

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	377.0 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	153.4V x 159.0H
	At 50% of Imax	107.7V x 110.3H
	At 90% of Imax	45.1V x 47.2H

Beam Flux	Total	997.6 lumens per klm.
	To 10% of Imax	985.5 lumens per klm.
	To 50% of Imax	725.6 lumens per klm.
	To 90% of Imax	174.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

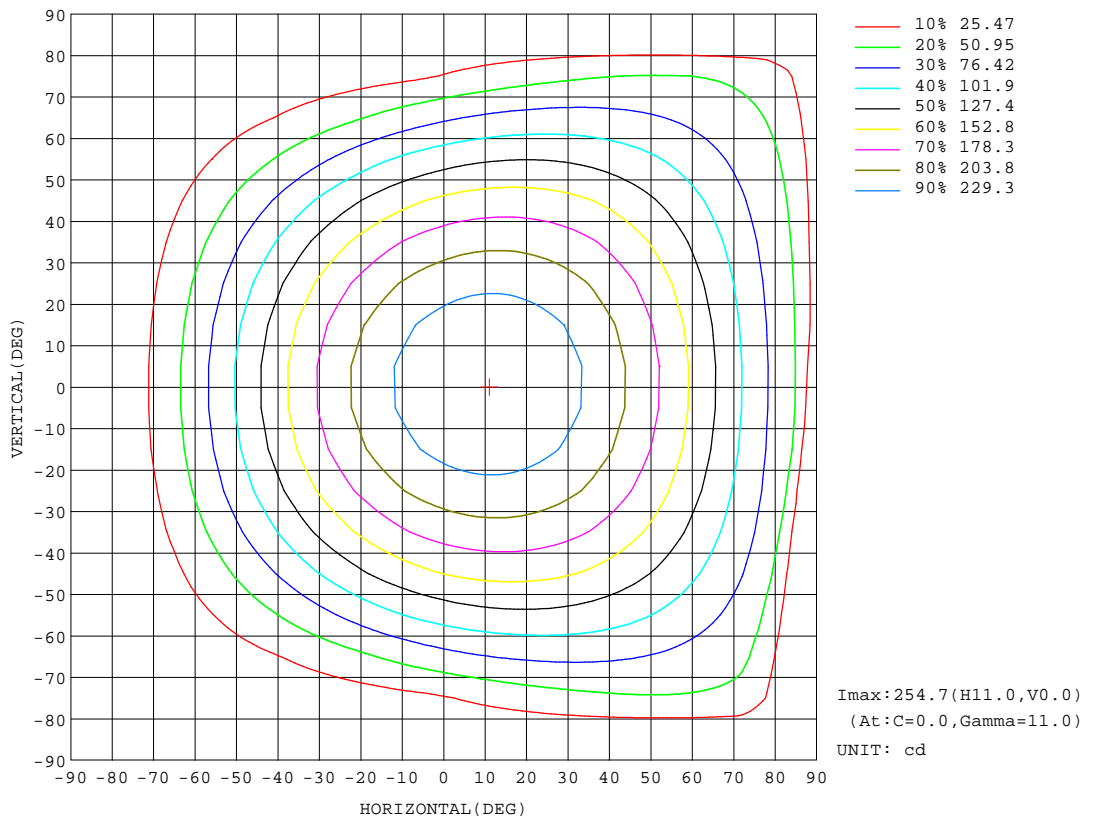
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-09-11

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

ISOCANDELA DIAGRAM

Test:U:220.5V I:0.0662A P:7.763W PF:0.5322 Lamp Flux:675.635x1 lm		
NAME: 8.02.038.0035 LLS-WZB-W40-L3-DIM	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2024090057
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

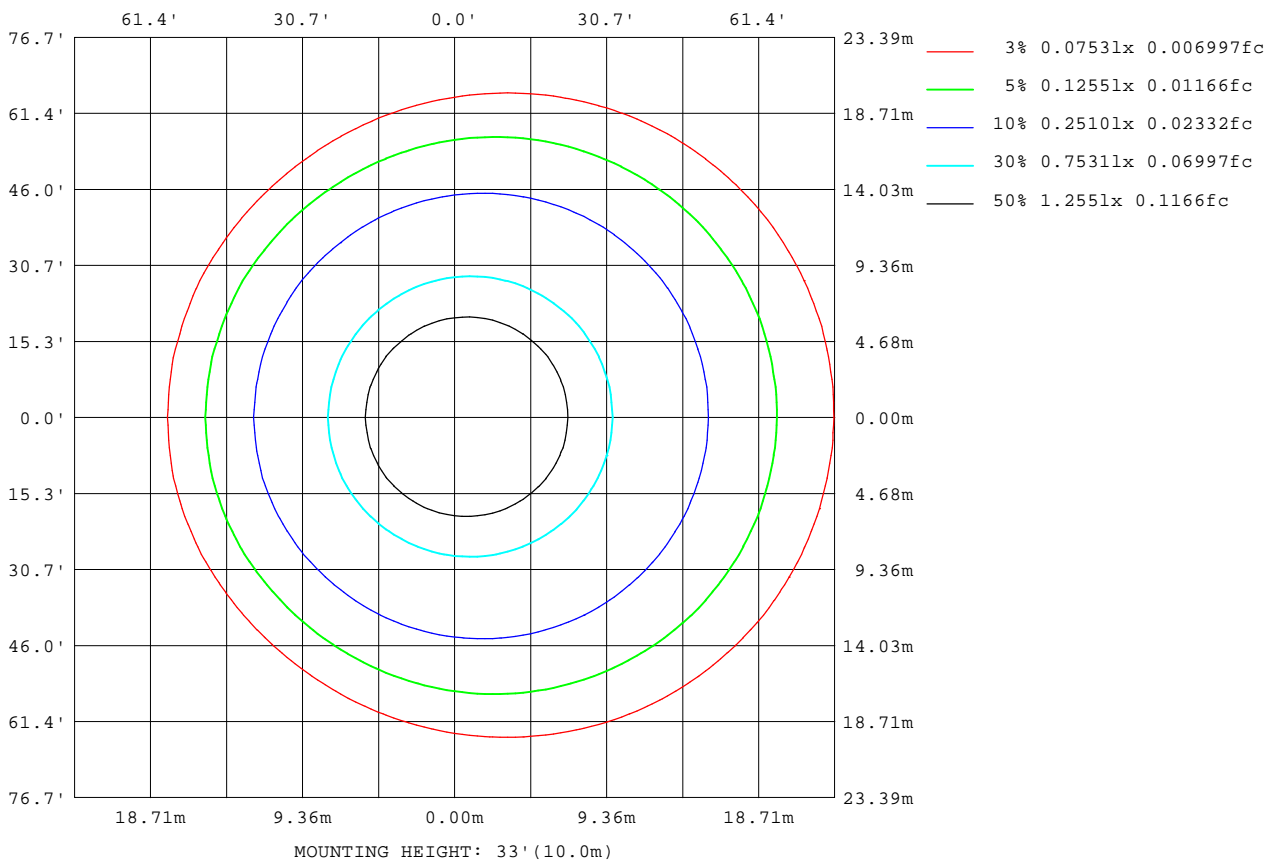


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:28.0DEG
 Operators:QC1
 Test Date:2024-09-11

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

ISOLUX DIAGRAM

Test:U:220.5V I:0.0662A P:7.763W PF:0.5322 Lamp Flux:675.635x1 lm		
NAME: 8.02.038.0035 LLS-WZB-W40-L3-DIM	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2024090057
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

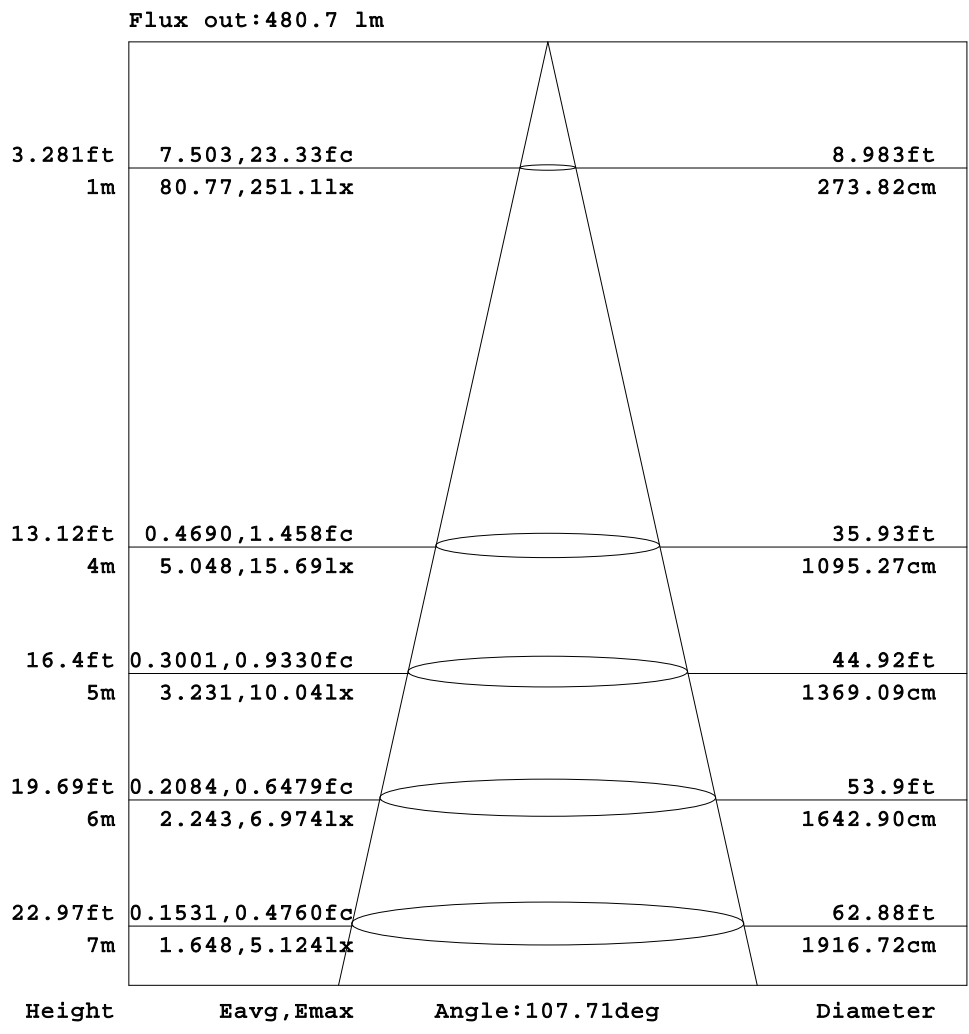


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-09-11

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

AAI Figure

Test:U:220.5V I:0.0662A P:7.763W PF:0.5322 Lamp Flux:675.635x1 lm		
NAME: 8.02.038.0035 LLS-WZB-W40-L3-DIM	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2024090057
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

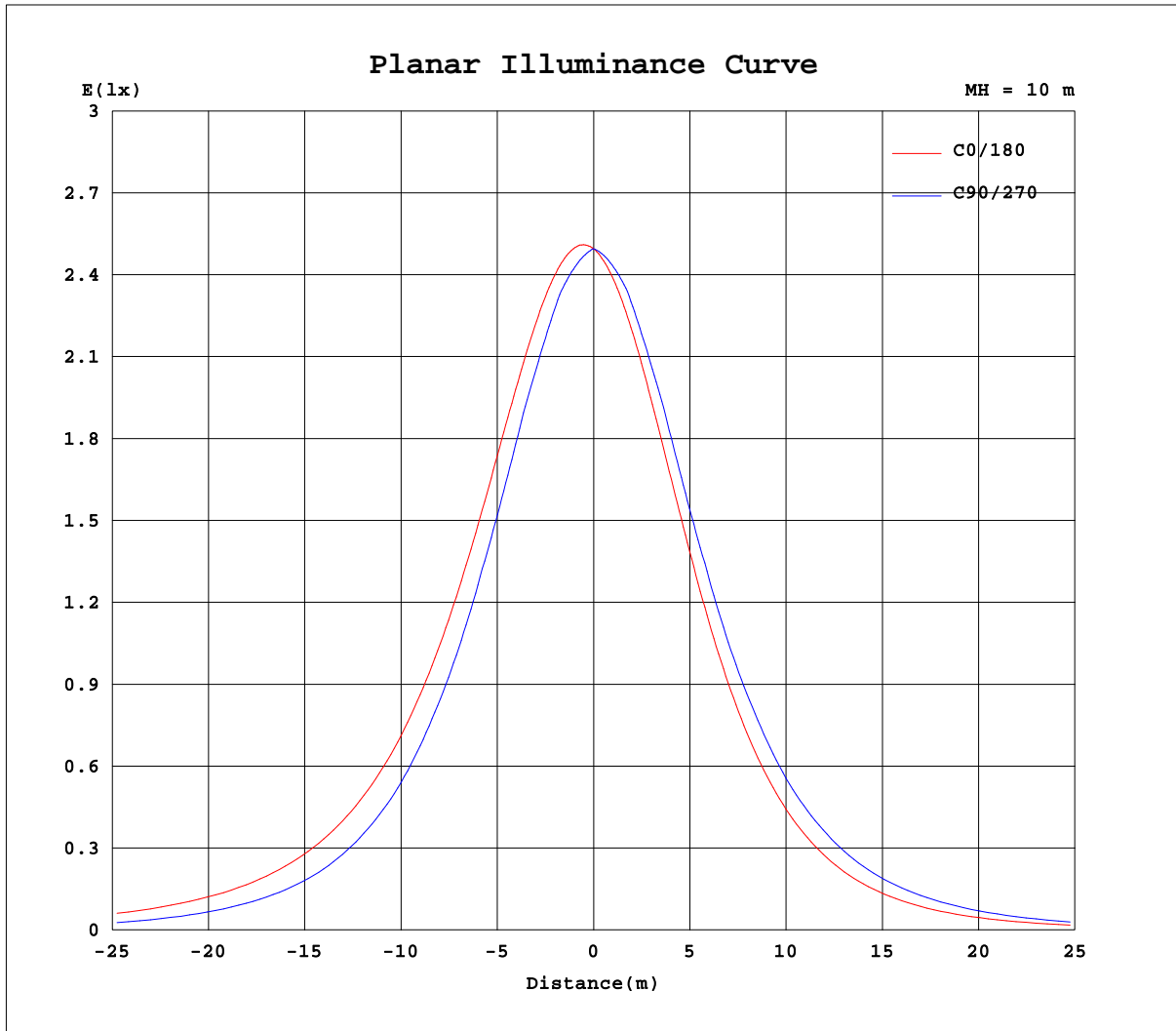


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Temperature:28.0DEG
Operators:QC1
Test Date:2024-09-11

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

Planar Illuminance Curve



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Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-09-11

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.5V I:0.0662A P:7.763W PF:0.5322 Lamp Flux:675.635x1 lm		
NAME: 8.02.038.0035 LLS-WZB-W40-L3-DIM	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2024090057
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

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	2.34
-75	0.00	0.00	0.00	0.00	0.00	0.00	0.59	1.99	3.31	4.68	6.12	7.65	9.32	11.2	13.2	15.5	17.8	20.2	23.6
-70	0.00	0.00	0.00	0.00	0.00	0.00	1.18	3.98	6.63	9.36	12.2	15.3	18.6	22.3	26.4	30.9	35.7	40.4	44.9
-65	0.00	0.00	0.00	0.00	0.89	3.25	6.68	11.2	15.5	20.0	24.8	29.9	35.2	40.8	46.6	52.4	58.1	63.4	68.1
-60	0.00	0.00	0.00	0.00	1.79	6.49	12.2	18.5	24.4	30.7	37.4	44.4	51.7	59.2	66.8	73.9	80.5	86.4	91.3
-55	0.00	0.00	0.00	0.57	4.83	11.0	18.6	26.2	34.0	42.3	50.9	59.7	68.8	77.8	86.4	94.3	101	108	113
-50	0.00	0.00	0.00	1.14	7.88	15.6	25.0	34.0	43.7	53.8	64.4	75.1	85.9	96.3	106	115	122	129	134
-45	0.00	0.00	0.00	2.94	11.0	20.4	31.3	42.0	53.6	65.6	77.8	90.0	102	113	124	133	141	148	153
-40	0.00	0.00	0.00	4.73	14.2	25.3	37.6	50.1	63.5	77.3	91.1	105	118	130	142	151	160	167	172
-35	0.00	0.00	0.01	5.97	17.1	29.8	43.2	57.2	72.0	87.2	102	117	131	145	156	167	175	183	188
-30	0.00	0.00	0.01	7.20	19.9	34.4	48.7	64.2	80.5	97.1	114	130	145	159	171	182	191	198	204
-25	0.00	0.00	0.36	9.06	23.1	37.7	53.2	69.9	87.3	105	122	139	155	169	182	194	203	211	216
-20	0.00	0.00	0.70	10.9	26.2	41.1	57.7	75.5	94.0	113	131	149	165	180	194	205	215	223	228
-15	0.00	0.00	0.65	12.7	27.3	42.9	60.2	78.7	97.9	117	136	154	171	187	200	212	222	230	236
-10	0.00	0.00	0.59	14.5	28.5	44.7	62.7	82.0	102	122	141	160	177	193	207	219	230	238	244
-5	0.00	0.00	1.45	14.9	29.1	45.5	63.8	83.3	103	124	143	162	180	196	210	222	232	241	247
0	0.00	0.00	2.30	15.3	29.7	46.4	64.9	84.6	105	125	145	164	182	198	213	225	235	244	250
5	0.00	0.00	2.09	14.8	29.0	45.5	63.8	83.3	103	124	144	162	180	196	210	223	233	241	247
10	0.00	0.00	1.88	14.4	28.4	44.6	62.7	81.9	102	122	142	160	178	194	208	220	231	239	245
15	0.00	0.00	1.38	13.6	27.1	42.8	60.2	78.8	98.1	118	137	155	172	188	202	214	224	232	238
20	0.00	0.00	0.89	12.9	25.9	41.0	57.7	75.7	94.3	113	132	150	166	182	195	207	217	225	231
25	0.00	0.00	0.45	11.3	23.5	37.6	53.2	70.1	87.7	105	123	140	156	171	184	196	205	213	219
30	0.00	0.00	0.01	9.77	21.1	34.1	48.8	64.5	81.0	97.8	115	131	146	161	173	184	194	201	207
35	0.00	0.00	0.01	7.32	18.4	30.2	43.4	57.8	72.9	88.3	104	119	134	147	159	170	179	186	192
40	0.00	0.00	0.00	4.87	15.7	26.3	38.1	51.0	64.7	78.8	93.0	107	121	133	145	155	164	171	176
45	0.00	0.00	0.00	3.15	12.4	21.6	31.8	43.0	54.9	67.2	79.8	92.4	105	116	127	137	145	152	158
50	0.00	0.00	0.00	1.43	9.04	16.8	25.5	34.9	45.1	55.6	66.6	77.7	88.9	99.6	110	119	127	133	139
55	0.00	0.00	0.00	0.72	5.33	12.3	19.3	27.0	35.2	43.9	53.0	62.2	71.7	81.0	89.9	98.1	105	112	117
60	0.00	0.00	0.00	0.00	1.63	7.68	13.2	19.1	25.4	32.2	39.3	46.7	54.5	62.4	70.2	77.6	84.4	90.5	95.7
65	0.00	0.00	0.00	0.00	0.81	3.84	6.87	11.7	16.4	21.3	26.5	31.9	37.6	43.6	49.7	55.9	61.8	67.4	72.3
70	0.00	0.00	0.00	0.00	0.00	0.00	0.57	4.31	7.30	10.4	13.6	17.0	20.8	24.8	29.3	34.2	39.3	44.2	48.9
75	0.00	0.00	0.00	0.00	0.00	0.00	0.29	2.16	3.65	5.22	6.81	8.51	10.4	12.4	14.6	17.1	19.6	22.6	26.6
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	1.04	4.30
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
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Operators:QC1
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

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NAME: 8.02.038.0035 LLS-WZB-W40-L3-DIM	TYPE:LED	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:2024090057
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	5.65	9.35	13.2	17.1	20.9	24.7	28.1	31.2	33.9	36.1	37.7	38.7	39.1	38.9	28.5	14.9	3.55	4.13
-75	27.3	31.0	34.5	37.8	40.7	43.3	45.5	47.1	48.3	48.9	49.0	48.4	47.1	45.3	34.2	18.1	5.13	4.38
-70	49.0	52.7	55.9	58.5	60.5	62.0	62.8	63.0	62.7	61.8	60.3	58.1	55.2	51.6	39.9	21.2	6.71	4.64
-65	72.2	75.7	78.3	80.2	81.4	81.7	81.2	80.0	78.0	75.3	72.0	68.0	63.3	58.0	46.1	24.8	7.70	3.56
-60	95.5	98.6	101	102	102	101	99.6	96.9	93.3	88.8	83.7	77.9	71.4	64.3	52.2	28.4	8.68	2.47
-55	117	120	121	122	122	120	117	113	108	102	95.2	87.6	79.4	70.5	59.0	32.8	9.96	1.24
-50	138	141	142	142	141	138	134	129	123	115	107	97.3	87.3	76.7	65.7	37.2	11.2	0.00
-45	157	160	161	160	158	155	150	143	136	127	117	106	94.2	82.0	69.5	45.4	13.3	0.00
-40	176	178	179	178	175	171	165	158	149	138	127	114	101	87.3	73.3	53.7	15.4	0.00
-35	192	194	194	193	190	185	178	170	160	148	136	122	107	92.1	76.7	58.6	18.4	0.00
-30	208	210	210	208	204	198	191	182	171	158	144	129	113	96.8	80.0	63.5	21.3	0.00
-25	220	222	221	219	215	209	201	191	179	166	151	135	118	100	82.4	65.0	28.7	0.00
-20	232	234	233	230	226	219	210	200	187	173	157	140	122	104	84.8	66.5	36.1	0.00
-15	240	241	241	238	233	226	217	206	193	178	162	144	125	106	86.8	67.8	43.1	0.00
-10	248	249	248	245	240	233	223	212	198	183	166	148	129	109	88.8	69.2	50.1	0.00
-5	250	252	251	248	243	235	225	214	200	185	168	149	130	109	89.3	69.5	50.3	0.00
0	253	255	254	251	245	237	227	216	202	186	169	150	131	110	89.8	69.8	50.4	0.00
5	251	253	252	249	243	236	226	214	200	185	168	149	130	110	89.5	69.7	50.5	0.00
10	249	250	250	247	241	234	224	213	199	184	167	149	129	109	89.3	69.6	50.5	0.00
15	242	243	243	240	235	228	218	207	194	179	163	145	127	107	87.6	68.5	50.0	3.27
20	235	236	236	233	228	221	213	202	189	175	159	142	124	105	86.0	67.5	49.5	6.54
25	223	225	224	222	218	212	203	193	181	168	153	137	119	102	83.8	66.2	48.9	8.61
30	211	213	213	211	207	202	194	185	174	161	147	132	115	98.6	81.6	64.8	48.4	10.7
35	196	198	198	197	193	188	182	173	163	151	138	124	109	93.9	78.3	62.7	47.4	11.1
40	180	183	183	182	180	175	169	161	152	142	130	117	103	89.3	74.9	60.5	46.3	11.4
45	162	164	165	165	163	159	154	147	139	130	120	108	96.5	84.0	71.2	58.2	45.3	11.6
50	143	146	147	147	146	143	139	133	126	119	110	100.0	89.7	78.7	67.4	55.9	44.3	11.7
55	121	124	126	127	126	124	121	117	112	105	98.2	90.3	81.7	72.6	63.0	53.1	42.6	11.7
60	99.9	103	105	107	107	106	104	101	97.0	92.2	86.8	80.6	73.8	66.4	58.5	50.2	40.9	11.8
65	76.5	80.1	82.8	84.7	85.8	86.0	85.3	83.8	81.6	78.7	75.0	70.7	65.7	60.1	54.0	47.3	33.3	11.9
70	53.1	57.0	60.2	62.8	64.8	66.1	66.8	66.8	66.3	65.1	63.3	60.8	57.6	53.8	49.4	44.4	25.7	12.0
75	30.5	34.4	38.0	41.3	44.3	46.8	48.8	50.4	51.4	51.8	51.7	50.9	49.4	47.4	44.6	37.0	20.3	12.2
80	7.95	11.8	15.9	19.8	23.7	27.5	30.9	33.9	36.5	38.6	40.1	41.0	41.2	40.9	39.9	29.5	14.9	12.4
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
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Operators:QC1
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