

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	6255.6 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	45.5V x 34.1H
	At 50% of Imax	23.2V x 12.5H
	At 90% of Imax	7.5V x 4.7H

Beam Flux	Total	998.7 lumens per klm.
	To 10% of Imax	709.1 lumens per klm.
	To 50% of Imax	308.5 lumens per klm.
	To 90% of Imax	37.6 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

Luminaire Efficiency(Light Output Ratio)	100.0 %
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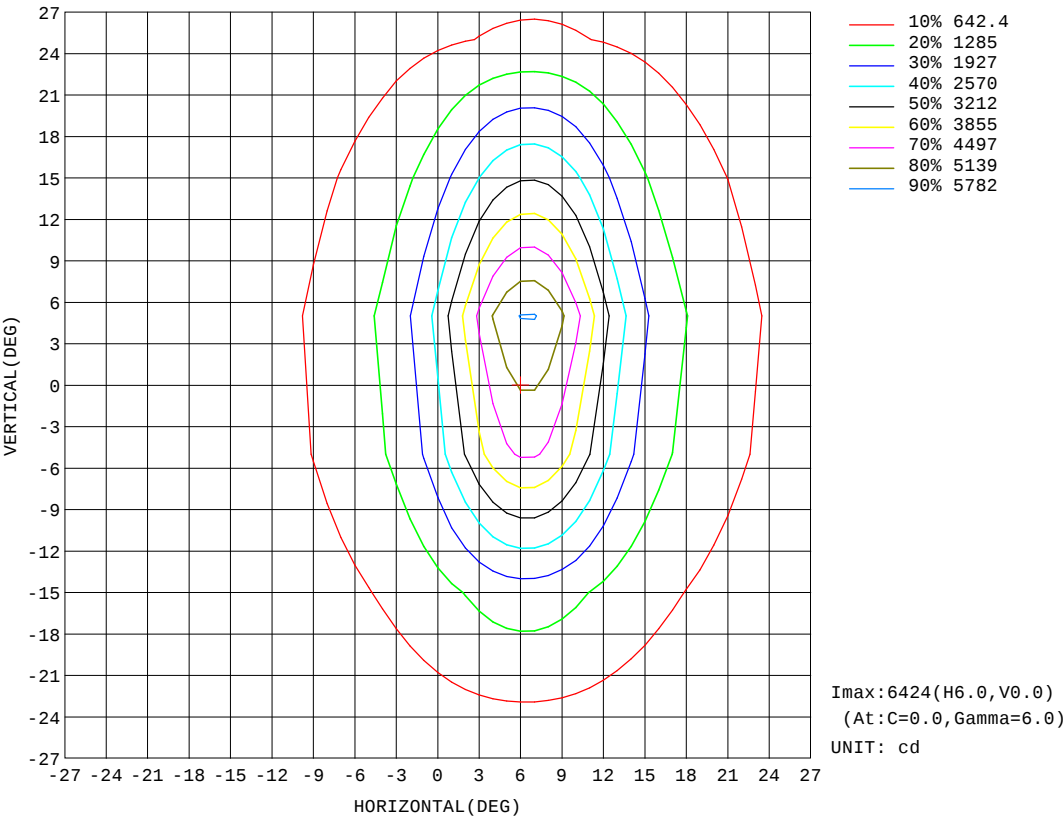
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-04-30

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:221.2V I:0.0927A P:11.46W PF:0.5587 Lamp Flux:1026.98x1 lm		
NAME: 8.01.017.0060 10X22°LWW-WZB-W55-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202404000085
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

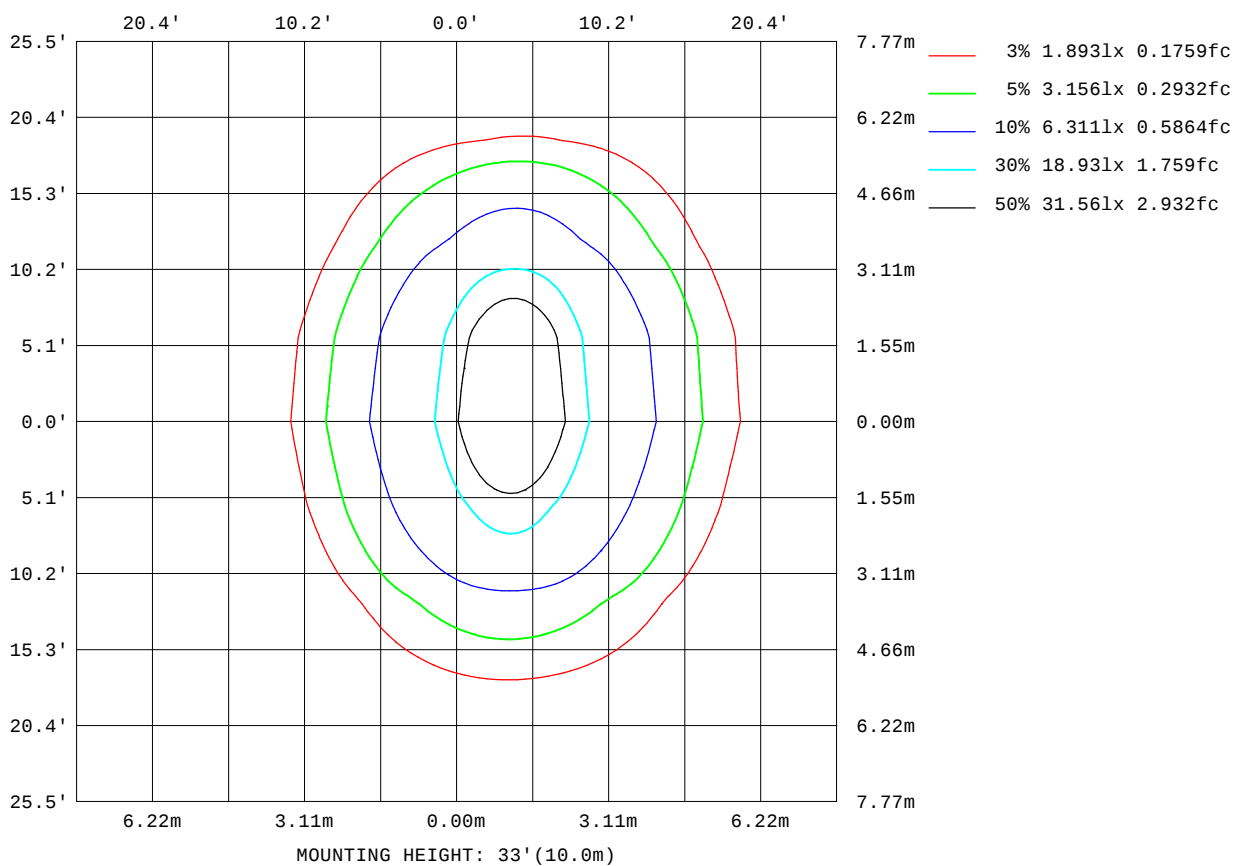


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-04-30

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:221.2V I:0.0927A P:11.46W PF:0.5587 Lamp Flux:1026.98x1 lm		
NAME: 8.01.017.0060 10X22°LWW-WZB-W55-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202404000085
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

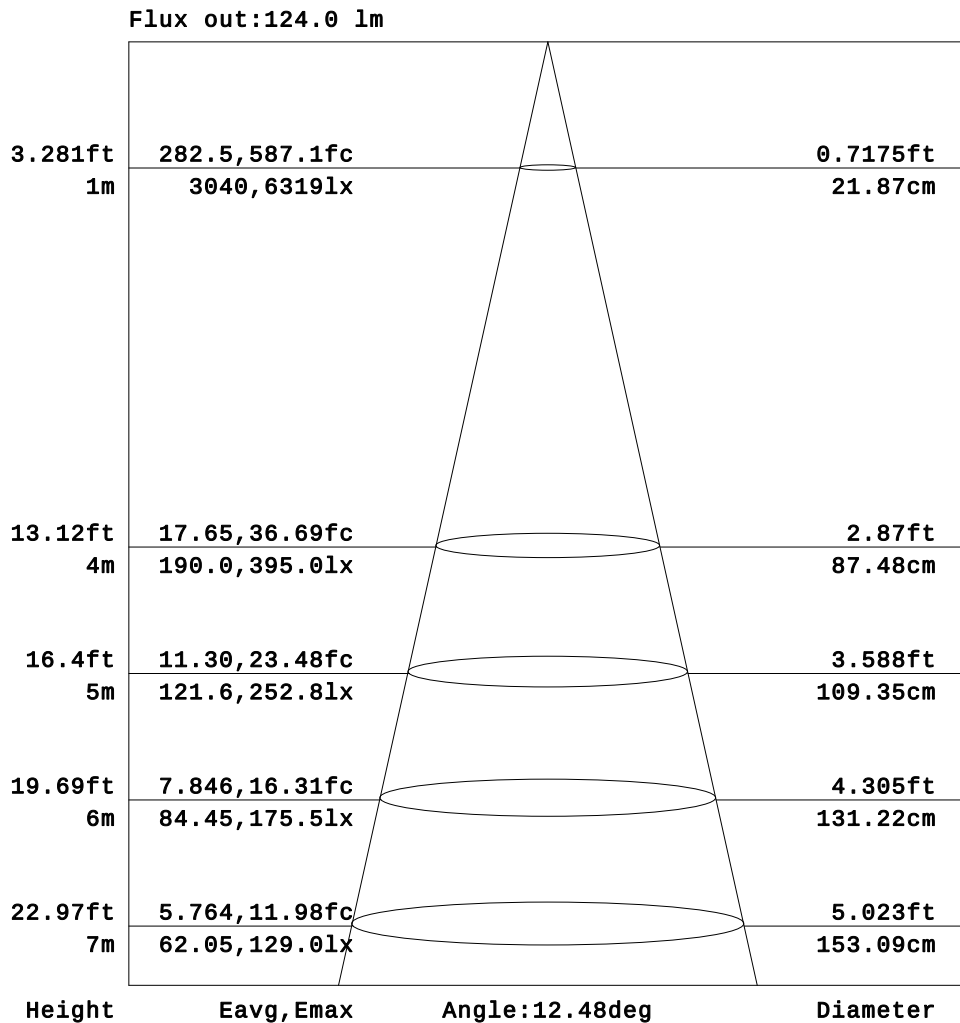


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-04-30

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

AAI Figure

Test:U:221.2V I:0.0927A P:11.46W PF:0.5587 Lamp Flux:1026.98x1 lm		
NAME: 8.01.017.0060 10X22°LWW-WZB-W55-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202404000085
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

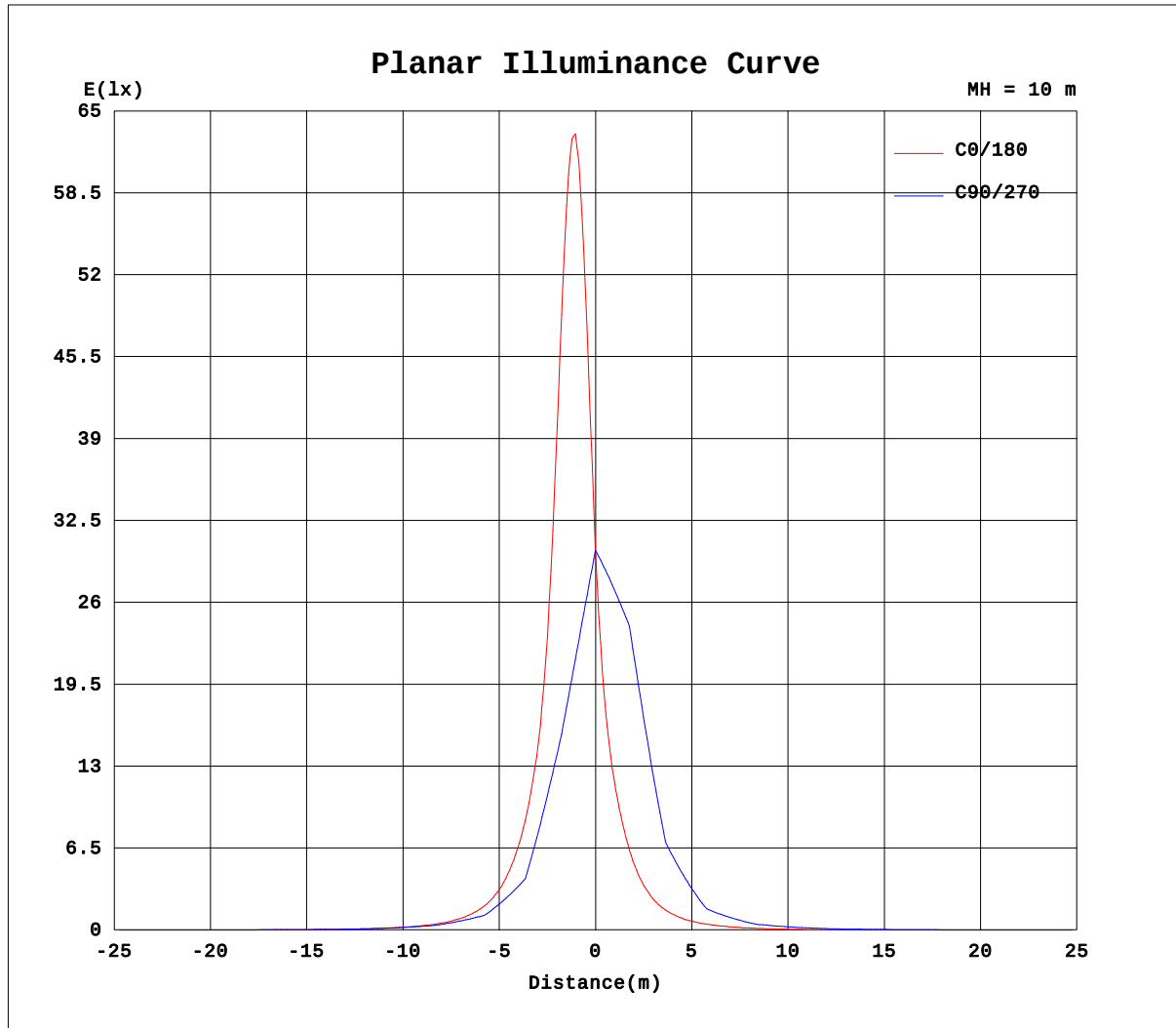


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-04-30

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
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Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-04-30

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.2V I:0.0927A P:11.46W PF:0.5587 Lamp Flux:1026.98x1 lm		
NAME: 8.01.017.0060 10X22°LWW-WZB-W55-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202404000085
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	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	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	1.58	2.39	
-70	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	3.15	4.79	
-65	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	0.38	2.20	4.21	6.35	10.1	12.6	
-60	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	0.76	4.40	8.41	12.7	17.1	20.4	
-55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	2.33	3.95	6.20	10.0	14.6	19.9	25.7	30.1	
-50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	4.67	7.90	11.6	15.6	20.7	27.0	34.3	39.8	
-45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.25	5.08	9.39	14.0	19.5	26.1	34.1	43.5	54.1	62.4	
-40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	4.50	9.19	14.1	20.0	27.4	36.5	47.4	60.0	73.9	84.9	
-35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	6.86	12.4	18.7	26.8	37.2	50.7	68.0	89.4	113	134	
-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.52	9.21	15.6	23.3	33.6	46.9	65.0	88.7	119	152	183	
-25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	5.71	12.1	19.7	29.4	42.7	60.8	87.1	127	186	263	339	
-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	7.90	14.9	23.7	35.5	51.8	74.6	109	165	253	374	494	
-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	9.39	16.9	26.8	40.1	59.3	87.5	135	217	370	626	1061	
-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.90	10.9	19.0	29.9	44.8	66.8	100	160	269	487	878	1628	
-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.24	11.4	19.8	31.0	46.7	70.2	108	177	308	576	1088	2321	
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.58	11.9	20.5	32.2	48.6	73.5	116	193	347	666	1299	3014	
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.22	11.4	19.8	31.2	47.2	71.4	111	186	328	625	1211	2770	
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85	11.0	19.1	30.3	45.7	69.3	107	178	310	583	1123	2527	
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	9.61	17.3	27.5	41.7	62.6	95.0	152	257	463	841	1684	
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	8.27	15.5	24.8	37.7	55.9	82.5	126	203	342	560	841	
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	6.16	12.6	20.5	31.3	46.4	67.6	101	156	249	386	552	
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.05	9.61	16.3	25.0	36.9	52.7	75.3	108	156	212	262	
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	6.65	12.2	19.2	28.5	40.7	57.6	81.3	114	150	183	
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.68	8.20	13.4	20.1	28.6	39.9	54.2	70.7	87.9	104	
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	4.54	8.86	14.0	20.4	28.7	39.1	51.1	63.8	75.8	
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	4.31	7.91	12.2	17.5	24.0	31.5	39.8	47.5	
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	2.15	3.96	7.28	11.5	16.6	22.5	28.9	34.8	
60	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	2.32	5.38	9.13	13.5	18.1	22.2	
65	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	1.16	2.69	4.56	7.56	11.7	15.0	
70	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	1.68	5.29	7.93	
75	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	0.84	2.65	3.96	
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:28.0DEG
Operators:QC1
Test Date:2024-04-30

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.2V I:0.0927A P:11.46W PF:0.5587 Lamp Flux:1026.98x1 lm		
NAME: 8.01.017.0060 10X22°LWW-WZB-W55-L3-S	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:202404000085
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

Table--2																	UNIT: cd	
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	1.88	0.67	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
-70	3.76	1.34	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
-65	11.6	8.39	6.15	4.77	3.54	2.57	1.71	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-60	19.4	15.4	12.3	9.53	7.09	5.14	3.42	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-55	29.6	25.4	21.3	17.6	14.2	11.2	8.48	6.00	3.73	2.22	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-50	39.8	35.3	30.4	25.7	21.4	17.3	13.5	10.2	7.46	4.45	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-45	63.2	57.6	50.5	42.9	35.0	27.6	21.2	15.8	11.4	7.42	3.74	1.00	0.00	0.00	0.00	0.00	0.00	0.00
-40	86.6	79.9	70.6	60.1	48.7	37.9	28.8	21.4	15.4	10.4	6.12	2.01	0.00	0.00	0.00	0.00	0.00	0.00
-35	142	136	121	101	79.4	59.8	44.1	32.1	22.8	15.6	9.81	4.85	1.26	0.00	0.00	0.00	0.00	0.00
-30	198	192	172	143	110	81.7	59.4	42.8	30.1	20.7	13.5	7.69	2.52	0.00	0.00	0.00	0.00	0.00
-25	382	368	312	235	164	112	77.5	54.2	37.3	25.3	16.4	9.65	3.87	0.00	0.00	0.00	0.00	0.00
-20	566	545	452	327	218	143	95.6	65.6	44.5	29.8	19.4	11.6	5.21	0.01	0.00	0.00	0.00	0.00
-15	1603	1398	848	518	309	185	117	77.3	51.2	33.9	21.9	13.2	6.30	0.48	0.00	0.00	0.00	0.00
-10	2640	2251	1244	708	399	227	139	88.9	57.9	37.9	24.4	14.8	7.38	0.96	0.00	0.00	0.00	0.00
-5	4407	3683	1699	882	475	262	155	96.0	61.6	40.1	25.8	15.7	8.01	1.41	0.00	0.00	0.00	0.00
0	6175	5115	2153	1055	552	296	171	103	65.3	42.4	27.3	16.6	8.64	1.86	0.00	0.00	0.00	0.00
5	5574	4693	2014	997	526	284	166	101	64.5	42.0	27.1	16.5	8.55	1.79	0.00	0.00	0.00	0.00
10	4974	4272	1875	939	501	272	160	98.9	63.7	41.5	26.9	16.4	8.45	1.72	0.00	0.00	0.00	0.00
15	3040	2660	1317	717	401	228	139	88.8	58.3	38.4	24.9	15.1	7.55	1.17	0.00	0.00	0.00	0.00
20	1106	1048	759	495	301	185	118	78.7	52.9	35.3	22.9	13.7	6.65	0.61	0.00	0.00	0.00	0.00
25	701	674	512	351	226	146	97.5	67.1	46.0	31.0	20.1	12.0	5.41	0.30	0.00	0.00	0.00	0.00
30	296	300	264	208	151	108	77.2	55.4	39.0	26.6	17.4	10.2	4.18	0.00	0.00	0.00	0.00	0.00
35	206	209	186	150	113	82.9	60.8	44.3	31.6	21.7	14.1	7.87	2.51	0.00	0.00	0.00	0.00	0.00
40	116	118	108	91.7	74.1	58.0	44.3	33.2	24.1	16.8	10.8	5.56	0.85	0.00	0.00	0.00	0.00	0.00
45	84.3	86.2	79.5	67.2	54.7	43.2	33.3	25.2	18.3	12.7	7.76	3.34	0.43	0.00	0.00	0.00	0.00	0.00
50	53.0	54.6	50.6	42.8	35.2	28.5	22.4	17.2	12.6	8.54	4.73	1.12	0.00	0.00	0.00	0.00	0.00	0.00
55	39.0	40.2	37.1	30.9	24.9	20.0	15.6	11.7	8.22	4.97	2.36	0.56	0.00	0.00	0.00	0.00	0.00	0.00
60	25.0	25.7	23.5	19.0	14.6	11.6	8.76	6.24	3.85	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	17.3	17.8	15.9	12.4	8.65	5.99	4.38	3.12	1.92	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	9.62	9.79	8.38	5.85	2.67	0.41	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	4.81	4.90	4.19	2.92	1.34	0.20	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
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:28.0DEG
Operators:QC1
Test Date:2024-04-30

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks: