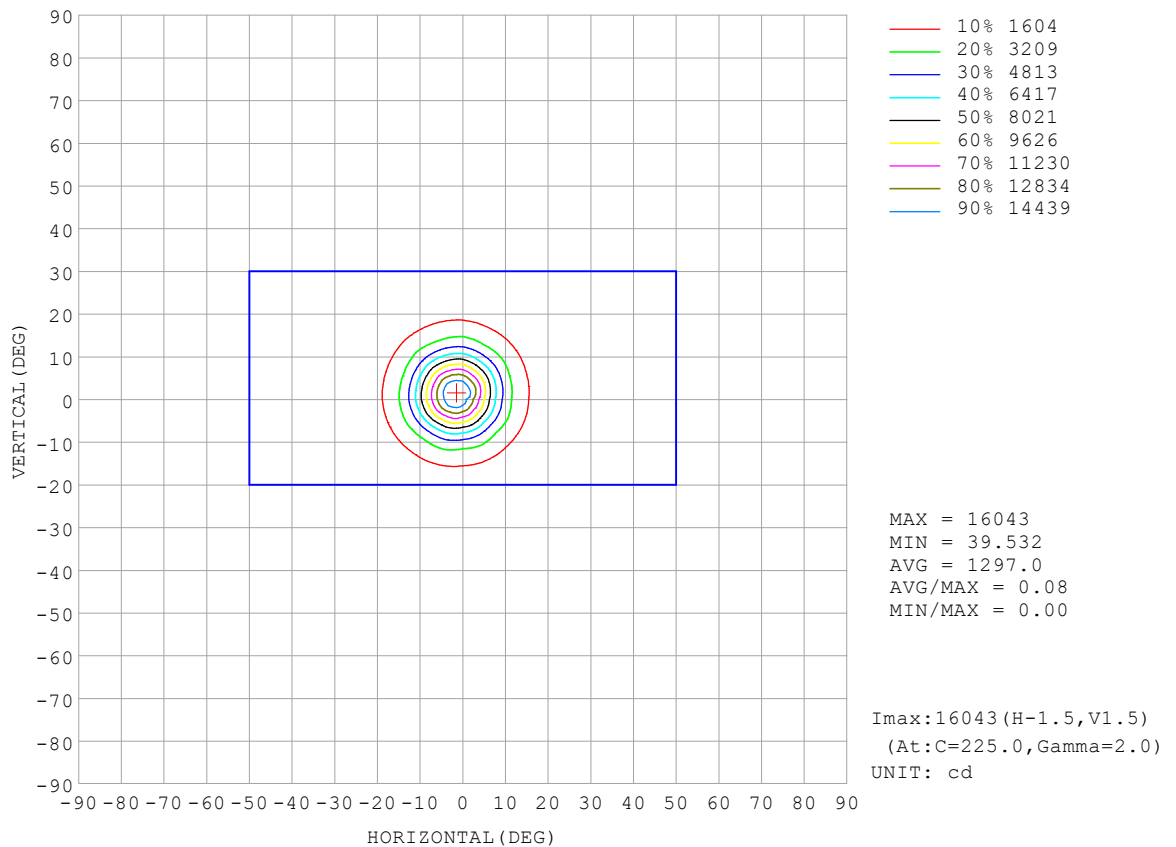
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	76	85	79	75	84	79	75	71
0.80	93	87	83	92	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	100	96	92	98	94	91	87
1.50	104	100	96	103	99	95	100	97	94	89
2.00	107	103	100	106	102	99	102	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	108	110	108	106	106	104	103	95
5.00	114	112	110	112	110	108	107	106	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
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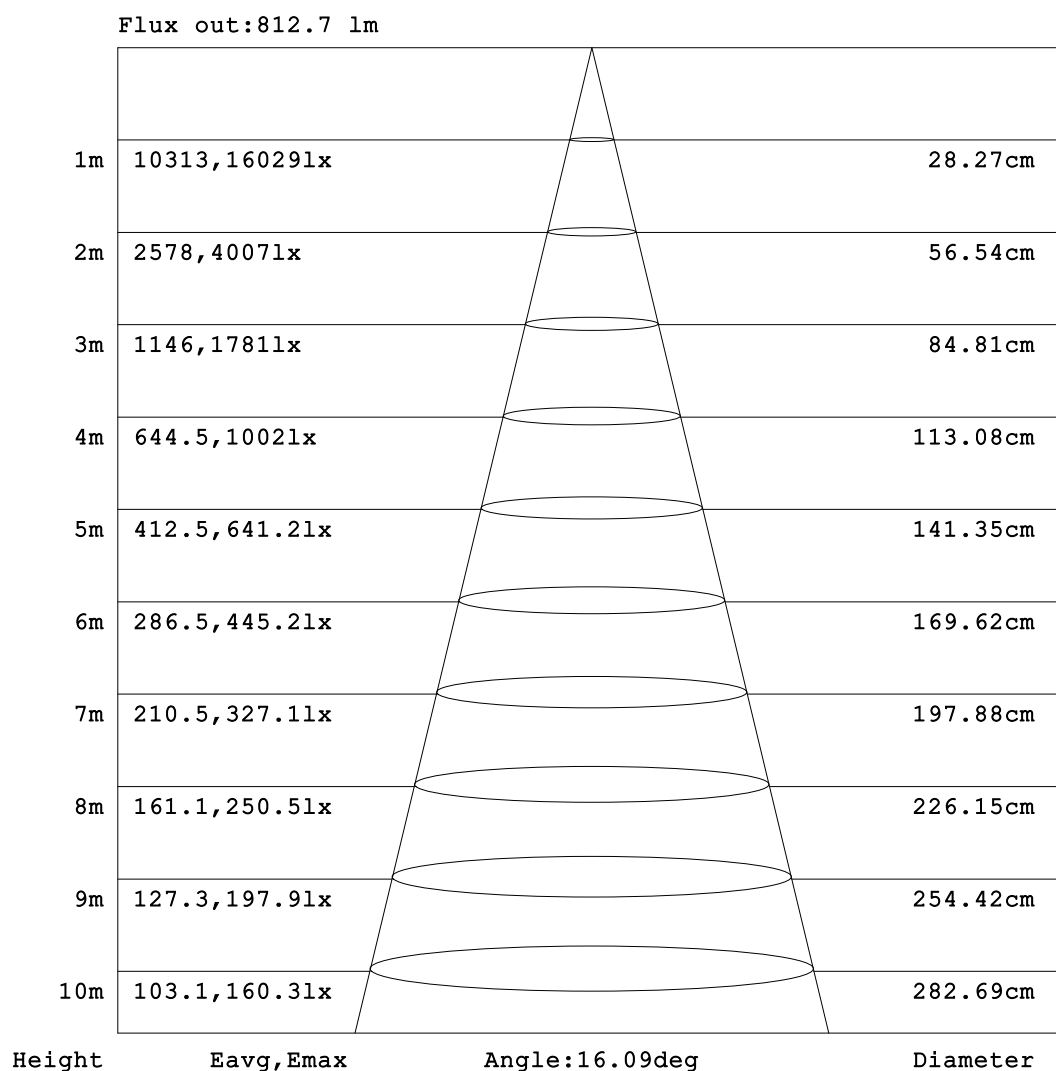


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Remarks:

AAI Figure

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3	TYPE:3000K	WEIGHT:
SPEC.:15 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:



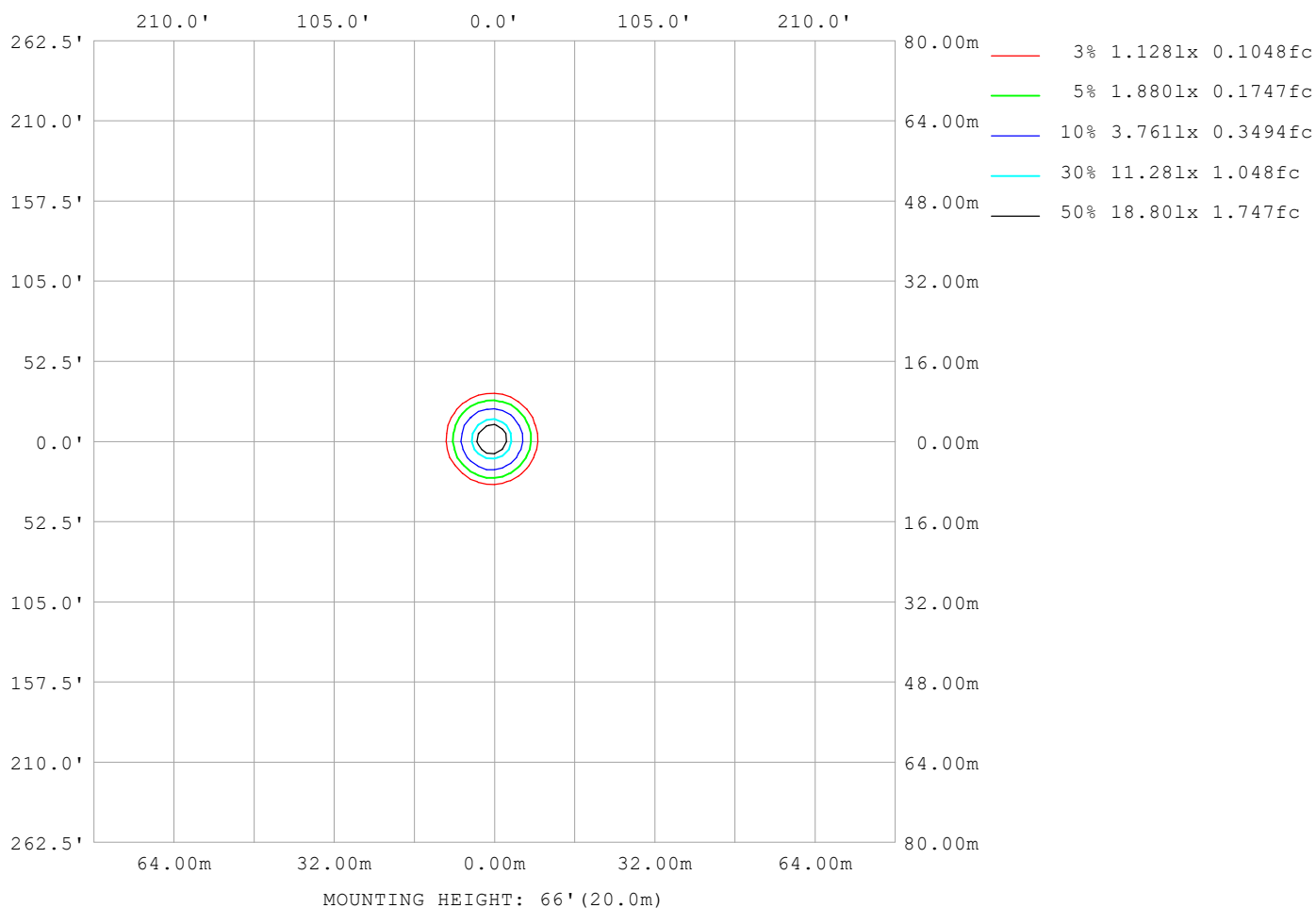
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3	TYPE:3000K	WEIGHT:
SPEC.:15 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3	TYPE:3000K	WEIGHT:
SPEC.:15 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:

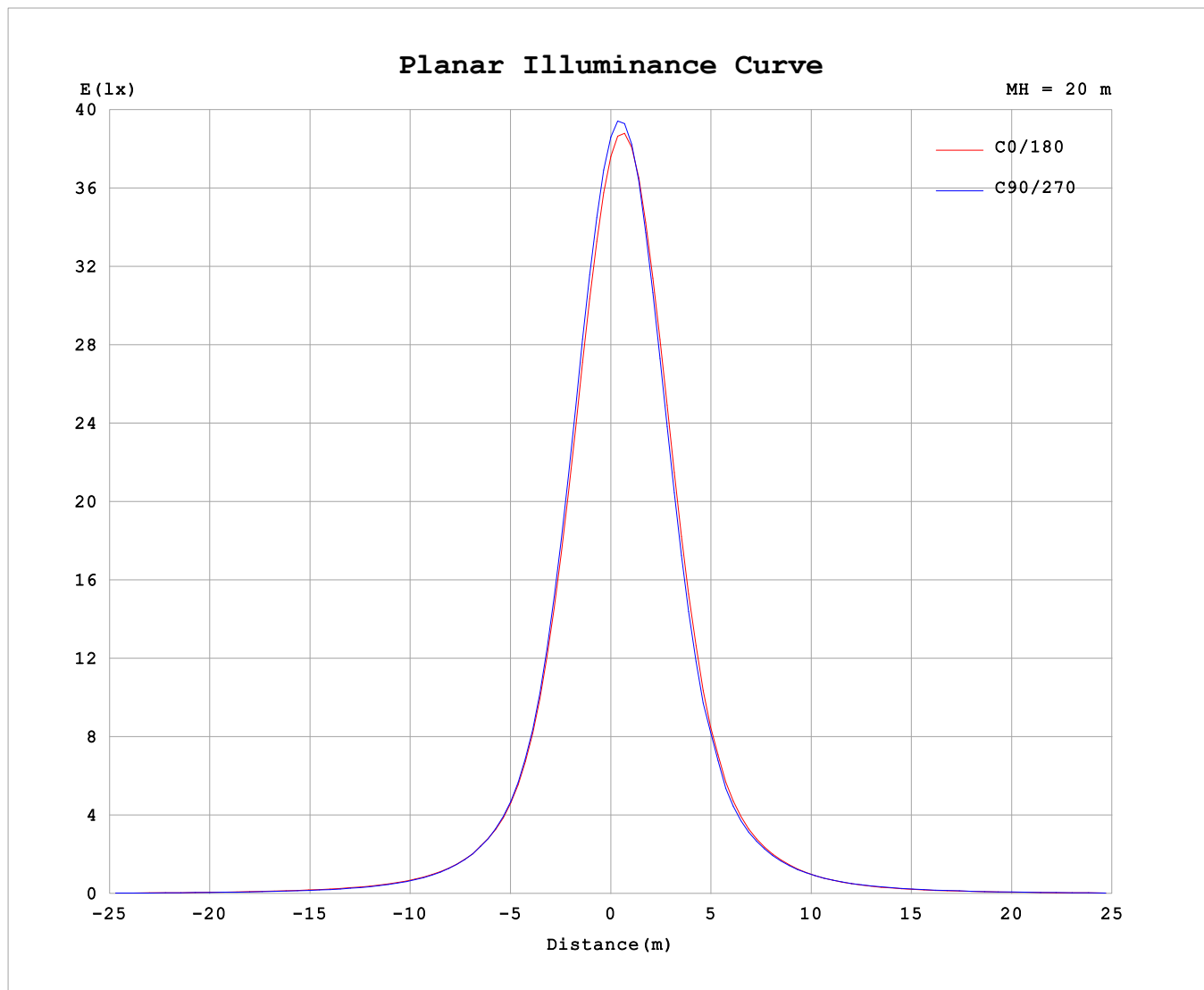
AvgL	cd/m2
L_0~180 (65) av	138
L_0~180 (75) av	73
L_0~180 (85) av	27
L_90~270 (65) av	156
L_90~270 (75) av	93
L_90~270 (85) av	47
L_45 (65) av	139
L_45 (75) av	73
L_45 (85) av	28

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 8.050m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:110.12V I:0.1887A P:20.026W PF:0.9636 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2239.16x1 lm		
NAME: Blazeline Mini-600mm-3000K-15D-REV3	TYPE:3000K	WEIGHT:
SPEC.:15 DEG	DIM.:600mm	SERIAL No.:
MFR.:	SUR.: 600mm*40mm	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540			
5	984	958	937	970	1000	1090	1173	1304	1419	1454	1479	1416	1361	1244	1158	1051			
10	427	409	392	411	427	491	556	667	782	812	834	770	721	616	548	469			
15	176	168	163	168	174	197	222	277	322	326	350	309	301	247	220	189			
20	86.4	83.0	80.1	81.9	84.0	93.2	105	119	138	141	146	136	129	116	104	91.1			
25	47.1	45.0	43.2	43.6	44.2	48.4	52.8	60.0	69.4	71.2	73.9	69.3	66.4	59.6	55.2	49.1			
30	28.1	27.0	25.6	25.7	25.5	27.8	29.5	32.7	37.4	38.4	40.2	38.1	36.9	33.6	31.7	28.8			
35	18.2	17.2	16.3	15.8	15.9	16.9	18.1	19.5	21.8	22.7	23.8	23.1	22.5	20.9	19.8	18.4			
40	12.3	11.5	10.9	10.5	10.6	11.1	11.8	12.6	13.9	14.5	15.3	15.1	14.8	13.8	13.1	12.5			
45	8.53	8.02	7.59	7.46	7.61	7.80	8.17	8.71	9.55	9.93	10.4	10.2	10.1	9.36	8.97	8.53			
50	6.07	5.70	5.43	5.45	5.75	5.71	5.89	6.25	6.84	7.07	7.28	7.21	7.15	6.64	6.32	6.02			
55	4.29	4.01	3.87	3.96	4.44	4.14	4.20	4.42	4.84	5.04	5.18	5.17	5.27	4.79	4.50	4.25			
60	2.94	2.74	2.72	2.83	3.09	2.92	2.91	2.97	3.33	3.45	3.62	3.66	3.87	3.39	3.13	2.90			
65	1.93	1.78	1.84	1.88	2.05	1.95	1.94	1.91	2.20	2.26	2.43	2.48	2.63	2.29	2.11	1.88			
70	1.17	1.06	1.12	1.16	1.27	1.22	1.17	1.15	1.36	1.39	1.52	1.57	1.67	1.45	1.31	1.13			
75	0.60	0.54	0.56	0.67	0.73	0.69	0.60	0.61	0.74	0.75	0.83	0.89	0.97	0.83	0.70	0.57			
80	0.24	0.20	0.22	0.29	0.35	0.31	0.24	0.25	0.31	0.31	0.35	0.43	0.48	0.39	0.28	0.22			
85	0.08	0.07	0.08	0.09	0.12	0.10	0.09	0.09	0.08	0.09	0.10	0.12	0.17	0.10	0.08	0.06			
90	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02			
95	0.06	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02			
100	0.08	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
105	0.11	0.12	0.12	0.13	0.12	0.12	0.11	0.10	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03			
110	0.16	0.16	0.17	0.17	0.17	0.16	0.14	0.14	0.04	0.03	0.03	0.03	0.04	0.03	0.03	0.03			
115	0.22	0.23	0.24	0.24	0.24	0.22	0.20	0.19	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.05			
120	0.32	0.33	0.35	0.35	0.35	0.32	0.29	0.26	0.07	0.06	0.06	0.06	0.07	0.07	0.07	0.07			
125	0.49	0.51	0.55	0.56	0.55	0.49	0.43	0.39	0.10	0.09	0.09	0.09	0.10	0.10	0.10	0.10			
130	0.83	0.86	0.94	0.96	0.93	0.82	0.70	0.61	0.14	0.13	0.13	0.13	0.14	0.14	0.15	0.15			
135	1.52	1.57	1.67	1.65	1.60	1.41	1.24	1.06	0.21	0.19	0.18	0.20	0.22	0.23	0.23	0.23			
140	2.70	2.73	2.78	2.66	2.57	2.34	2.15	1.91	0.34	0.30	0.29	0.32	0.35	0.37	0.38	0.39			
145	4.20	4.19	4.16	3.94	3.78	3.59	3.43	3.20	0.57	0.51	0.49	0.52	0.57	0.60	0.62	0.65			
150	5.73	5.71	5.66	5.35	5.11	5.01	4.88	4.68	0.91	0.84	0.82	0.83	0.86	0.89	0.93	0.98			
155	7.25	7.24	7.18	6.75	6.44	6.47	6.35	6.15	1.32	1.27	1.23	1.22	1.22	1.24	1.30	1.37			
160	8.75	8.73	8.59	7.97	7.76	7.87	7.78	7.59	1.76	1.72	1.70	1.71	1.70	1.69	1.76	1.87			
165	9.96	9.91	9.50	8.76	8.85	9.00	9.05	8.96	2.39	2.31	2.33	2.37	2.40	2.31	2.43	2.64			
170	10.3	9.99	9.32	8.84	9.28	9.60	9.80	9.86	3.47	3.39	3.40	3.51	3.47	3.23	3.39	3.76			
175	8.95	8.33	7.98	8.34	8.71	9.20	9.42	9.57	4.94	5.02	5.09	5.35	5.06	4.88	4.93	5.22			
180	6.93	7.07	7.20	7.67	7.46	7.62	7.79	7.92	6.95	7.08	7.20	7.68	7.48	7.64	7.79	7.93			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	15401	15401	15401	15401	15401	15401	15401	15401	15401	15401
3.0	12478	12278	12121	12379	12647	13327	13959	14886	15655	15912
6.0	8528	8256	8041	8369	8659	9582	10429	11842	13079	13459
9.0	5151	4924	4732	4958	5181	5909	6633	7883	9135	9455
12.0	2944	2926	2701	2934	2940	3493	3828	4639	5545	5742
15.0	1761	1684	1625	1681	1745	1974	2225	2765	3218	3256
18.0	1156	1083	1076	1074	1122	1236	1373	1603	1879	1925
21.0	761.9	728.5	704.7	717.3	734.9	811.8	895.0	1028	1194	1250
24.0	528.6	504.8	486.0	491.5	499.7	548.5	598.4	684.2	791.8	812.4
27.0	378.7	360.6	346.7	347.3	350.6	380.4	413.4	465.5	537.4	552.3
30.0	280.9	270.5	255.7	256.7	254.6	278.0	295.0	327.2	373.5	384.1
33.0	214.6	203.5	193.7	189.7	190.3	203.6	217.9	237.9	271.6	277.0
36.0	167.6	158.3	149.6	145.4	145.6	154.6	165.5	177.9	197.9	206.3
39.0	133.3	124.7	117.3	113.7	114.0	120.4	128.5	136.9	151.3	157.9
42.0	105.5	99.53	93.45	91.19	92.03	95.77	101.0	108.1	118.9	123.8
45.0	85.29	80.17	75.85	74.59	76.11	78.00	81.70	87.09	95.50	99.31
48.0	69.52	65.33	62.07	61.82	63.95	64.68	66.90	71.29	78.16	80.69
51.0	56.81	53.18	50.82	51.21	54.67	53.68	55.18	58.48	64.00	66.06
54.0	46.10	43.15	41.45	42.23	46.99	44.36	45.13	47.48	51.99	54.06
57.0	37.08	34.53	33.69	34.70	39.01	36.12	36.41	37.87	41.84	43.54
60.0	29.42	27.37	27.19	28.26	30.86	29.16	29.06	29.70	33.29	34.54
63.0	22.97	21.27	21.69	22.36	24.31	23.07	22.98	22.92	26.14	27.04
66.0	17.58	16.17	16.92	17.18	18.75	17.87	17.75	17.41	20.11	20.67
69.0	13.03	11.93	12.54	12.89	14.03	13.45	13.12	12.82	15.09	15.42
72.0	9.166	8.300	8.725	9.360	10.31	9.769	9.191	9.130	10.92	11.11
75.0	5.998	5.355	5.609	6.691	7.343	6.901	6.019	6.088	7.439	7.541
78.0	3.517	3.086	3.257	4.391	4.826	4.612	3.555	3.688	4.591	4.649
81.0	1.862	1.638	1.728	2.320	2.956	2.455	1.917	2.062	2.473	2.526
84.0	0.9752	0.8854	0.9447	1.173	1.575	1.226	1.047	1.106	1.141	1.159
87.0	0.6252	0.5985	0.6450	0.6790	0.7659	0.6895	0.6707	0.6799	0.4392	0.4885
90.0	0.5005	0.5406	0.5391	0.5501	0.5365	0.5360	0.5089	0.5089	0.1649	0.2232
93.0	0.5645	0.6085	0.5933	0.6137	0.5892	0.5718	0.5301	0.5361	0.1239	0.1319
96.0	0.6648	0.7221	0.7013	0.7290	0.6969	0.6650	0.6173	0.6160	0.1424	0.1414
99.0	0.8017	0.8409	0.8455	0.8774	0.8483	0.7981	0.7247	0.7267	0.1702	0.1509
102.0	0.9537	1.009	1.022	1.048	1.023	0.9628	0.8735	0.8367	0.2020	0.1679
105.0	1.145	1.199	1.239	1.250	1.228	1.156	1.056	1.002	0.2617	0.2173
108.0	1.370	1.447	1.489	1.516	1.497	1.392	1.272	1.210	0.3171	0.2586
111.0	1.663	1.736	1.807	1.826	1.814	1.682	1.537	1.454	0.3907	0.3309
114.0	2.038	2.115	2.223	2.236	2.228	2.043	1.869	1.754	0.4682	0.4083
117.0	2.520	2.621	2.761	2.773	2.767	2.518	2.294	2.147	0.5795	0.5029
120.0	3.174	3.287	3.500	3.512	3.496	3.154	2.865	2.639	0.7079	0.6165
123.0	4.090	4.224	4.551	4.595	4.551	4.038	3.653	3.299	0.8552	0.7668
126.0	5.400	5.633	6.085	6.168	6.084	5.364	4.743	4.214	1.065	0.9384
129.0	7.417	7.716	8.420	8.531	8.393	7.307	6.341	5.548	1.324	1.177
132.0	10.51	10.90	11.85	11.89	11.65	10.16	8.778	7.528	1.642	1.483
135.0	15.15	15.66	16.68	16.46	16.00	14.10	12.38	10.57	2.099	1.897
138.0	21.63	22.09	22.87	22.20	21.44	19.32	17.35	15.13	2.761	2.494
141.0	29.81	30.02	30.40	28.99	27.92	25.71	23.88	21.38	3.724	3.352
144.0	38.87	38.86	38.72	36.72	35.20	33.20	31.53	29.21	5.124	4.581
147.0	48.12	47.98	47.54	44.99	43.01	41.45	39.99	37.85	6.928	6.272
150.0	57.29	57.11	56.58	53.55	51.06	50.09	48.77	46.83	9.126	8.432
153.0	66.42	66.25	65.74	61.99	59.12	58.89	57.59	55.64	11.51	10.90
156.0	75.50	75.42	74.74	70.14	67.05	67.64	66.35	64.35	14.03	13.53
159.0	84.57	84.44	83.28	77.50	75.04	76.02	75.03	73.09	16.68	16.25
162.0	92.96	92.68	90.43	83.62	82.57	83.65	83.24	81.62	19.72	19.24
165.0	99.55	99.07	95.00	87.62	88.53	90.01	90.54	89.56	23.86	23.12
168.0	102.8	101.5	95.62	88.91	92.05	94.58	96.02	96.00	29.70	28.80
171.0	101.3	97.99	91.16	88.13	92.45	96.22	98.26	99.27	37.52	36.89
174.0	93.68	87.70	82.90	84.89	88.66	93.93	95.97	97.55	46.57	46.78
177.0	81.00	79.08	77.82	83.86	84.58	87.53	89.56	90.75	55.65	57.88
180.0	69.27	70.73	72.02	76.67	74.65	76.21	77.87	79.17	69.47	70.84
G/C	225.0	247.5	270.0	292.5	315.0	337.5				
0.0	15401	15401	15401	15401	15401	15401				
3.0	16097	15667	15314	14467	13857	13029				
6.0	13733	13020	12436	11187	10309	9203				
9.0	9702	9004	8464	7295	6537	5619				
12.0	5934	5415	5053	4282	3797	3219				
15.0	3503	3090	3006	2470	2199	1889				
18.0	1985	1839	1730	1517	1368	1225				
21.0	1264	1203	1119	1017	910.4	799.5				
24.0	839.8	789.1	752.6	675.1	621.8	553.0				
27.0	574.2	540.7	519.2	468.7	436.3	392.3				
30.0	401.8	381.1	368.7	336.3	316.8	287.8				

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Photometric Data Table [cd]

33.0	294.6	278.7	274.4	250.3	236.7	218.5
36.0	217.0	210.7	205.6	191.6	181.9	169.8
39.0	166.7	163.3	160.3	149.0	141.9	134.5
42.0	130.3	129.3	126.2	117.2	111.9	106.1
45.0	103.6	102.2	100.8	93.61	89.67	85.34
48.0	83.52	82.47	81.68	75.84	72.48	69.04
51.0	68.04	67.32	67.11	62.18	59.08	56.24
54.0	55.55	55.18	55.98	51.16	48.25	45.68
57.0	45.15	45.27	46.81	41.95	39.12	36.62
60.0	36.18	36.64	38.65	33.94	31.34	28.98
63.0	28.64	29.18	30.87	27.02	24.89	22.52
66.0	22.30	22.75	24.22	21.06	19.38	17.09
69.0	16.82	17.35	18.37	16.03	14.57	12.57
72.0	12.15	12.75	13.52	11.77	10.44	8.811
75.0	8.252	8.859	9.677	8.256	6.969	5.714
78.0	5.130	5.946	6.543	5.520	4.183	3.311
81.0	2.780	3.432	3.960	3.097	2.170	1.698
84.0	1.291	1.570	2.176	1.427	0.9999	0.7943
87.0	0.5181	0.6090	0.8981	0.5656	0.4311	0.4309
90.0	0.2299	0.2570	0.2590	0.2441	0.2332	0.2491
93.0	0.1359	0.1531	0.1975	0.1871	0.1768	0.2169
96.0	0.1442	0.1561	0.1610	0.1796	0.1769	0.2051
99.0	0.1586	0.1590	0.1788	0.1898	0.1990	0.2096
102.0	0.1903	0.1783	0.2147	0.2001	0.2299	0.2301
105.0	0.2269	0.2146	0.2594	0.2300	0.2610	0.2607
108.0	0.2856	0.2679	0.3178	0.2791	0.3094	0.3052
111.0	0.3452	0.3306	0.3893	0.3490	0.3678	0.3759
114.0	0.4214	0.4149	0.4838	0.4333	0.4554	0.4424
117.0	0.5175	0.5183	0.5688	0.5265	0.5393	0.5487
120.0	0.6171	0.6343	0.7071	0.6633	0.6808	0.6769
123.0	0.7723	0.7726	0.8730	0.8326	0.8356	0.8269
126.0	0.9474	0.9656	1.075	1.049	1.057	1.034
129.0	1.176	1.210	1.343	1.327	1.343	1.338
132.0	1.465	1.522	1.703	1.722	1.738	1.763
135.0	1.833	1.966	2.203	2.277	2.277	2.332
138.0	2.397	2.617	2.926	3.080	3.081	3.198
141.0	3.223	3.505	3.892	4.128	4.178	4.367
144.0	4.398	4.735	5.171	5.463	5.628	5.856
147.0	6.102	6.307	6.735	7.064	7.323	7.705
150.0	8.169	8.260	8.566	8.906	9.327	9.788
153.0	10.58	10.54	10.63	10.95	11.47	12.06
156.0	13.22	13.11	13.00	13.23	13.86	14.57
159.0	16.00	16.01	15.87	15.88	16.58	17.52
162.0	19.16	19.41	19.45	19.06	19.93	21.28
165.0	23.26	23.72	23.98	23.06	24.31	26.39
168.0	29.00	29.79	29.92	28.16	29.70	32.44
171.0	36.92	38.24	37.29	34.85	36.21	40.27
174.0	47.15	49.19	46.73	44.53	45.27	48.56
177.0	59.04	62.66	59.51	58.94	59.33	61.46
180.0	72.04	76.75	74.78	76.39	77.94	79.29

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks: