

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	336.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	145.0V x 180.0H
	At 50% of Imax	94.5V x 133.1H
	At 90% of Imax	39.7V x 59.6H

Beam Flux	Total	996.4 lumens per klm.
	To 10% of Imax	990.0 lumens per klm.
	To 50% of Imax	709.6 lumens per klm.
	To 90% of Imax	170.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.6 %

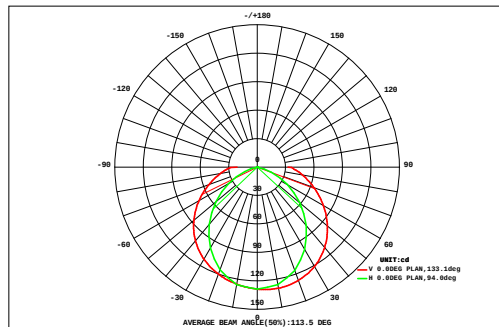
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:14.6DEG
Operators:QC1
Test Date:2024-03-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:52%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.2734A P:6.562W PF:1.000 Lamp Flux:385.41x1 lm		
NAME: 8.02.039.0011 LLS-OP-D50-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20240100011
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:58.74lm/W	
MODEL	LLS-OP-D50-L3-S	Imax(cd)	129.5
NOMINAL POWER(W)	7	AVAILABILITY(%)	99.6
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	383.9
NOMINAL FLUX(lm)	385.41	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	385.4
TEST VOLTAGE(V)	24.0	θ @50%(H,V)	133, 95DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT: lm				Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-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			
	0.09	0.29	0.48	0.62	0.68	0.64	0.51	0.32	0.19	0.20	0.38	0.60	0.75	0.81	0.75	0.59	0.37	0.12	8.39			
	0.08	0.27	0.47	0.66	0.80	0.88	0.88	0.83	0.79	0.81	0.89	0.97	0.99	0.93	0.78	0.57	0.33	0.10	12.0			
	0.08	0.29	0.55	0.82	1.06	1.24	1.34	1.40	1.43	1.46	1.48	1.46	1.37	1.20	0.94	0.65	0.36	0.10	17.2			
	0.09	0.32	0.62	0.97	1.32	1.62	1.84	1.99	2.09	2.13	2.10	1.98	1.78	1.48	1.11	0.73	0.38	0.11	22.7			
	0.09	0.34	0.69	1.12	1.58	2.00	2.32	2.57	2.71	2.76	2.70	2.50	2.17	1.75	1.27	0.80	0.41	0.11	27.9			
	0.09	0.35	0.75	1.24	1.79	2.31	2.74	3.06	3.26	3.31	3.21	2.93	2.52	1.98	1.40	0.87	0.43	0.11	32.4			
	0.09	0.37	0.79	1.34	1.95	2.54	3.04	3.42	3.64	3.71	3.58	3.25	2.76	2.15	1.50	0.91	0.44	0.12	35.6			
	0.09	0.37	0.81	1.38	2.03	2.66	3.19	3.59	3.83	3.90	3.76	3.41	2.88	2.23	1.55	0.93	0.45	0.12	37.2			
	0.09	0.38	0.81	1.39	2.03	2.66	3.19	3.59	3.83	3.89	3.75	3.40	2.87	2.22	1.54	0.93	0.44	0.12	37.1			
	0.09	0.38	0.80	1.35	1.96	2.55	3.04	3.40	3.63	3.69	3.55	3.22	2.73	2.11	1.47	0.89	0.43	0.11	35.4			
	0.09	0.37	0.77	1.27	1.81	2.32	2.74	3.04	3.23	3.28	3.17	2.89	2.47	1.94	1.37	0.84	0.41	0.11	32.1			
	0.08	0.35	0.71	1.14	1.59	2.00	2.32	2.54	2.68	2.72	2.64	2.45	2.13	1.71	1.24	0.78	0.40	0.10	27.6			
	0.06	0.32	0.63	0.99	1.33	1.62	1.83	1.97	2.05	2.08	2.05	1.94	1.74	1.44	1.08	0.71	0.37	0.09	22.3			
	0.05	0.29	0.56	0.83	1.06	1.23	1.33	1.37	1.39	1.41	1.42	1.41	1.33	1.16	0.92	0.63	0.35	0.07	16.8			
	0.04	0.26	0.48	0.67	0.81	0.87	0.86	0.80	0.75	0.76	0.83	0.92	0.95	0.89	0.75	0.55	0.31	0.05	11.6			
	0.03	0.22	0.41	0.53	0.58	0.56	0.46	0.31	0.20	0.20	0.31	0.50	0.62	0.66	0.61	0.48	0.27	0.04	6.99			
	0.01	0.09	0.18	0.21	0.21	0.18	0.10	0.02	0.00	0.00	0.01	0.12	0.21	0.26	0.26	0.21	0.12	0.02	2.20			
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	1.26	5.25	10.5	16.5	22.6	27.9	31.7	34.2	35.7	36.3	35.8	34.0	30.3	24.9	18.5	12.1	6.27	1.59	385			
Φ a	1.22	5.25	10.5	16.5	22.6	27.8	31.5	33.9	35.4	36.1	35.6	33.8	30.3	24.9	18.5	12.1	6.27	1.57	384			

one-half-peak spread: U:47.1,D:48.0 , L:73.1,R:59.8

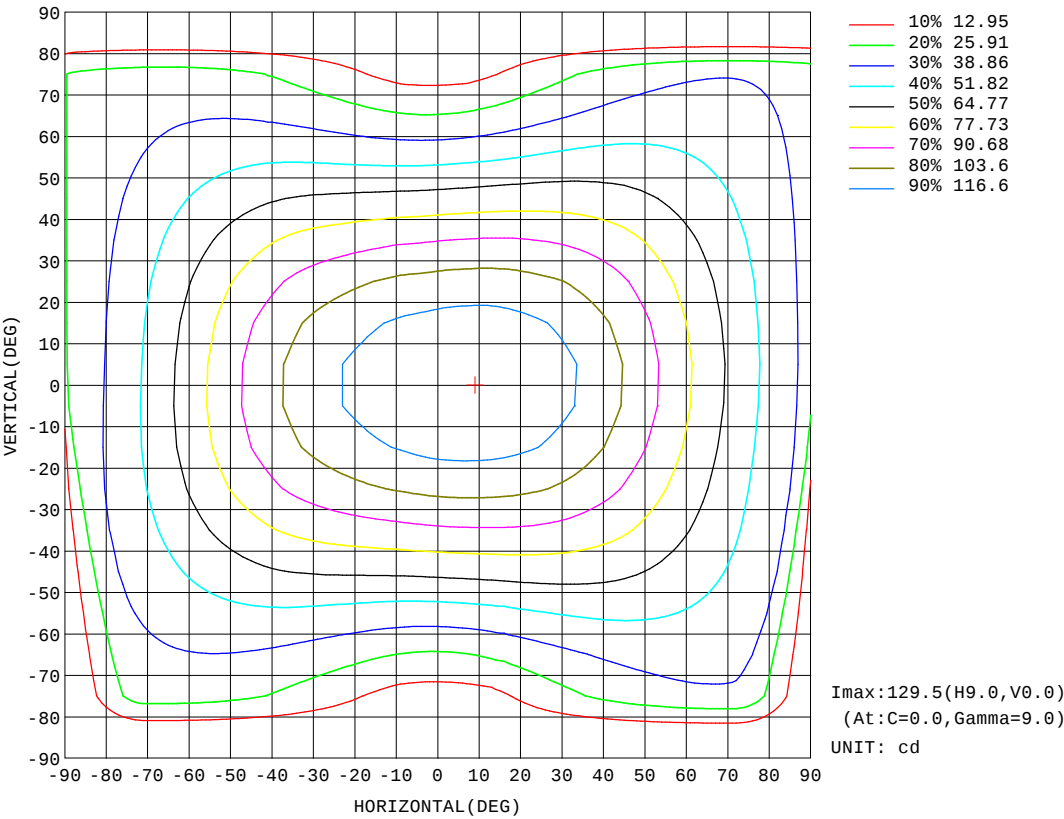
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:14.6DEG
Operators:QC1
Test Date:2024-03-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:52%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.2734A P:6.562W PF:1.000 Lamp Flux:385.41x1 lm		
NAME: 8.02.039.0011 LLS-0P-D50-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20240100011
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

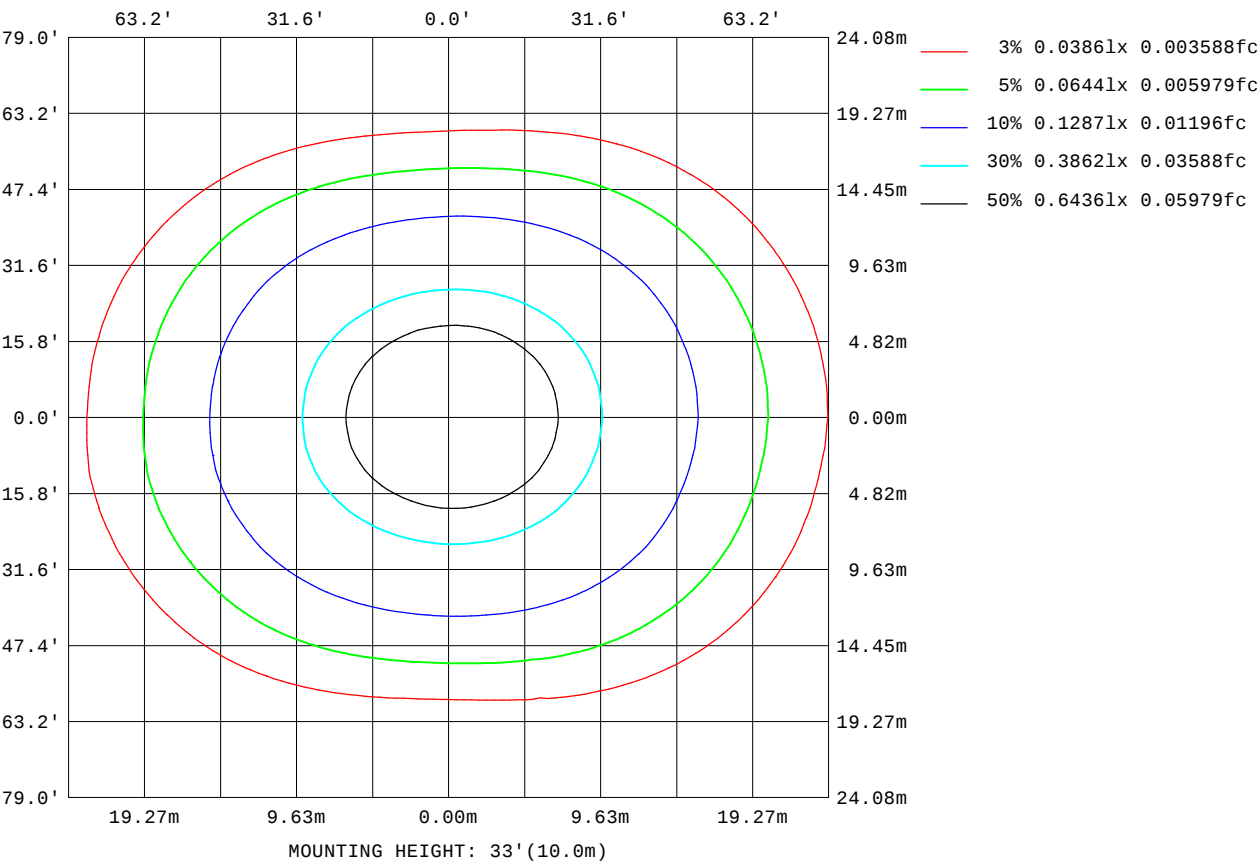


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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:14.6DEG
Operators:QC1
Test Date:2024-03-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:52%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.2734A P:6.562W PF:1.000 Lamp Flux:385.41x1 lm		
NAME: 8.02.039.0011 LLS-0P-D50-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20240100011
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

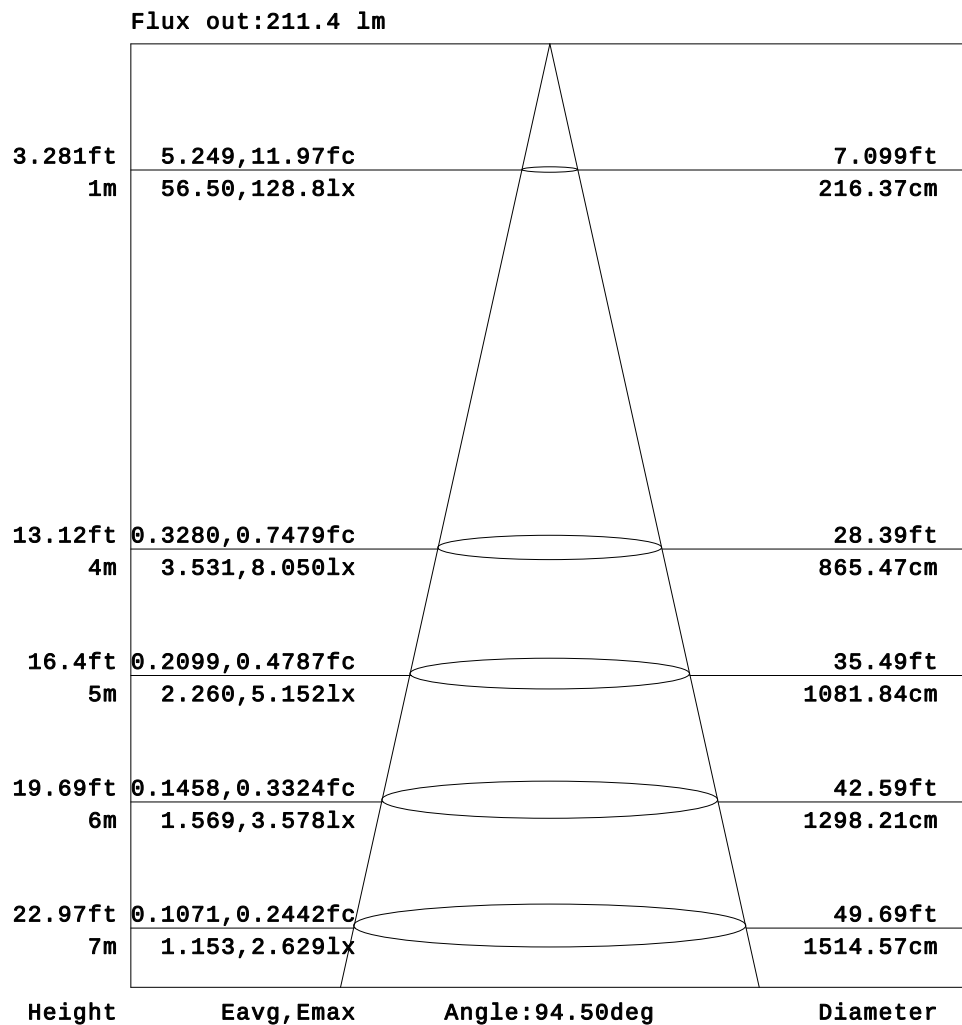


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:14.6DEG
Operators:QC1
Test Date:2024-03-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:52%
Test Distance:8.300m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.2734A P:6.562W PF:1.000 Lamp Flux:385.41x1 lm		
NAME: 8.02.039.0011 LLS-0P-D50-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20240100011
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

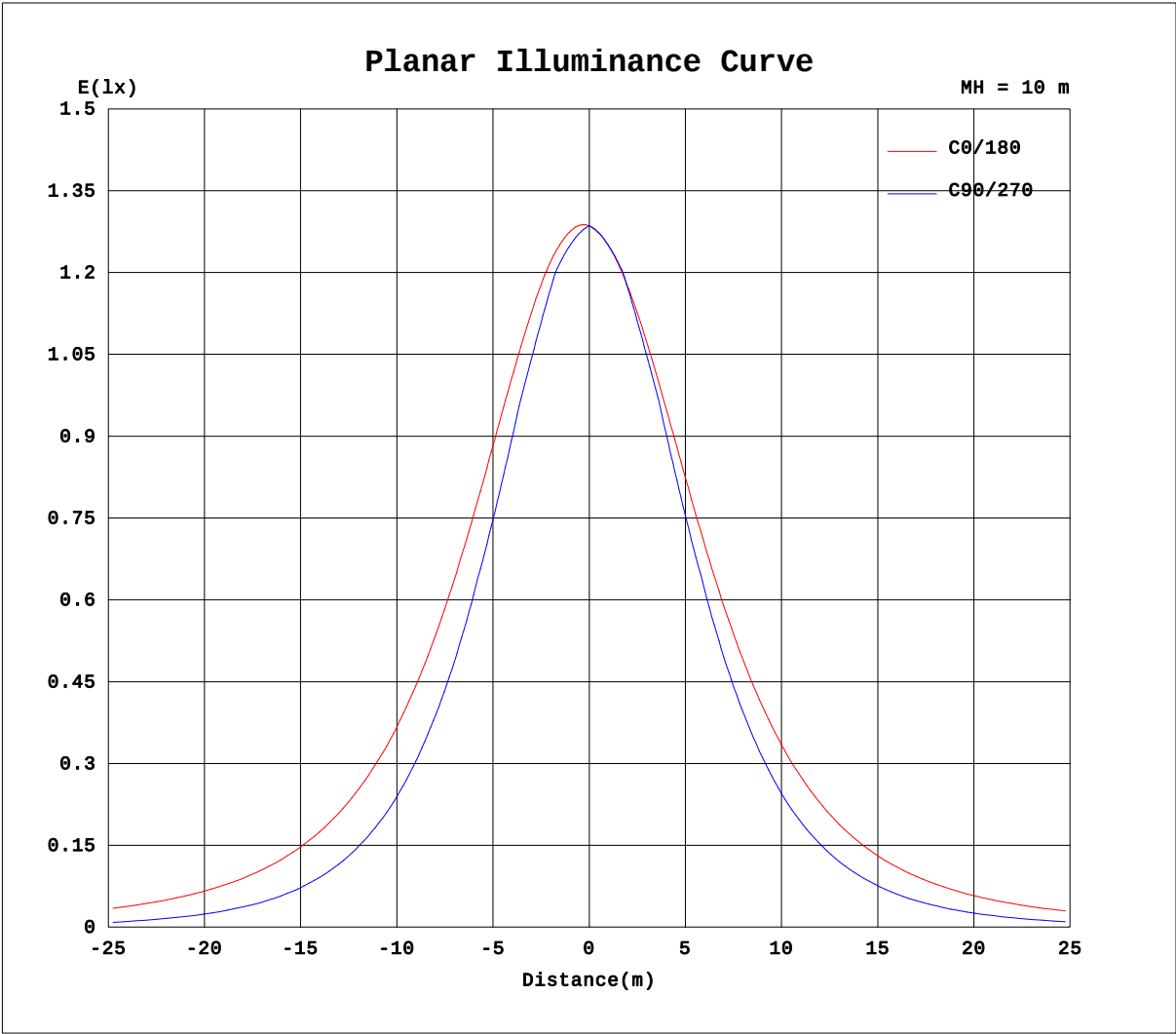


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:14.6DEG
Operators:QC1
Test Date:2024-03-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:52%
Test Distance:8.300m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
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Test Speed: HIGH
Temperature:14.6DEG
Operators:QC1
Test Date:2024-03-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:52%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2734A P:6.562W PF:1.000 Lamp Flux:385.41x1 lm		
NAME: 8.02.039.0011 LLS-OP-D50-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20240100011
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

H(°) \ V(°)	-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	2.73	5.98	15.5	24.7	29.4	28.9	27.9	26.5	24.7	22.4	19.9	17.0	13.9	10.6	7.22	3.75	0.43	0.00	0.00
-75	2.28	7.45	17.7	27.6	31.7	31.8	31.3	30.4	29.1	27.3	25.2	22.7	20.0	17.1	14.1	11.1	8.31	7.26	7.02
-70	1.84	8.92	20.0	30.5	34.0	34.7	34.7	34.4	33.5	32.2	30.5	28.4	26.0	23.6	21.0	18.5	16.2	14.5	14.0
-65	1.37	10.7	22.7	33.3	36.3	37.6	38.3	38.7	38.5	37.8	36.7	35.2	33.4	31.5	29.5	27.5	25.8	24.7	24.4
-60	0.91	12.5	25.5	36.1	38.5	40.5	41.9	42.9	43.4	43.5	43.0	42.1	40.8	39.4	37.9	36.5	35.5	34.8	34.7
-55	1.02	14.3	28.3	37.7	40.7	43.4	45.6	47.4	48.7	49.5	49.8	49.7	49.0	48.2	47.3	46.5	45.9	45.6	45.8
-50	1.13	16.1	31.1	39.2	42.9	46.3	49.3	51.9	54.0	55.6	56.7	57.3	57.3	57.1	56.7	56.5	56.4	56.5	56.9
-45	2.01	18.8	34.1	40.7	45.0	49.1	52.9	56.4	59.3	61.7	63.7	65.0	65.7	66.2	66.5	66.7	66.9	67.3	67.8
-40	2.89	21.4	37.0	42.2	47.1	52.0	56.6	60.8	64.6	67.9	70.7	72.7	74.2	75.3	76.2	76.8	77.4	78.1	78.8
-35	3.83	24.4	37.9	43.4	48.9	54.5	59.8	64.9	69.4	73.5	77.1	79.8	81.9	83.6	85.0	86.1	87.1	88.0	88.8
-30	4.76	27.5	38.8	44.7	50.8	57.0	63.1	68.9	74.3	79.1	83.4	86.8	89.6	91.9	93.8	95.4	96.7	97.9	98.9
-25	6.03	30.5	39.4	45.6	52.2	59.1	65.6	72.1	78.1	83.6	88.4	92.6	95.9	98.7	101	103	104	106	107
-20	7.29	33.5	39.9	46.5	53.5	61.1	68.1	75.2	81.9	88.1	93.5	98.3	102	105	108	110	112	114	115
-15	9.86	33.5	39.9	46.8	54.0	61.8	69.4	76.9	84.1	90.7	96.6	102	106	110	113	115	117	119	120
-10	12.4	33.5	39.9	47.1	54.6	62.6	70.6	78.6	86.3	93.3	99.7	105	110	114	117	120	122	124	126
-5	16.9	33.2	39.8	46.9	54.5	62.6	70.8	79.0	86.8	94.0	101	106	111	115	119	121	124	126	127
0	21.4	33.0	39.6	46.7	54.5	62.6	71.0	79.3	87.3	94.7	101	107	112	117	120	123	125	127	129
5	22.7	32.9	39.4	46.4	54.1	62.1	70.4	78.5	86.4	93.7	100	106	111	115	119	121	124	126	127
10	23.9	32.7	39.2	46.2	53.7	61.6	69.7	77.8	85.5	92.7	99.2	105	110	114	117	120	122	124	126
15	24.0	32.6	38.9	45.7	52.9	60.5	68.3	75.9	83.2	90.0	96.1	101	106	110	113	116	118	119	121
20	24.0	32.5	38.6	45.2	52.2	59.5	66.9	74.1	81.0	87.3	93.0	97.9	102	106	109	111	113	115	116
25	24.1	32.2	38.0	44.2	50.8	57.5	64.3	70.9	77.2	82.9	88.0	92.4	96.1	99.0	102	104	106	107	108
30	24.2	31.9	37.5	43.3	49.4	55.5	61.7	67.8	73.3	78.4	83.0	86.9	89.9	92.2	94.3	96.3	98.3	99.1	100
35	24.3	31.7	36.8	42.2	47.7	53.2	58.7	63.9	68.7	73.0	76.8	80.0	82.2	84.0	85.7	87.2	88.6	89.3	90.2
40	24.4	31.5	36.2	41.1	46.1	50.9	55.7	60.1	64.1	67.6	70.6	73.0	74.6	75.8	77.1	78.0	79.0	79.5	80.3
45	24.5	31.1	35.4	39.7	44.0	48.2	52.1	55.7	58.8	61.5	63.7	65.2	66.2	66.8	67.4	67.9	68.4	68.8	69.5
50	24.7	30.7	34.5	38.3	41.9	45.4	48.5	51.3	53.6	55.4	56.7	57.5	57.8	57.8	57.7	57.7	57.9	58.1	58.6
55	24.8	30.3	33.6	36.8	39.8	42.5	44.9	46.8	48.3	49.3	49.8	49.9	49.5	48.9	48.3	47.7	47.4	47.3	47.7
60	24.9	29.9	32.7	35.3	37.7	39.6	41.2	42.4	43.0	43.2	43.0	42.3	41.3	40.1	38.8	37.7	36.9	36.5	36.7
65	25.0	29.4	31.7	33.7	35.4	36.8	37.7	38.1	38.1	37.7	36.8	35.5	33.9	32.1	30.3	28.6	27.2	26.4	26.4
70	25.2	29.0	30.7	32.1	33.2	33.9	34.1	33.9	33.2	32.1	30.6	28.7	26.5	24.1	21.7	19.4	17.5	16.2	16.0
75	25.3	28.3	29.6	30.6	31.1	31.2	30.9	30.1	28.9	27.3	25.3	22.9	20.3	17.5	14.6	11.8	9.23	8.10	8.01
80	25.5	27.6	28.6	29.0	29.0	28.6	27.6	26.3	24.6	22.5	20.0	17.2	14.1	10.9	7.51	4.10	0.95	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:14.6DEG
Operators:QC1
Test Date:2024-03-05

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:52%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.2734A P:6.562W PF:1.000 Lamp Flux:385.41x1 lm																	
NAME: 8.02.039.0011 LLS-0P-D50-L3-S									TYPE:LED						WEIGHT:		
DIM.:									SPEC.:						SERIAL No.:20240100011		
MFR.: TPK OPTOELECTRONIC TECH CO., LTD									SUR.:						PROTECTION ANGLE:		

Table--2

UNIT: cd

H(°) \ V(°)	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	2.44	7.31	12.2	16.3	19.9	23.3	26.4	29.1	31.3	33.2	34.5	35.4	30.9	20.4	9.62	9.24
-75	7.34	8.29	10.8	14.8	18.8	22.4	25.5	28.5	31.1	33.4	35.1	36.5	37.2	37.5	34.2	23.0	11.3	8.59
-70	14.7	16.6	19.1	22.3	25.4	28.4	31.2	33.7	35.9	37.7	38.9	39.7	39.9	39.6	37.5	25.5	12.9	7.94
-65	25.0	26.5	28.6	31.1	33.7	36.1	38.3	40.2	41.7	42.8	43.4	43.5	42.9	42.0	39.9	29.6	14.6	7.66
-60	35.3	36.4	38.1	40.0	42.0	43.8	45.5	46.7	47.6	47.9	47.9	47.2	46.0	44.3	42.2	33.8	16.4	7.38
-55	46.3	47.2	48.5	49.9	51.2	52.5	53.4	54.0	54.0	53.5	52.6	51.1	49.1	46.7	43.9	37.7	19.0	7.08
-50	57.4	58.0	58.8	59.7	60.5	61.2	61.4	61.2	60.5	59.1	57.3	54.9	52.2	49.1	45.6	41.7	21.5	6.77
-45	68.3	68.8	69.4	69.9	70.2	70.1	69.6	68.6	67.0	64.7	61.9	58.7	55.1	51.2	47.0	42.6	25.6	6.97
-40	79.3	79.6	79.9	80.0	79.8	79.1	77.7	76.0	73.5	70.2	66.5	62.4	58.0	53.3	48.5	43.6	29.7	7.16
-35	89.3	89.5	89.6	89.2	88.5	87.2	85.1	82.6	79.3	75.1	70.5	65.6	60.4	55.1	49.7	44.3	34.0	8.24
-30	99.4	99.4	99.2	98.5	97.2	95.2	92.5	89.2	85.1	80.0	74.6	68.9	62.9	56.9	50.9	45.0	38.3	9.33
-25	108	108	107	106	104	102	98.7	94.6	89.7	84.0	78.0	71.6	65.0	58.4	51.9	45.6	39.0	11.5
-20	116	116	115	114	112	109	105	100	94.3	88.1	81.4	74.2	67.0	59.8	52.9	46.2	39.7	13.7
-15	121	121	120	119	116	113	109	104	97.7	91.0	83.9	76.3	68.7	61.1	53.8	46.9	40.2	18.7
-10	126	126	125	123	121	117	113	107	101	94.0	86.4	78.4	70.3	62.4	54.8	47.6	40.7	23.7
-5	128	128	127	125	123	119	115	109	103	95.3	87.5	79.4	71.2	63.1	55.4	48.0	41.1	28.0
0	129	130	129	127	124	121	116	111	104	96.6	88.7	80.4	72.0	63.8	56.0	48.5	41.5	32.4
5	128	128	127	126	123	120	115	110	103	95.9	88.1	80.0	71.7	63.6	55.9	48.5	41.5	33.4
10	127	127	126	124	122	118	114	109	102	95.1	87.5	79.5	71.4	63.5	55.8	48.5	41.5	34.4
15	122	122	121	120	117	114	110	105	99.3	92.6	85.4	77.8	70.1	62.5	55.1	48.0	40.9	34.4
20	117	117	117	115	113	110	107	102	96.3	90.1	83.3	76.1	68.8	61.5	54.5	47.6	40.4	34.5
25	109	109	109	108	106	104	101	96.6	91.8	86.1	80.0	73.5	66.8	60.1	53.6	47.1	40.5	34.5
30	101	101	101	101	99.0	97.2	94.6	91.3	87.2	82.2	76.7	70.9	64.9	58.7	52.6	46.6	40.6	34.5
35	90.9	91.4	91.6	91.2	90.3	89.1	87.1	84.5	81.3	77.1	72.5	67.4	62.2	56.7	51.2	45.7	40.2	34.5
40	81.0	81.6	81.9	81.9	81.6	80.9	79.7	77.8	75.4	72.1	68.3	64.0	59.5	54.7	49.9	44.9	39.8	34.5
45	70.1	70.8	71.4	71.8	72.1	72.0	71.5	70.4	68.9	66.5	63.6	60.2	56.6	52.6	48.4	44.0	39.4	34.4
50	59.3	60.0	60.8	61.7	62.5	63.1	63.3	63.0	62.4	60.9	58.9	56.5	53.6	50.4	46.9	43.1	39.0	34.4
55	48.3	49.4	50.5	51.8	53.2	54.4	55.3	55.7	55.8	55.2	54.1	52.5	50.5	48.0	45.2	42.0	38.4	34.4
60	37.4	38.9	40.1	41.9	43.8	45.7	47.2	48.5	49.3	49.5	49.3	48.6	47.4	45.6	43.5	40.9	37.9	34.4
65	27.1	28.8	30.6	33.0	35.5	37.9	40.0	41.9	43.3	44.3	44.8	44.8	44.3	43.2	41.7	39.8	37.4	34.3
70	16.9	18.7	21.2	24.1	27.1	30.0	32.8	35.3	37.4	39.1	40.3	41.0	41.2	40.8	40.0	38.7	36.9	34.3
75	8.43	10.2	13.3	16.7	20.2	23.6	26.7	29.6	32.2	34.4	36.1	37.4	38.1	38.4	38.2	37.5	36.3	34.2
80	0.00	1.81	5.51	9.44	13.4	17.1	20.7	24.0	27.1	29.7	32.0	33.8	35.1	36.0	36.3	36.3	35.6	34.1
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

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:14.6DEG
 Operators:QC1
 Test Date:2024-03-05

$V(\beta)$ Range:-80 - 80DEG
 $V(\beta)$ Interval: 5.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
 Humidity:52%
 Test Distance:8.300m [K=1.0000]
 Remarks: