

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		4854.6 cd per klm. 0.0 degrees vertical 1.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	45.3V x 37.3H 17.5V x 18.2H 4.6V x 7.0H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	994.7 lumens per klm. 544.2 lumens per klm. 235.7 lumens per klm. 21.7 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.5 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

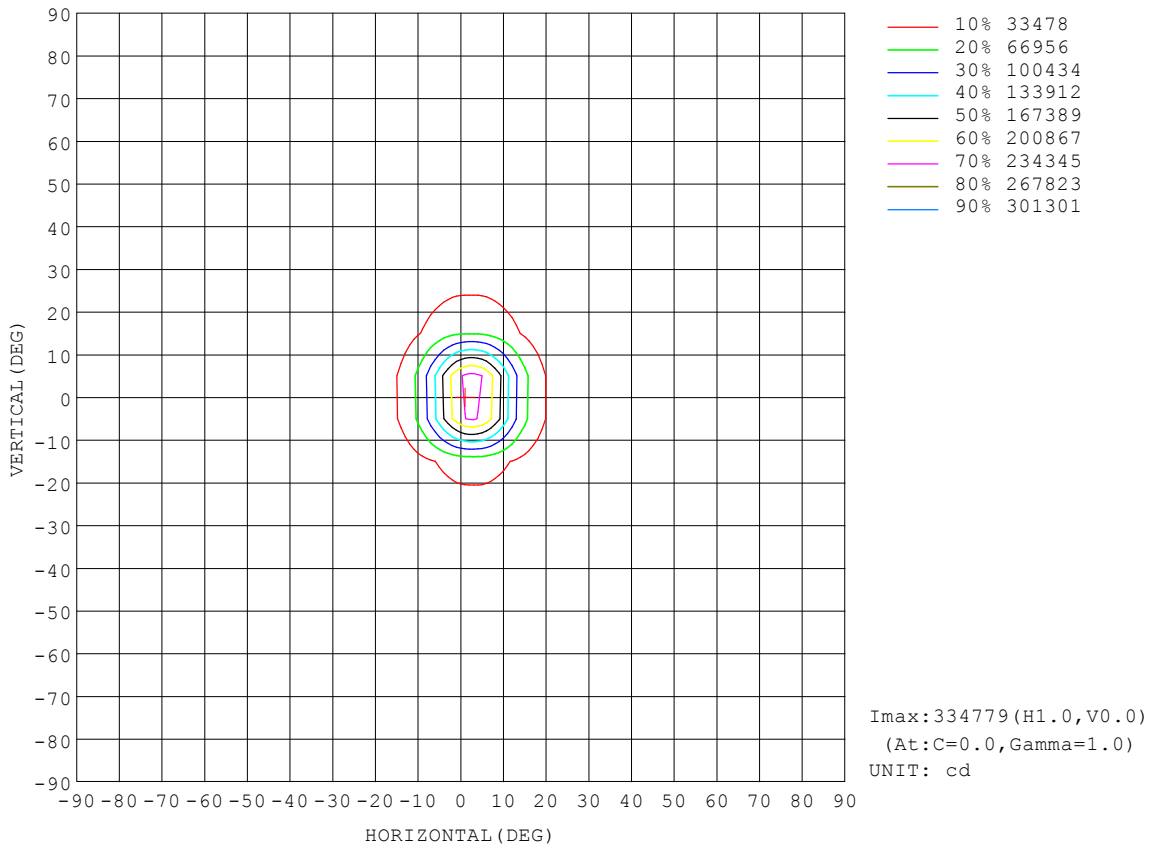
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-03-17

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:



**ISOCANDELA DIAGRAM**

Test:U:219.10V I:2.2610A P:484.40W PF:0.9780 Freq:50.00Hz Lamp Flux:68960.9x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0500-N01S	WEIGHT:
SPEC.: TS-BJX-0500-N01S	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

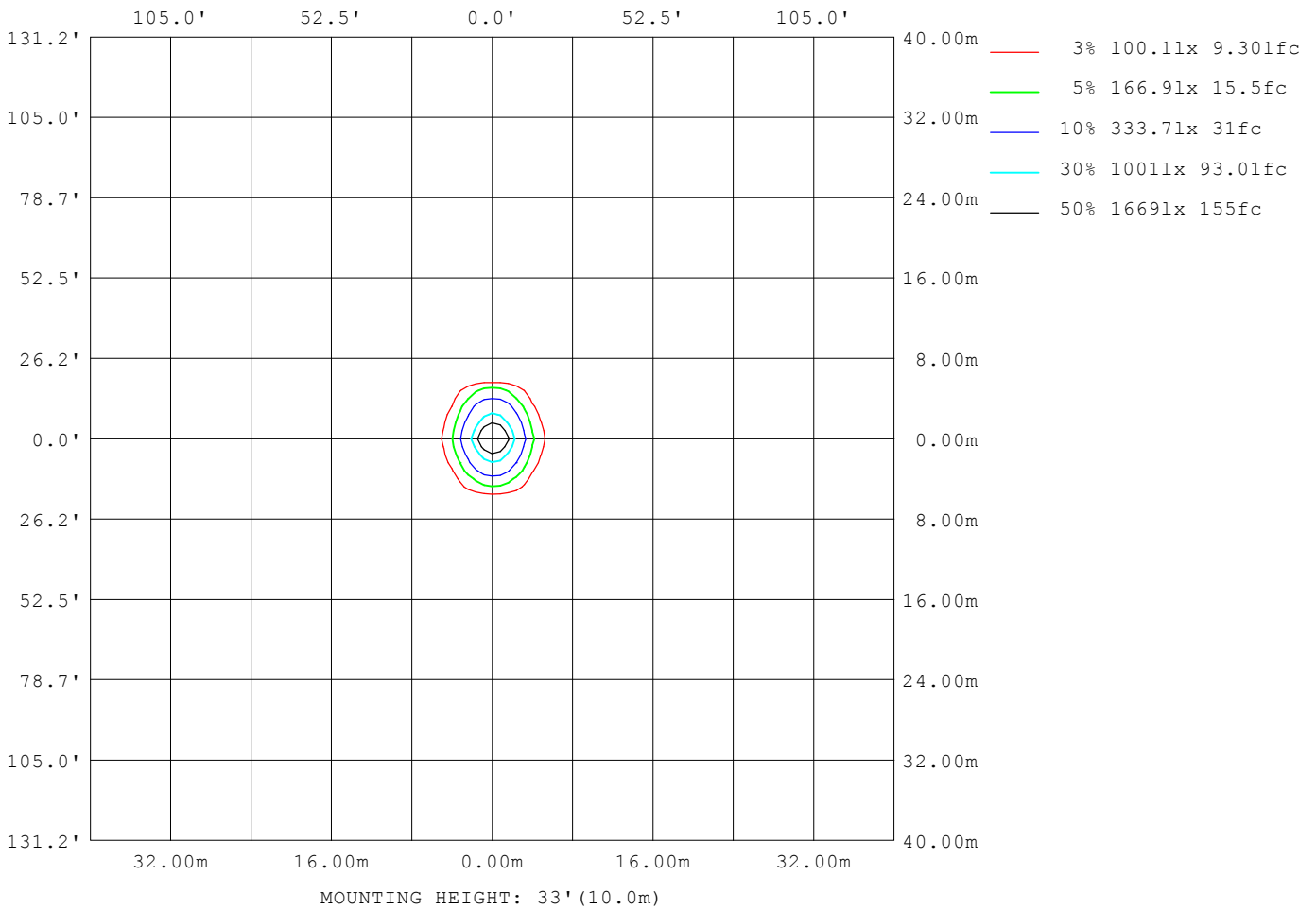


H(β) Range: -90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2026-03-17

V(B) Range: -75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity: 65.0%  
 Test Distance: 8.988m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

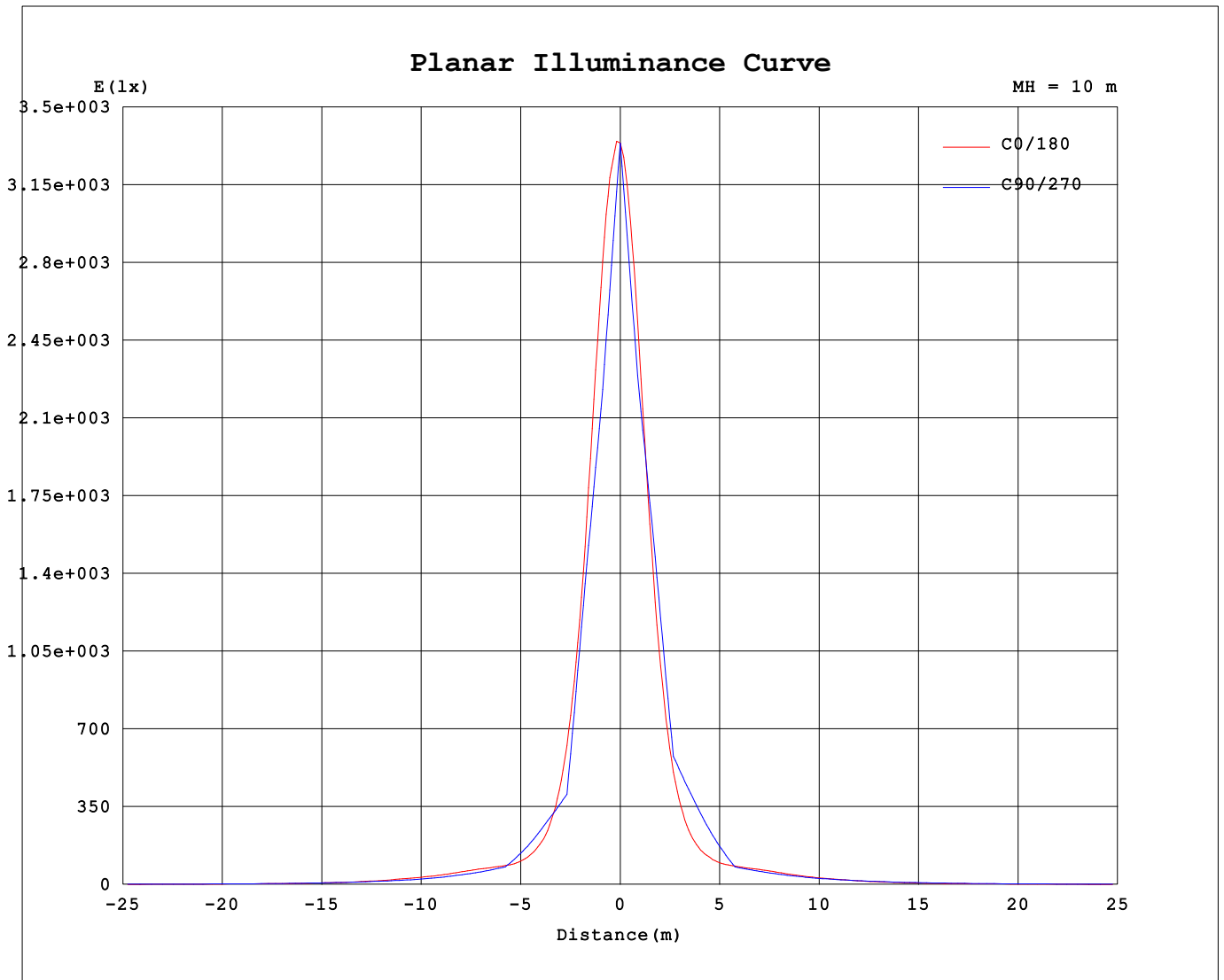
Test:U:219.10V I:2.2610A P:484.40W PF:0.9780 Freq:50.00Hz Lamp Flux:68960.9x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0500-N01S	WEIGHT:
SPEC.: TS-BJX-0500-N01S	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-03-17

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

**Planar Illuminance Curve**

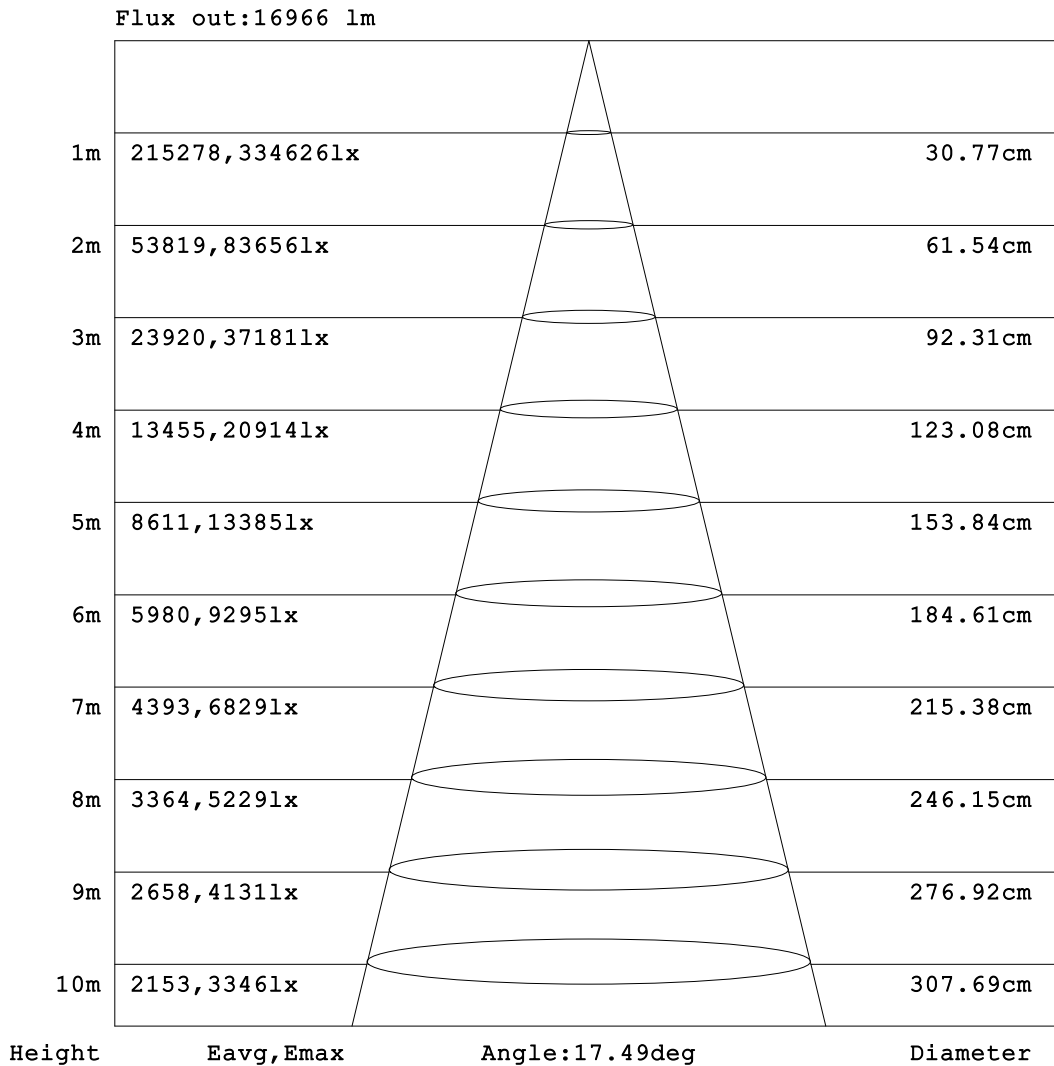


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-03-17

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

**AAI Figure**

Test:U:219.10V I:2.2610A P:484.40W PF:0.9780 Freq:50.00Hz Lamp Flux:68960.9x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0500-N01S	WEIGHT:
SPEC.: TS-BJX-0500-N01S	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



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

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-03-17

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.10V I:2.2610A P:484.40W PF:0.9780 Freq:50.00Hz Lamp Flux:68960.9x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0500-N01S	WEIGHT:
SPEC.: TS-BJX-0500-N01S	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: X100cd

H (DEG) \ V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	1.67	1.49	2.08	3.23	4.65	6.19	7.58	8.95	10.3	11.5	12.8	14.0	15.6	17.1	18.4	19.4	19.7	19.7	19.7
-70	1.38	1.74	2.94	4.65	6.64	8.61	10.6	12.8	15.0	16.9	18.6	20.1	21.5	22.8	23.7	24.4	24.9	25.2	25.5
-65	1.39	1.46	2.67	4.62	6.99	9.47	12.1	14.9	17.9	20.8	23.1	24.9	26.4	27.6	28.3	29.0	29.8	30.5	31.1
-60	1.29	2.03	3.81	6.42	9.42	12.3	15.6	19.4	23.3	26.6	29.3	31.0	32.2	33.0	33.4	34.2	35.2	36.3	36.9
-55	1.32	1.55	3.29	5.97	9.07	12.1	15.6	19.4	23.2	27.0	30.1	32.9	34.9	36.8	38.7	40.9	43.5	45.8	47.5
-50	1.28	2.28	4.67	8.05	11.3	14.5	18.6	22.4	26.4	29.9	33.4	36.4	39.1	42.1	45.6	49.7	53.6	56.9	58.6
-45	1.48	1.75	3.92	7.28	10.9	14.2	18.3	22.4	26.3	30.1	33.9	37.7	41.1	45.0	49.6	55.1	60.8	65.6	69.0
-40	1.19	2.53	5.55	9.18	12.8	16.5	20.6	24.5	28.6	33.1	39.1	46.3	53.8	62.9	71.4	79.4	83.2	84.7	87.3
-35	1.15	1.80	4.59	8.13	11.8	15.6	19.4	23.6	27.4	32.2	39.0	49.0	60.2	73.2	86.8	98.4	104	102	104
-30	1.02	2.78	6.46	9.80	13.8	18.1	21.9	25.6	29.8	36.2	46.3	60.6	76.4	95.3	111	123	124	120	123
-25	0.91	1.89	5.46	9.11	13.0	17.2	21.3	26.1	31.4	39.6	51.4	68.3	85.4	99.5	115	136	165	199	231
-20	0.98	3.33	7.49	11.2	15.5	20.1	24.8	30.5	38.8	51.5	69.1	90.3	107	116	131	170	234	309	347
-15	0.77	2.00	6.54	10.2	14.4	19.1	24.1	30.0	38.5	52.1	71.3	95.6	117	124	133	169	245	357	451
-10	1.01	3.95	8.06	11.9	16.6	21.7	28.0	36.7	50.0	68.1	89.5	111	124	135	177	316	636	1123	1418
-5	0.90	2.87	6.65	10.4	14.8	20.0	26.4	35.6	49.4	69.0	89.1	112	122	131	175	324	722	1487	2255
0	1.13	4.63	8.17	12.1	17.1	22.9	31.4	44.4	63.4	85.9	107	124	128	151	249	562	1330	2563	3337
5	1.05	3.30	6.69	10.4	14.8	20.1	26.7	36.1	50.2	70.1	90.5	113	123	133	176	332	746	1532	2318
10	1.44	4.63	8.11	12.0	16.8	22.1	28.7	37.9	51.8	70.4	92.9	114	126	137	182	343	699	1233	1545
15	1.21	3.28	6.66	10.3	14.6	19.5	24.9	31.4	40.9	55.3	75.4	100	120	128	138	194	316	494	640
20	1.64	4.51	7.88	11.6	16.0	20.7	25.7	31.9	41.0	54.8	74.3	95.3	112	123	139	197	296	420	473
25	1.38	3.15	6.33	9.75	13.6	18.0	22.4	26.9	32.9	42.1	55.8	73.6	91.6	108	124	148	187	247	295
30	1.75	4.28	7.48	10.9	14.7	18.8	22.5	26.3	31.2	39.2	51.5	66.7	84.9	107	121	125	122	124	122
35	1.51	2.95	5.93	9.09	12.5	16.5	20.5	24.1	28.2	33.8	42.1	53.0	66.1	81.5	96.5	105	105	108	108
40	1.76	3.96	6.89	9.97	13.4	17.4	21.4	25.1	29.2	34.3	41.1	49.3	58.8	70.0	79.8	85.5	89.1	93.1	93.6
45	1.61	2.67	5.46	8.33	11.4	15.1	19.2	23.1	26.8	30.3	34.3	38.6	43.6	49.2	56.1	63.3	70.1	75.7	78.9
50	1.76	3.52	6.14	8.88	11.9	15.6	19.5	23.4	27.1	30.7	34.2	38.0	41.8	46.1	51.2	56.3	61.3	65.2	66.6
55	1.61	2.25	4.70	7.19	9.87	13.0	16.7	20.6	24.5	28.0	31.4	34.3	36.9	39.3	42.2	45.3	48.7	51.8	53.8
60	1.74	2.98	5.24	7.59	10.2	13.3	16.9	21.0	24.8	28.2	31.0	32.8	33.9	34.7	35.6	36.9	38.7	40.6	41.3
65	1.61	1.92	3.74	5.81	7.94	10.4	13.2	16.3	19.5	22.4	24.9	26.7	28.1	29.2	30.2	31.3	32.5	33.9	34.7
70	1.69	2.26	3.91	5.69	7.52	9.57	11.9	14.3	16.6	18.7	20.5	21.9	23.3	24.5	25.6	26.6	27.4	28.0	28.3
75	1.62	1.69	2.57	4.19	5.59	7.09	8.68	10.3	11.9	13.4	14.7	15.9	17.3	18.9	20.1	21.1	21.7	21.8	21.8
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-03-17

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.10V I:2.2610A P:484.40W PF:0.9780 Freq:50.00Hz Lamp Flux:68960.9x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0500-N01S	WEIGHT:
SPEC.: TS-BJX-0500-N01S	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: X100cd

H (DEG) \ V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-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	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	20.0	20.5	20.7	20.3	19.4	18.1	16.7	15.7	14.8	13.6	12.3	11.0	9.55	7.83	5.96	4.15	2.90	2.09
-70	25.8	25.9	25.6	25.1	24.3	23.3	22.2	21.1	19.5	17.6	15.4	13.1	10.8	8.36	5.99	3.95	2.71	1.95
-65	31.4	31.2	30.8	30.3	29.9	29.3	28.5	27.4	25.6	23.2	20.3	17.0	13.8	10.8	7.90	5.25	3.29	2.14
-60	37.0	36.4	35.6	35.2	35.0	34.7	34.0	32.5	30.0	26.5	22.6	18.3	14.4	10.9	7.60	4.75	2.87	1.78
-55	47.7	46.6	44.7	42.4	40.6	38.9	37.1	34.9	32.2	28.8	25.1	21.1	17.1	13.3	9.79	6.41	3.69	2.14
-50	57.8	55.5	51.9	48.2	44.8	41.7	38.7	35.3	31.8	28.2	24.5	20.6	16.6	12.8	9.28	5.57	3.14	1.74
-45	69.0	66.6	62.2	56.6	51.7	46.9	42.7	38.5	34.3	30.5	26.9	23.2	19.3	15.3	11.6	7.60	4.09	2.09
-40	85.7	84.7	81.1	75.3	67.6	58.3	49.8	41.9	35.3	30.2	26.1	22.4	18.5	14.5	10.8	6.69	3.38	1.66
-35	104	104	103	99.6	90.3	76.8	63.4	51.6	41.0	33.7	28.5	24.5	20.8	17.0	13.0	9.11	4.69	1.94
-30	121	124	123	116	103	84.3	67.5	52.3	40.3	32.6	27.4	23.7	20.0	16.2	12.1	8.14	3.58	1.54
-25	233	205	167	138	119	104	89.0	71.4	54.1	41.7	32.9	27.1	22.7	18.5	14.1	10.1	5.57	1.86
-20	328	258	185	139	122	112	97.0	75.5	57.0	42.9	33.2	26.9	21.9	17.4	12.7	8.73	4.05	1.32
-15	456	372	253	173	137	128	119	97.9	73.4	54.6	40.3	31.2	25.0	19.9	15.0	10.5	6.73	1.86
-10	1235	748	376	198	143	128	118	96.1	74.8	55.9	40.2	30.3	23.5	18.2	13.2	9.09	4.76	1.15
-5	2282	1533	744	329	180	134	126	114	91.5	72.7	51.0	36.2	27.0	20.6	15.3	10.7	6.97	2.01
0	2841	1593	695	293	166	132	129	114	93.6	71.4	48.3	33.8	24.7	18.7	13.5	9.24	5.70	1.03
5	2341	1568	759	331	181	135	128	116	92.9	73.8	51.6	36.4	27.0	20.5	15.3	10.7	7.03	2.29
10	1335	800	392	199	144	131	121	99.4	77.6	57.6	40.9	30.5	23.4	18.1	13.1	9.04	5.57	1.23
15	632	476	297	179	139	130	123	103	77.5	58.0	41.8	31.8	25.1	19.8	14.9	10.4	6.90	2.69
20	430	309	202	144	127	117	102	80.2	60.7	44.9	34.1	27.2	21.9	17.3	12.7	8.79	5.42	1.51
25	294	240	181	146	127	110	94.8	76.1	57.7	43.8	33.7	27.4	22.7	18.4	14.0	10.0	6.68	2.82
30	125	122	126	127	114	91.7	73.2	56.6	42.9	33.4	27.7	23.8	20.1	16.1	12.0	8.49	5.24	1.86
35	110	107	106	107	99.7	83.9	68.7	55.0	43.3	34.6	28.7	24.5	20.8	17.0	13.0	9.45	6.37	2.85
40	94.0	90.3	87.7	83.6	74.6	62.9	52.7	43.6	36.1	30.3	26.0	22.3	18.6	14.6	11.0	7.91	4.79	1.96
45	78.9	76.3	70.9	64.5	57.5	50.9	44.9	39.1	34.3	30.3	26.6	23.0	19.4	15.5	11.8	8.73	5.96	2.77
50	65.7	62.6	58.2	53.4	48.5	44.2	39.9	35.7	31.7	28.0	24.4	20.6	16.8	13.1	9.97	7.27	4.32	2.04
55	53.6	51.9	49.2	46.2	43.4	40.8	38.4	35.5	32.2	28.7	25.1	21.2	17.3	13.6	10.5	7.88	5.35	2.67
60	40.6	39.1	37.8	36.8	36.0	35.6	34.7	32.8	29.9	26.5	22.8	18.7	14.7	11.5	8.87	6.56	3.83	2.11
65	34.7	33.8	32.8	31.8	31.0	30.3	29.5	28.2	26.1	23.6	20.7	17.5	14.2	11.3	8.92	6.71	4.47	2.54
70	28.2	27.7	27.1	26.2	25.3	24.3	23.4	22.1	20.4	18.5	16.2	13.7	11.3	9.11	7.22	5.18	3.11	2.13
75	21.9	22.0	21.9	21.3	20.3	19.2	18.1	17.2	16.2	15.0	13.5	11.9	10.2	8.54	7.02	5.21	3.32	2.38
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-03-17

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks: