

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

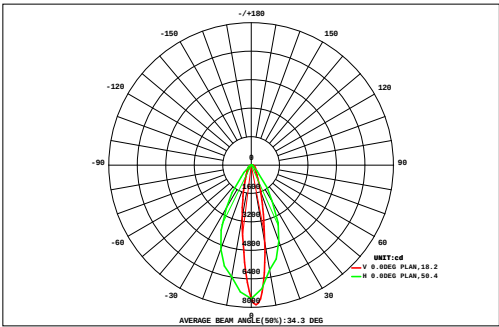
Maximum Intensity (Luminaire orientation as tested.)		2418.4 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	81.4V x 51.7H
	At 50% of Imax	50.4V x 18.2H
	At 90% of Imax	13.7V x 6.3H
Beam Flux	Total	999.7 lumens per klm.
	To 10% of Imax	730.6 lumens per klm.
	To 50% of Imax	327.6 lumens per klm.
	To 90% of Imax	32.9 lumens per klm.
Upward LOR		0.0 %
Downward LOR		100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-11-06

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.7V I:0.2490A P:34.24W PF:1.000 Freq:50.00Hz Lamp Flux:3244.58x1 lm		
NAME: 8.01.017.0107 15°x55° LW-WZB-W55-L6-S	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:202411005
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:94.75lm/W	
MODEL	LW-WZB-W55-L6-S	Imax(cd)	7847
NOMINAL POWER(W)	34	AVAILABILITY(%)	73.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	2389
NOMINAL FLUX(lm)	3244.58	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	3245
TEST VOLTAGE(V)	220	θ @50%(H,V)	18,50DEG

		AREA FLUX DIAGRAM														UNIT:lm				Φ t	Φ a
VERTICAL (DEG)	72	0.00	0.03	0.20	0.45	0.75	1.07	1.37	1.60	1.73	1.69	1.49	1.19	0.84	0.51	0.22	0.04	0.01	0.00	13.2	0.00
	64	0.05	0.31	0.71	1.20	1.71	2.20	2.64	2.99	3.19	3.14	2.89	2.50	2.01	1.47	0.93	0.45	0.10	0.00	28.5	0.00
	56	0.16	0.59	1.19	1.83	2.44	3.02	3.62	4.20	4.60	4.52	4.07	3.53	2.96	2.37	1.70	1.00	0.40	0.05	42.2	0.00
	48	0.30	0.87	1.59	2.37	3.19	4.17	5.52	7.65	10.7	10.1	7.11	5.31	4.11	3.16	2.30	1.44	0.69	0.15	70.8	4.09
	40	0.45	1.11	1.92	2.87	4.11	5.93	8.91	15.3	26.9	23.8	12.8	8.04	5.56	3.88	2.69	1.72	0.89	0.26	127	61.0
	32	0.54	1.26	2.22	3.46	5.21	7.99	13.2	28.1	58.8	47.6	20.7	11.5	7.35	4.81	3.16	1.98	1.07	0.36	219	159
	24	0.60	1.39	2.45	3.91	6.08	9.88	18.0	41.2	91.7	73.6	30.1	15.2	9.01	5.71	3.66	2.24	1.20	0.45	316	263
		0.63	1.47	2.63	4.25	6.66	11.3	22.7	52.5	111	95.2	42.0	19.6	10.5	6.37	3.99	2.42	1.30	0.51	395	345
		0.66	1.53	2.75	4.47	7.08	12.4	26.3	62.0	128	109	49.5	22.3	11.1	6.61	4.12	2.49	1.34	0.52	453	404
		0.70	1.58	2.81	4.58	7.31	13.0	28.0	66.8	136	106	46.9	20.9	10.6	6.34	3.99	2.42	1.28	0.49	460	412
		0.66	1.51	2.71	4.37	6.83	11.5	22.4	52.0	106	84.9	37.2	17.8	9.69	5.96	3.76	2.30	1.24	0.47	371	320
	-24	0.59	1.38	2.45	3.90	6.01	9.44	16.3	37.4	83.7	67.6	27.7	14.1	8.32	5.31	3.44	2.14	1.15	0.43	291	235
-32	0.50	1.23	2.18	3.40	5.07	7.55	12.0	24.3	51.6	43.7	19.1	10.5	6.74	4.46	2.99	1.90	1.03	0.36	199	137	
-40	0.40	1.06	1.90	2.89	4.12	5.78	8.35	14.3	24.2	20.4	11.2	7.20	5.05	3.55	2.48	1.61	0.85	0.25	116	49.8	
-48	0.30	0.88	1.60	2.37	3.22	4.19	5.40	6.77	6.97	6.25	5.62	4.57	3.58	2.76	2.01	1.28	0.59	0.11	58.5	0.00	
-56	0.15	0.58	1.21	1.88	2.47	2.96	3.31	3.39	3.20	3.39	3.46	3.16	2.74	2.22	1.58	0.90	0.33	0.04	37.0	0.00	
-64	0.03	0.26	0.66	1.17	1.69	2.19	2.62	2.95	3.12	3.08	2.81	2.39	1.90	1.37	0.86	0.40	0.10	0.01	27.6	0.00	
-72	0.00	0.05	0.20	0.45	0.75	1.04	1.32	1.54	1.67	1.64	1.44	1.16	0.84	0.52	0.25	0.09	0.02	0.00	13.0	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)				16	24	32	40	48	56	64	72	
Φ t	6.72	17.1	31.4	49.8	74.7	116	202	425	853	706	326	171	103	67.4	44.1	26.8	13.6	4.45	3237	---	
Φ a	0.00	0.00	0.00	0.00	0.00	16.0	134	379	819	669	273	94.8	3.16	0.00	0.00	0.00	0.00	0.00	---	2389	

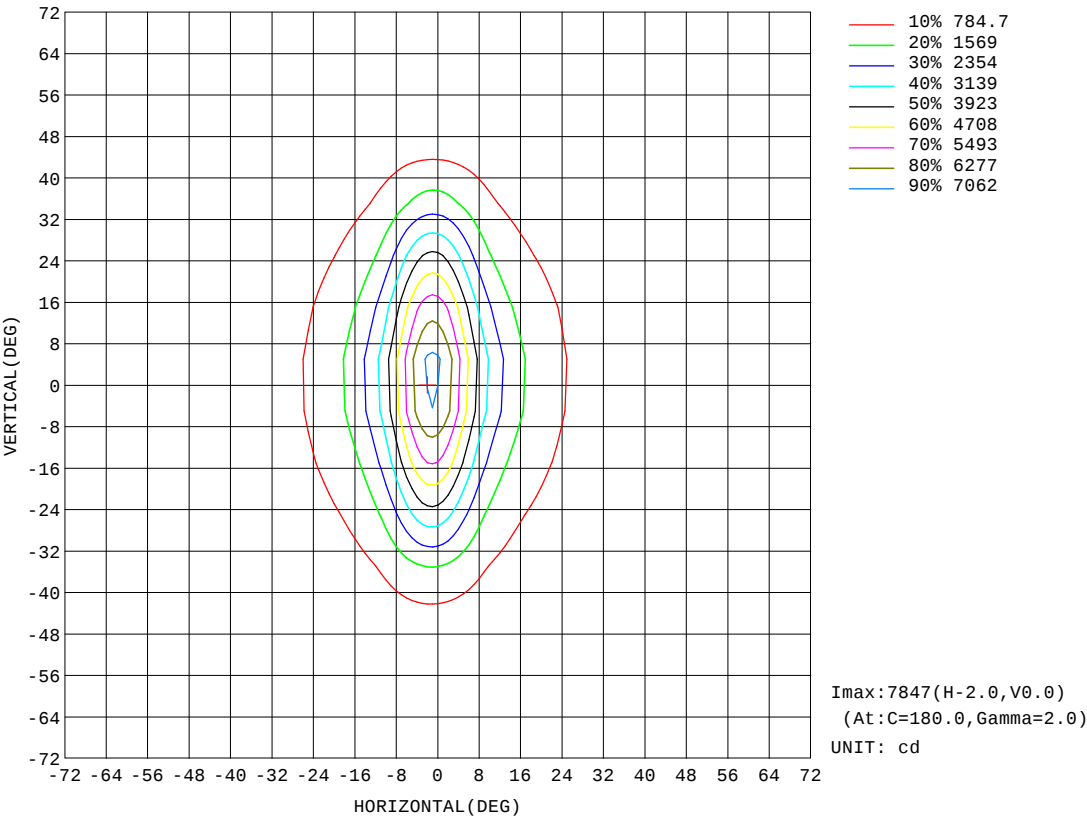
one-half-peak spread: U:24.4,D:26.3 , L:9.1,R:9.1 Beam Type: Type 4 x 5 (H x V)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-11-06

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.7V I:0.2490A P:34.24W PF:1.000 Freq:50.00Hz Lamp Flux:3244.58x1 lm		
NAME: 8.01.017.0107 15°x55° LWW-WZB-W55-L6-S	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:202411005
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	Shielding Angle:

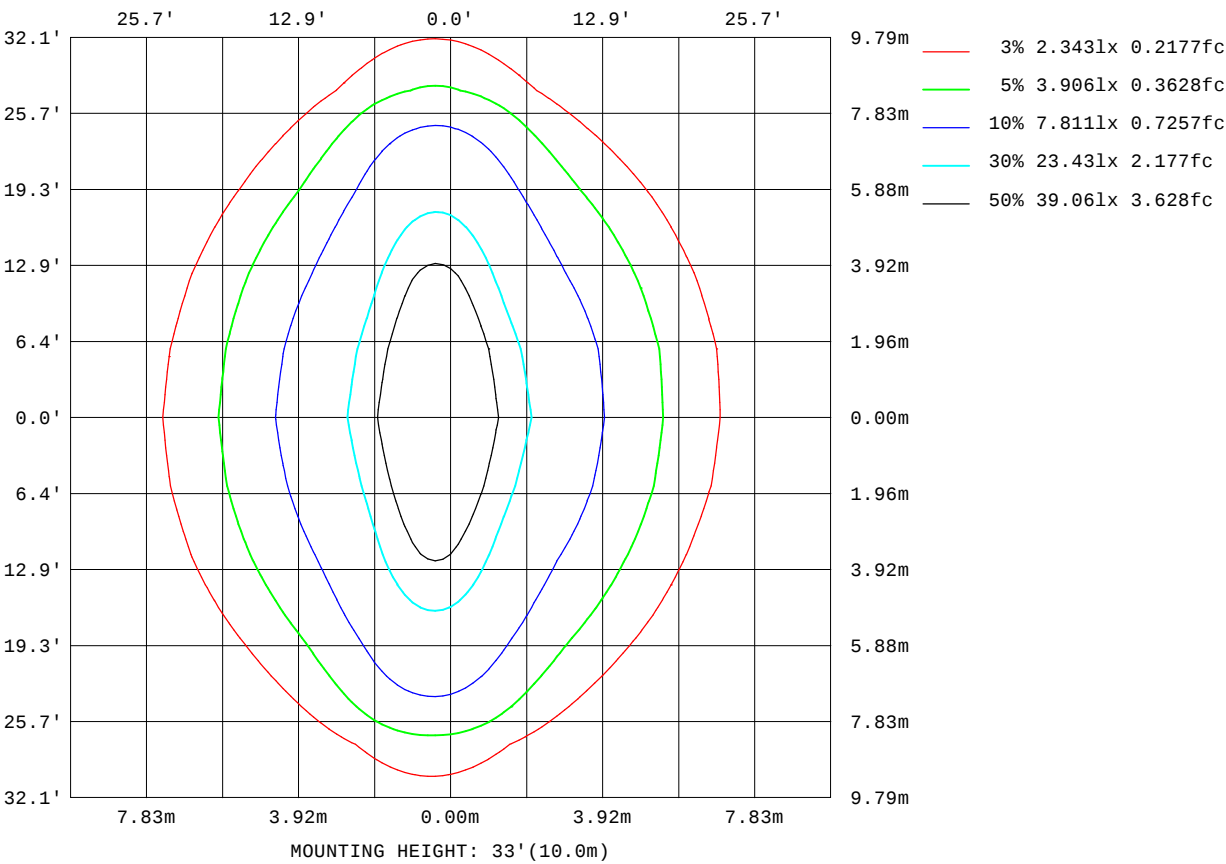


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Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

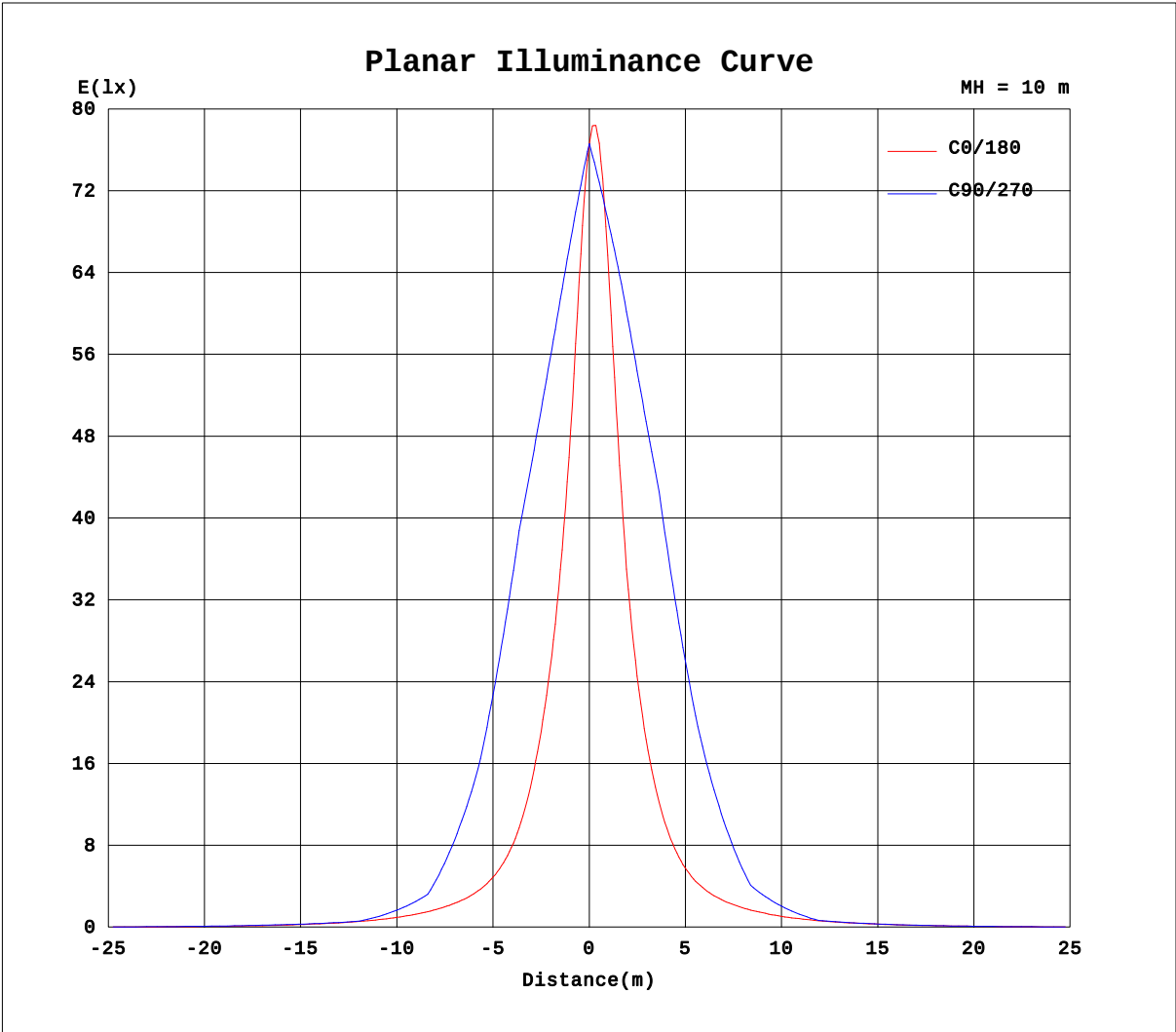
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MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	Shielding Angle:



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Test Speed: HIGH
Temperature:28.0DEG
Operators:QC1
Test Date:2024-11-06

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V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

Planar Illuminance Curve

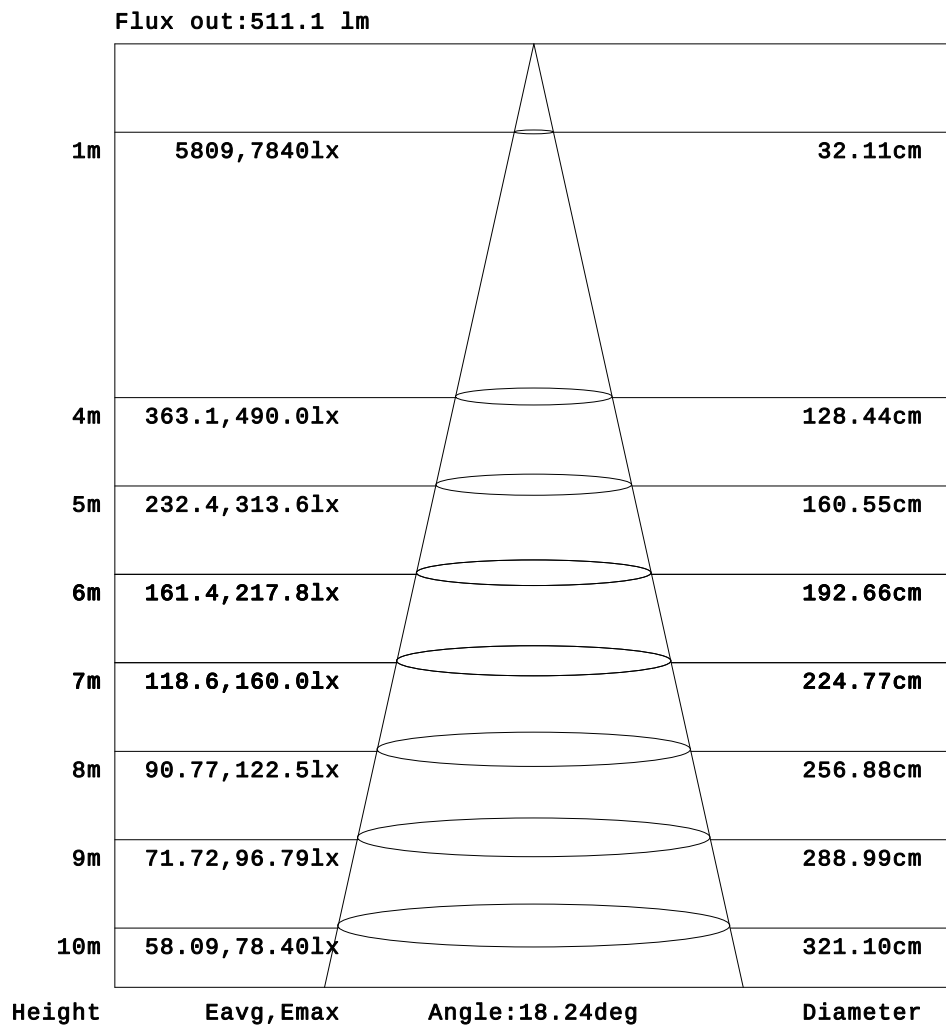


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Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
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Remarks:

AAI Figure

Test:U:220.7V I:0.2490A P:34.24W PF:1.000 Freq:50.00Hz Lamp Flux:3244.58x1 lm		
NAME: 8.01.017.0107 15°x55° LWW-WZB-W55-L6-S	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:202411005
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	Shielding 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:2024-11-06

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.2490A P:34.24W PF:1.000 Freq:50.00Hz Lamp Flux:3244.58x1 lm		
NAME: 8.01.017.0107 15°x55° LWW-WZB-W55-L6-S	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:202411005
MFR.: TPK OPTOELECTRONIC TECH CO., LTD	SUR.:	Shielding 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	0.18	1.71	2.02
-75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	5.20	8.96	12.7	16.3	19.8	23.1	26.2	28.9	31.1	33.3	34.0
-70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.05	11.9	19.4	26.8	34.1	40.9	47.5	53.5	58.7	62.9	65.5	65.7
-65	0.00	0.00	0.00	0.00	0.00	4.32	12.3	22.2	35.7	48.2	60.0	70.8	80.6	89.5	97.4	104	109	113	114
-60	0.00	0.00	0.00	0.00	0.00	12.1	28.4	45.8	64.6	81.9	97.7	112	124	135	144	152	158	161	161
-55	0.00	0.00	0.00	0.00	4.78	21.6	43.3	66.0	88.2	108	125	140	152	164	174	183	191	196	197
-50	0.00	0.00	0.00	0.00	14.6	40.2	67.4	95.4	120	141	159	173	185	197	208	218	227	233	233
-45	0.00	0.00	0.00	0.79	20.1	48.6	79.0	108	134	158	179	200	223	249	281	322	384	458	479
-40	0.00	0.00	0.00	6.10	36.3	69.8	103	132	158	183	208	237	271	312	368	447	572	705	712
-35	0.00	0.00	0.00	6.93	38.4	73.0	108	139	170	200	233	272	319	381	470	618	927	1406	1568
-30	0.00	0.00	0.00	18.5	53.6	91.3	126	159	194	231	273	324	390	480	616	878	1463	2262	2341
-25	0.00	0.00	0.00	16.7	53.5	91.6	129	164	202	243	291	351	430	544	722	1051	1810	3111	3576
-20	0.00	0.00	0.00	28.8	68.7	107	145	184	225	273	331	405	509	667	926	1433	2624	4417	4565
-15	0.00	0.00	0.00	24.0	64.0	104	143	184	227	278	337	415	526	708	1017	1587	2755	4728	5463
-10	0.00	0.00	0.78	34.7	75.4	116	157	201	248	304	371	461	603	847	1281	2093	3591	5732	6000
-5	0.00	0.00	0.00	28.2	68.9	110	151	195	241	296	364	452	590	836	1288	2093	3575	6012	6969
0	0.00	0.00	2.04	37.7	79.0	120	162	206	255	313	388	487	653	966	1547	2559	4438	7151	7499
5	0.00	0.00	0.01	28.5	69.3	110	151	195	241	296	364	452	592	848	1322	2163	3681	6154	7157
10	0.00	0.00	1.27	35.3	76.0	116	158	201	248	304	371	463	611	878	1361	2231	3816	6038	6382
15	0.00	0.00	0.01	25.4	65.0	104	144	184	227	277	337	416	533	734	1082	1711	2944	5034	5877
20	0.00	0.00	0.27	30.9	69.9	108	146	184	224	272	331	407	519	700	996	1551	2806	4769	5017
25	0.00	0.00	0.00	19.1	55.9	93.1	129	164	201	242	290	353	438	568	774	1141	1963	3443	4040
30	0.00	0.00	0.00	21.3	57.0	92.7	126	159	193	230	273	327	400	504	663	958	1636	2640	2813
35	0.00	0.00	0.00	10.2	42.0	76.3	109	140	170	199	233	274	326	398	504	677	1043	1652	1905
40	0.00	0.00	0.00	10.7	40.7	73.4	104	132	158	182	207	239	278	329	398	499	671	875	907
45	0.00	0.00	0.00	2.81	24.3	53.2	82.7	110	135	157	178	200	225	255	296	350	435	547	590
50	0.00	0.00	0.00	0.05	19.1	44.9	72.5	98.6	122	142	157	170	182	196	212	228	244	255	257
55	0.00	0.00	0.00	0.00	7.17	25.7	47.9	70.0	90.7	109	125	139	151	163	176	189	200	209	211
60	0.00	0.00	0.00	0.00	0.77	15.2	32.4	50.1	67.4	83.9	98.9	112	125	135	145	154	160	164	164
65	0.00	0.00	0.00	0.00	0.00	5.98	14.4	26.0	38.8	51.3	63.0	74.0	84.2	93.2	102	109	115	119	120
70	0.00	0.00	0.00	0.00	0.00	0.00	0.05	7.09	15.3	23.5	31.7	39.8	47.6	54.8	61.4	67.2	71.6	74.3	74.3
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75	6.81	10.9	15.0	19.1	23.0	26.7	30.6	35.0	38.6	40.9	41.4
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	1.59	4.39	6.66	8.19	8.24
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:2024-11-06

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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	0.40	0.00	0.00	0.00	0.00	0.00	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	32.3	29.4	26.1	22.4	18.4	14.4	10.3	6.34	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-70	62.9	57.5	50.8	43.2	35.3	27.2	19.1	11.1	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-65	111	105	97.3	88.1	78.1	67.4	56.1	44.1	31.8	20.5	11.9	4.05	0.00	0.00	0.00	0.00	0.00	0.00
-60	157	150	140	129	117	103	88.4	72.2	55.1	37.5	20.5	5.25	0.00	0.00	0.00	0.00	0.00	0.00
-55	193	185	174	163	150	138	124	108	89.5	69.0	47.3	25.8	9.08	0.00	0.00	0.00	0.00	0.00
-50	227	216	204	191	179	167	154	137	116	91.9	65.4	38.1	13.6	0.00	0.00	0.00	0.00	0.00
-45	422	348	295	257	228	203	181	161	139	116	89.3	60.4	31.5	6.97	0.00	0.00	0.00	0.00
-40	586	455	369	311	266	229	201	177	153	129	102	71.0	38.2	8.60	0.00	0.00	0.00	0.00
-35	1191	766	541	423	345	287	242	207	177	150	121	90.1	56.4	22.9	0.79	0.00	0.00	0.00
-30	1598	959	655	501	399	324	268	226	191	159	128	95.9	60.8	24.8	0.00	0.00	0.00	0.00
-25	2504	1419	893	645	493	389	316	261	218	181	145	111	75.4	38.0	4.61	0.00	0.00	0.00
-20	2884	1590	1005	718	538	419	339	278	229	188	149	112	75.1	36.5	2.23	0.00	0.00	0.00
-15	3863	2203	1352	906	644	483	382	310	253	206	165	126	88.0	48.7	10.7	0.00	0.00	0.00
-10	4052	2369	1478	968	672	500	394	316	256	208	166	125	85.3	45.2	6.86	0.00	0.00	0.00
-5	4974	2947	1811	1141	760	548	425	341	276	223	178	136	94.9	54.4	14.5	0.00	0.00	0.00
0	4927	2961	1820	1123	741	537	418	337	272	219	174	130	88.3	47.3	8.05	0.00	0.00	0.00
5	5144	3068	1886	1181	782	562	435	349	280	226	181	137	96.0	55.1	14.9	0.00	0.00	0.00
10	4373	2592	1610	1039	712	526	412	330	266	214	170	128	87.2	46.4	7.46	0.00	0.00	0.00
15	4221	2429	1489	987	695	518	407	328	265	215	172	131	90.9	50.7	11.6	0.00	0.00	0.00
20	3224	1788	1119	793	591	458	367	298	243	198	156	117	78.6	38.8	2.80	0.00	0.00	0.00
25	2872	1612	1004	720	547	430	346	283	234	192	154	117	79.8	41.0	5.56	0.00	0.00	0.00
30	1916	1114	745	566	449	364	297	247	206	171	137	102	65.6	27.8	0.00	0.00	0.00	0.00
35	1449	901	619	480	389	322	269	228	194	162	130	97.2	61.9	26.3	1.17	0.00	0.00	0.00
40	729	538	424	353	299	257	223	195	168	140	111	78.4	43.7	11.7	0.00	0.00	0.00	0.00
45	511	402	331	286	251	223	198	176	153	127	98.3	67.8	36.8	9.32	0.00	0.00	0.00	0.00
50	247	232	217	203	190	178	165	148	128	102	73.8	44.8	17.9	0.00	0.00	0.00	0.00	0.00
55	206	195	184	172	160	147	133	117	98.3	77.1	54.3	31.4	11.5	0.57	0.00	0.00	0.00	0.00
60	161	154	146	136	124	110	94.6	78.2	60.9	43.3	25.7	9.08	0.00	0.00	0.00	0.00	0.00	0.00
65	117	112	104	95.7	85.7	74.6	62.6	50.0	37.1	24.2	14.6	6.10	0.00	0.00	0.00	0.00	0.00	0.00
70	71.3	66.1	59.5	51.9	43.5	34.7	25.7	16.8	8.14	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	39.5	35.7	30.8	26.8	22.6	18.3	13.7	9.27	4.91	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	6.38	3.39	0.16	0.00	0.00	0.00	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:2024-11-06

V(β) Range:-80 - 80DEG
V(β) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:83%
Test Distance:8.300m [K=1.0000]
Remarks: