

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	4911.6 cd per klm.
(Luminaire orientation as tested.)	-3.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	61.7V x 26.5H
	At 50% of Imax	42.5V x 11.8H
	At 90% of Imax	28.2V x 4.8H

Beam Flux	Total	1001.0 lumens per klm.
	To 10% of Imax	801.2 lumens per klm.
	To 50% of Imax	499.3 lumens per klm.
	To 90% of Imax	197.4 lumens per klm.

Upward LOR	0.6 %
Downward LOR	99.5 %

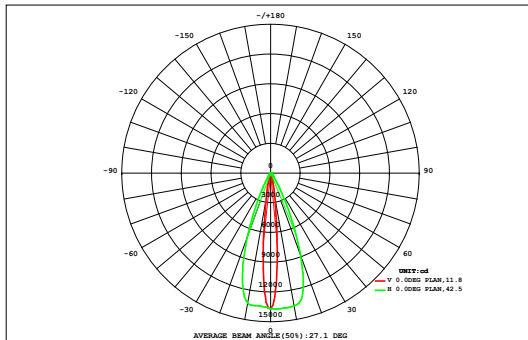
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: 01
Test Date: 2025-09-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.700m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.99V I:0.1120A P:23.800W PF:0.9000 Freq:49.99Hz Lamp Flux:116.46x24 lm		
NAME:Blazeline Max-598mm-3000K-10x40D-REV2	TYPE:3000K	WEIGHT:
SPEC.:10x40 DEG	DIM.:598mm	SERIAL No.:01
MFR.: Luminoscape	SUR.:0.8	Shielding Angle:

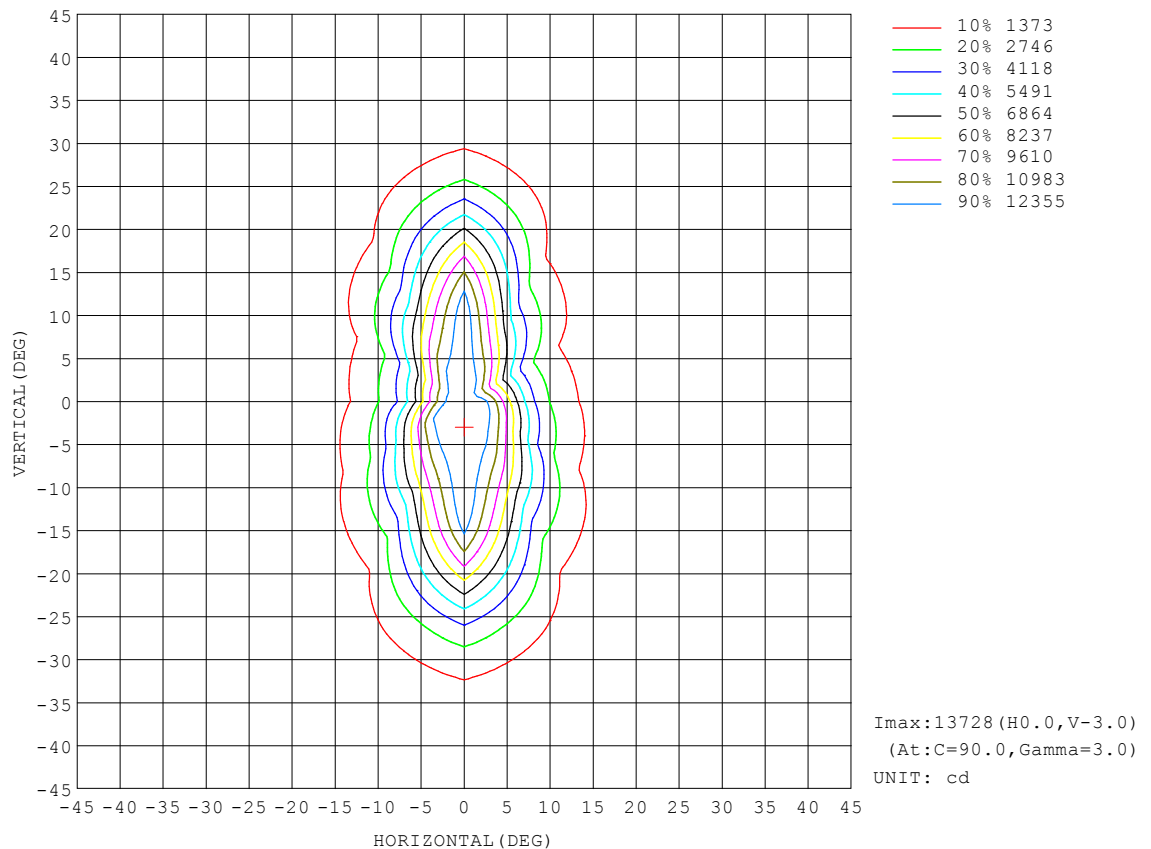


DATA OF LAMP		Eff:117.44lm/W	
MODEL		Imax(cd)	13728
NOMINAL POWER(W)	24	AVAILABILITY(%)	80.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	2241
NOMINAL FLUX(lm)	116.46	LOR(%)	100.0
LAMPS INSIDE	24	TOTAL FLUX(lm)	2795
TEST VOLTAGE(V)	220	θ @50% (H,V)	12,43DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.27	0.33	0.39	0.46	0.55	0.69	0.88	1.09	1.30	1.28	1.05	0.83	0.64	0.51	0.44	0.38	0.32	0.27	11.7	0.00
45	0.27	0.33	0.39	0.46	0.55	0.69	0.88	1.09	1.30	1.28	1.05	0.83	0.64	0.51	0.44	0.38	0.32	0.27	11.7	0.00
40	0.28	0.35	0.42	0.52	0.66	0.90	1.32	1.84	2.37	2.34	1.74	1.19	0.77	0.58	0.48	0.40	0.34	0.28	16.8	0.00
35	0.29	0.36	0.45	0.60	0.85	1.29	2.22	3.67	5.30	5.21	3.44	1.92	1.02	0.70	0.53	0.42	0.35	0.29	28.9	0.00
30	0.31	0.37	0.48	0.69	1.11	1.90	3.81	7.94	13.2	12.9	7.38	3.14	1.42	0.88	0.60	0.45	0.36	0.30	57.2	24.0
25	0.31	0.38	0.48	0.73	1.36	2.74	5.94	15.9	30.4	29.8	14.5	4.41	1.99	1.07	0.64	0.46	0.37	0.31	112	87.7
20	0.32	0.40	0.48	0.67	1.41	3.63	8.90	25.2	54.4	52.6	21.2	6.11	2.57	1.12	0.61	0.47	0.39	0.32	181	157
15	0.33	0.41	0.51	0.70	1.25	3.84	12.5	33.8	74.1	69.8	25.5	8.64	2.69	1.02	0.65	0.50	0.40	0.33	237	216
10	0.34	0.41	0.53	0.74	1.46	3.96	11.8	38.3	83.9	77.3	29.7	8.75	3.00	1.22	0.71	0.52	0.41	0.34	263	241
5	0.33	0.41	0.53	0.73	1.50	4.44	12.4	35.2	86.0	81.0	31.8	11.3	4.03	1.39	0.74	0.53	0.42	0.34	273	250
0	0.34	0.41	0.54	0.77	1.68	5.05	14.7	44.9	94.7	93.4	43.0	14.0	4.76	1.60	0.78	0.54	0.42	0.34	322	301
-5	0.34	0.42	0.55	0.82	1.88	5.35	15.7	46.3	89.3	88.7	44.9	14.3	4.63	1.69	0.81	0.55	0.43	0.35	317	295
-10	0.34	0.42	0.54	0.79	1.66	5.08	14.9	37.8	80.5	81.0	38.9	14.8	4.66	1.49	0.77	0.54	0.42	0.35	285	264
-15	0.34	0.																		

ISOCANDELA DIAGRAM

Test:U:219.99V I:0.1120A P:23.800W PF:0.9000 Freq:49.99Hz Lamp Flux:116.46x24 lm		
NAME:Blazeline Max-598mm-3000K-10x40D-REV2	TYPE:3000K	WEIGHT:
SPEC.:10x40 DEG	DIM.:598mm	SERIAL No.:01
MFR.: Luminoscape	SUR.:0.8	Shielding Angle:

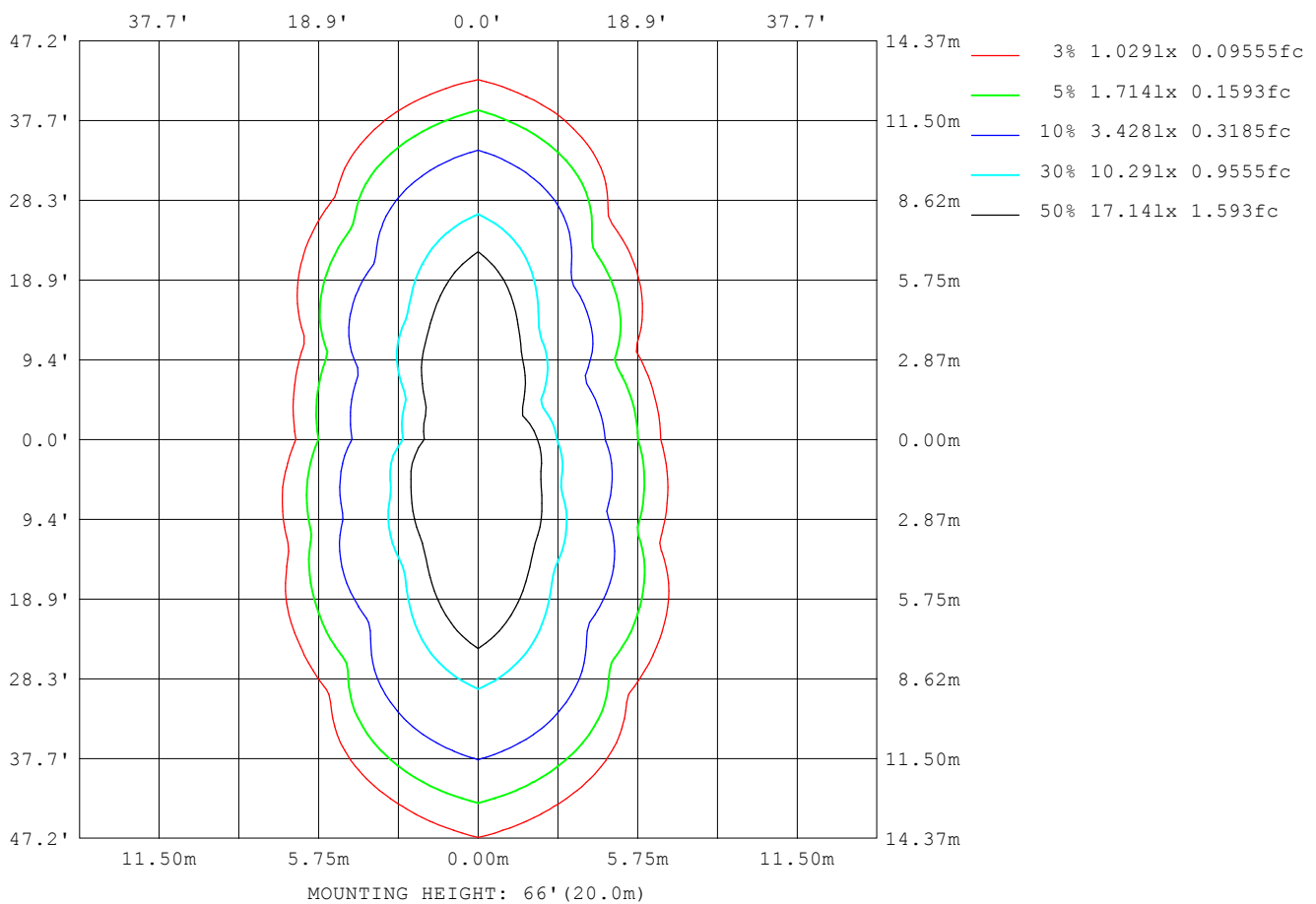


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-09-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

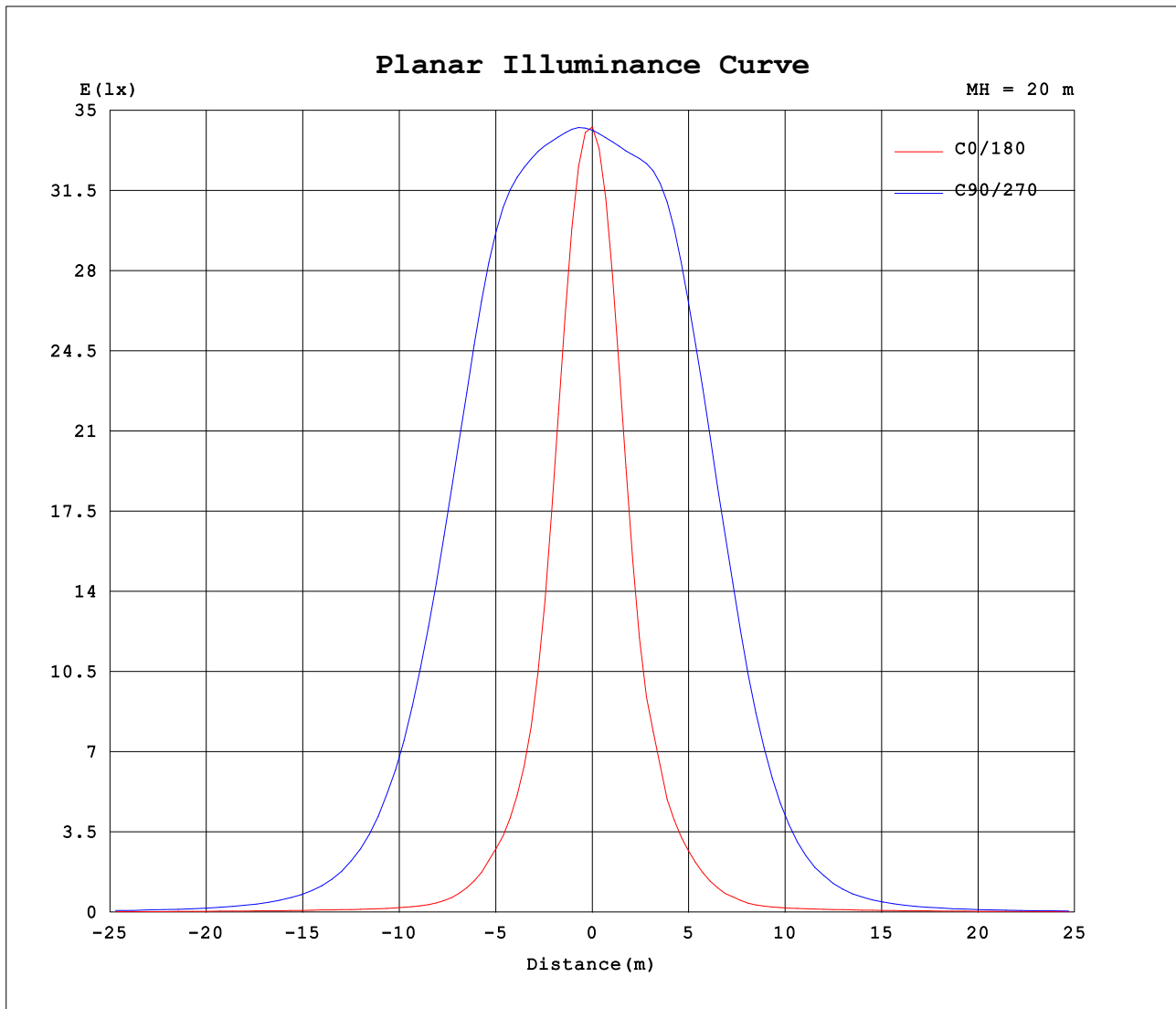
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Remarks:

Planar Illuminance Curve

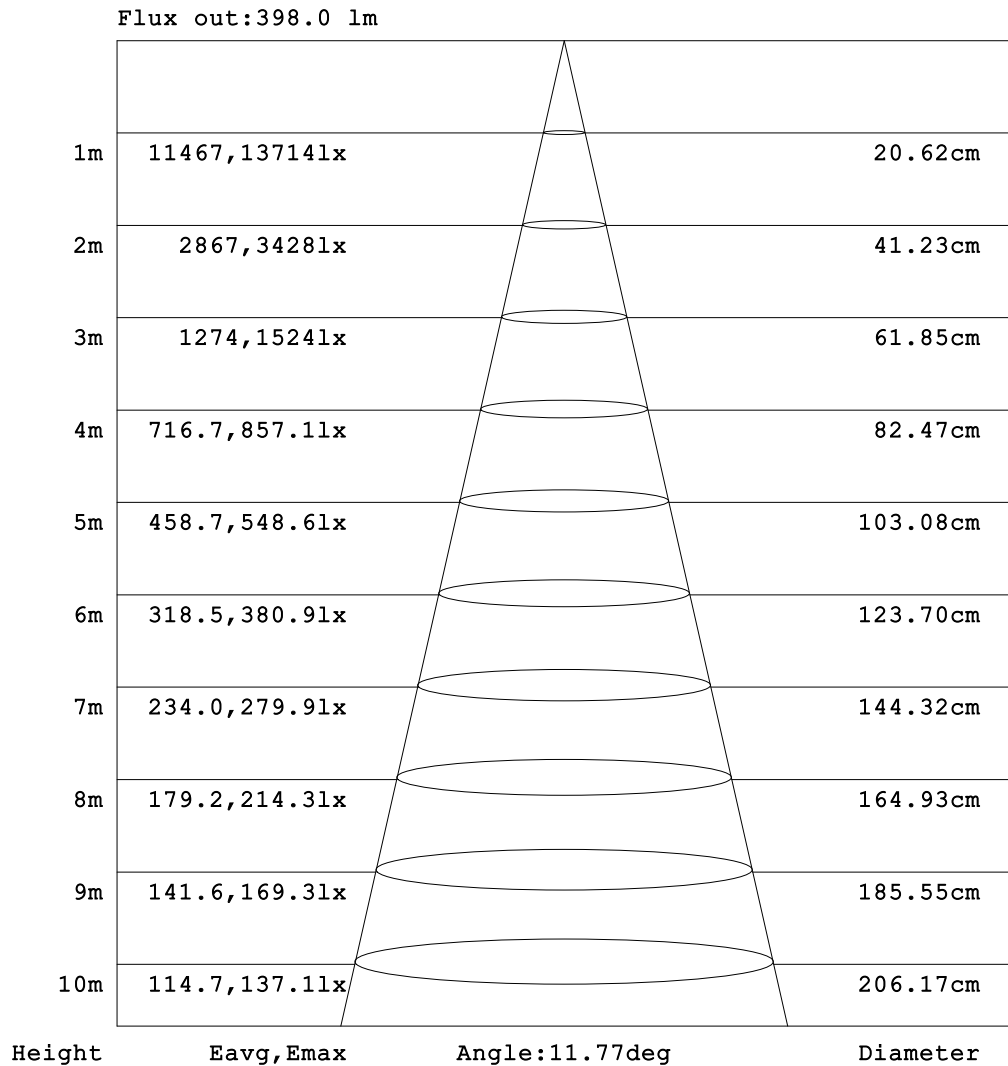


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Test Speed: HIGH
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AAI Figure

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SPEC.:10x40 DEG	DIM.:598mm	SERIAL No.:01
MFR.: Luminoscape	SUR.:0.8	Shielding Angle:



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

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Test Speed: HIGH
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.99V I:0.1120A P:23.800W PF:0.9000 Freq:49.99Hz Lamp Flux:116.46x24 lm									
NAME:Blazeline Max-598mm-3000K-10x40D-REV2					TYPE:3000K			WEIGHT:	
SPEC.:10x40 DEG					DIM.:598mm			SERIAL No.:01	
MFR.: Luminoscape					SUR.:0.8			Shielding Angle:	

Table--1

UNIT: ×10cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.09	0.21	0.62	1.33	1.92	2.00	1.70	1.46
-170	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.10	0.26	0.66	1.28	1.74	1.81	1.62	1.44
-160	0.02	0.03	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.08	0.16	0.42	0.83	1.21	1.41	1.37	1.26
-150	0.02	0.03	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.08	0.13	0.26	0.46	0.70	0.84	0.92	0.95
-140	0.02	0.03	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.06	0.08	0.11	0.17	0.25	0.34	0.42	0.48
-130	0.02	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.07	0.09	0.12	0.14	0.16
-120	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07
-110	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04
-100	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
-90	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
-80	0.02	0.03	0.03	0.04	0.06	0.08	0.12	0.17	0.23	0.30	0.38	0.47	0.56	0.70	0.85	1.00	1.14	1.27	1.38
-70	0.02	0.03	0.04	0.09	0.17	0.30	0.48	0.69	0.95	1.26	1.59	1.92	2.26	2.61	2.95	3.26	3.54	3.79	3.99
-60	0.02	0.03	0.07	0.19	0.40	0.69	1.06	1.51	2.07	2.67	3.29	3.88	4.45	5.04	5.61	6.10	6.57	6.97	7.30
-50	0.02	0.03	0.12	0.34	0.70	1.18	1.81	2.58	3.41	4.15	4.85	5.54	6.14	6.72	7.63	8.94	10.4	12.0	13.4
-40	0.02	0.04	0.17	0.50	1.02	1.70	2.59	3.49	4.23	4.87	5.62	6.39	7.17	8.30	10.1	15.6	23.0	31.4	39.0
-30	0.02	0.05	0.22	0.65	1.29	2.17	3.15	3.99	4.66	5.41	5.94	6.95	8.9						

LUMINOUS DISTRIBUTION INTENSITY DATA

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MFR.: Luminoscape	SUR.:0.8	Shielding Angle:

Table--2

UNIT: ×10cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	1.76	2.11	2.10	1.67	0.92	0.35	0.14	0.07	0.05	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.03	
-170	1.54	1.78	1.79	1.44	0.85	0.37	0.15	0.08	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.03	
-160	1.36	1.40	1.26	0.93	0.54	0.23	0.11	0.07	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.03	
-150	0.93	0.87	0.76	0.53	0.32	0.17	0.09	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.03	
-140	0.44	0.37	0.30	0.22	0.14	0.10	0.07	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.03	
-130	0.15	0.13	0.10	0.08	0.07	0.06	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	
-120	0.06	0.06	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	
-110	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	
-100	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	
-90	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
-80	1.26	1.13	0.99	0.84	0.69	0.54	0.45	0.36	0.28	0.21	0.15	0.11	0.08	0.06	0.04	0.03	0.03	0.03	
-70	3.77	3.52	3.22	2.89	2.54	2.20	1.87	1.53	1.21	0.91	0.65	0.45	0.30	0.18	0.10	0.05	0.03	0.03	
-60	6.97	6.55	6.06	5.52	4.92	4.40	3.89	3.31	2.67	2.06	1.49	1.02	0.68	0.41	0.21	0.09	0.04	0.03	
-50	12.1	10.5	9.09	7.82	6.90	6.34	5.65	4.93	4.32	3.62	2.68	1.85	1.19	0.72	0.37	0.14	0.05	0.03	
-40	31.6	23.3	16.0	10.6	8.64	7.38	6.48	5.75	5.04	4.40	3.79	2.76	1.79	1.04	0.55	0.21	0.06	0.03	
-30	147	81.5	35.3	19.8	12.8	9.14	7.13	6.03	5.46	4.82	4.18	3.43	2.33	1.38	0.71	0.28	0.07	0.03	
-20	530	195	77.7	34.8	16.1	8.72	7.28	6.43	5.64	5.06	4.39	3.68	2.69	1.64	0.84	0.33	0.07	0.03	
-10	847	350	105	33.9	15.0	9.67	7.69	6.63	5.70	5.11	4.42	3.74	2.82	1.78	0.91	0.36	0.08	0.03</	