

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

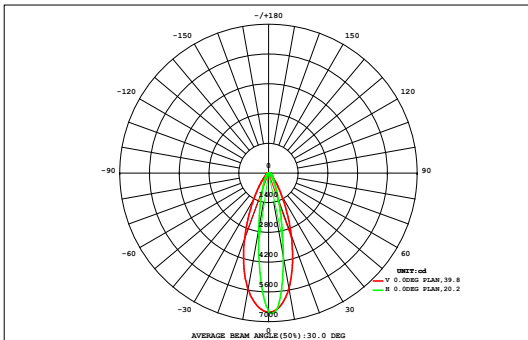
Maximum Intensity (Luminaire orientation as tested.)		2596.0 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	51.3V x 73.9H 20.2V x 39.7H 7.3V x 16.0H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	1000.6 lumens per klm. 757.3 lumens per klm. 359.2 lumens per klm. 73.6 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: SENPU
Test Date: 2022-08-30

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:1.0200A P:24.480W PF:1.0000 Freq:0Hz Lamp Flux:2547.27x1 lm		
NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra80	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083001
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:104.06lm/W	
MODEL		Imax (cd)	6613
NOMINAL POWER (W)	24	AVAILABILITY (%)	75.6
RATED VOLTAGE (V)	24	Avai. FLUX (lm)	1927
NOMINAL FLUX (lm)	2547.27	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	2547
TEST VOLTAGE (V)	24	θ @50% (H,V)	40,20DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.13	0.15	0.19	0.22	0.28	0.33	0.37	0.39	0.41	0.41	0.40	0.39	0.36	0.32	0.26	0.22	0.18	0.16	5.17	0.00
72	0.23	0.31	0.39	0.50	0.65	0.82	0.93	0.99	1.04	1.06	1.04	0.99	0.89	0.71	0.56	0.43	0.34	0.26	12.1	0.00
64	0.33	0.45	0.60	0.82	1.09	1.39	1.61	1.73	1.82	1.85	1.80	1.70	1.49	1.18	0.88	0.65	0.49	0.36	20.3	0.00
56	0.41	0.57	0.81	1.16	1.61	2.06	2.44	2.70	2.89	2.94	2.83	2.60	2.22	1.74	1.24	0.86	0.60	0.44	30.1	0.00
48	0.46	0.68	1.00	1.55	2.25	2.98	3.72	4.32	4.71	4.81	4.57	4.03	3.26	2.45	1.66	1.06	0.71	0.48	44.7	0.00
40	0.48	0.76	1.19	2.01	3.16	4.57	6.13	7.53	8.42	8.66	8.14	6.84	5.15	3.53	2.19	1.26	0.79	0.50	71.3	0.00
32	0.50	0.81	1.39	2.63	4.68	7.69	11.4	15.0	17.3	18.0	16.7	13.2	8.97	5.32	2.90	1.47	0.84	0.51	129	73.4
24	0.51	0.85	1.60	3.41	7.06	13.9	24.1	34.7	41.8	44.0	39.8	28.5	16.4	8.08	3.76	1.70	0.88	0.51	272	241
	0.51	0.87	1.76	4.20	10.0	23.0	46.9	76.2	95.4	99.7	82.8	52.5	25.8	11.0	4.56	1.87	0.91	0.51	539	514
	0.51	0.88	1.81	4.39	10.7	25.5	53.2	87.7	113	115	91.1	56.8	27.6	11.6	4.73	1.93	0.92	0.51	608	585
	0.51	0.88	1.72	3.90	8.63	17.7	32.1	49.4	62.7	64.4	53.1	35.3	19.5	9.38	4.19	1.84	0.91	0.52	367	340
-24	0.51	0.85	1.55	3.10	5.83	10.2	16.3	22.7	27.6	28.4	24.5	18.2	11.4	6.46	3.36	1.65	0.88	0.51	184	146
-32	0.50	0.80	1.31	2.33	3.93	6.14	8.79	11.3	13.2	13.5	12.2	9.74	6.88	4.39	2.57	1.41	0.83	0.50	100	28.0
-40	0.48	0.72	1.09	1.77	2.76	3.92	5.13	6.26	7.00	7.16	6.67	5.61	4.33	3.06	1.95	1.17	0.74	0.49	60.3	0.00
-48	0.44	0.61	0.89	1.34	1.98	2.63	3.24	3.78	4.10	4.17	3.98	3.49	2.87	2.17	1.46	0.95	0.63	0.45	39.2	0.00
-56	0.38	0.50	0.68	0.97	1.36	1.76	2.11	2.38	2.53	2.57	2.50	2.26	1.91	1.48	1.05	0.72	0.52	0.38	26.0	0.00
-64	0.28	0.36	0.47	0.63	0.84	1.08	1.29	1.44	1.51	1.54	1.51	1.39	1.18	0.92	0.68	0.49	0.38	0.28	16.3	0.00
-72	0.18	0.20	0.25	0.31	0.39	0.46	0.54	0.58	0.60	0.61	0.61	0.58	0.50	0.43	0.34	0.27	0.21	0.18	7.23	0.00
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)	16	24	32	40	48	56	64	72			
Φ t	7.35	11.2	18.7	35.2	67.2	126	220	329	407	419	354	244	141	74.3	38.4	19.9	11.7	7.54	2532	---
Φ a	0.00	0.00	0.00	0.00	13.6	80.8	177	286	364	376	312	201	95.7	20.1	0.00	0.00	0.00	0.00	---	1927

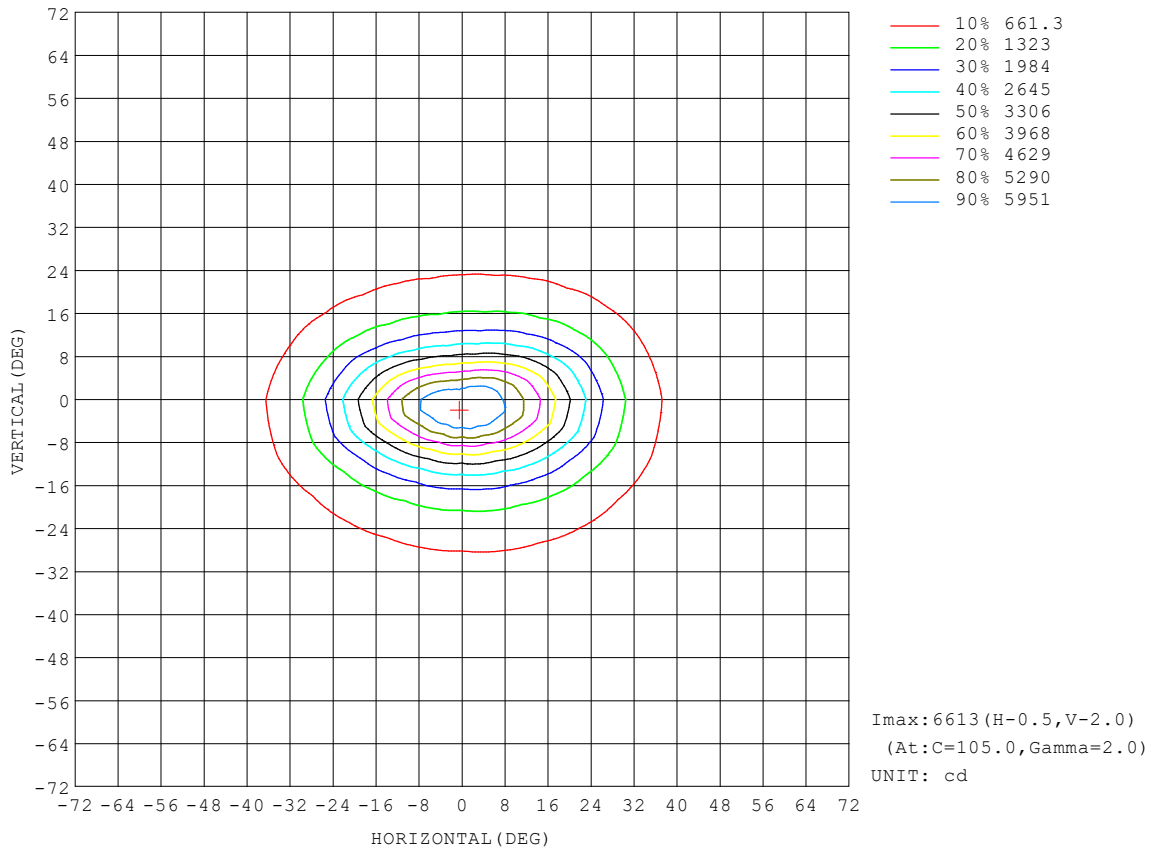
one-half-peak spread: U:10.0,D:10.4 , L:19.6,R:20.0 NEMA Beam Type: Type 5 x 4 (H x V)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:SENPU
 Test Date:2022-08-30

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:1.0200A P:24.480W PF:1.0000 Freq:0Hz Lamp Flux:2547.27x1 lm		
NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra80	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083001
MFR.:	SUR.:	Shielding Angle:

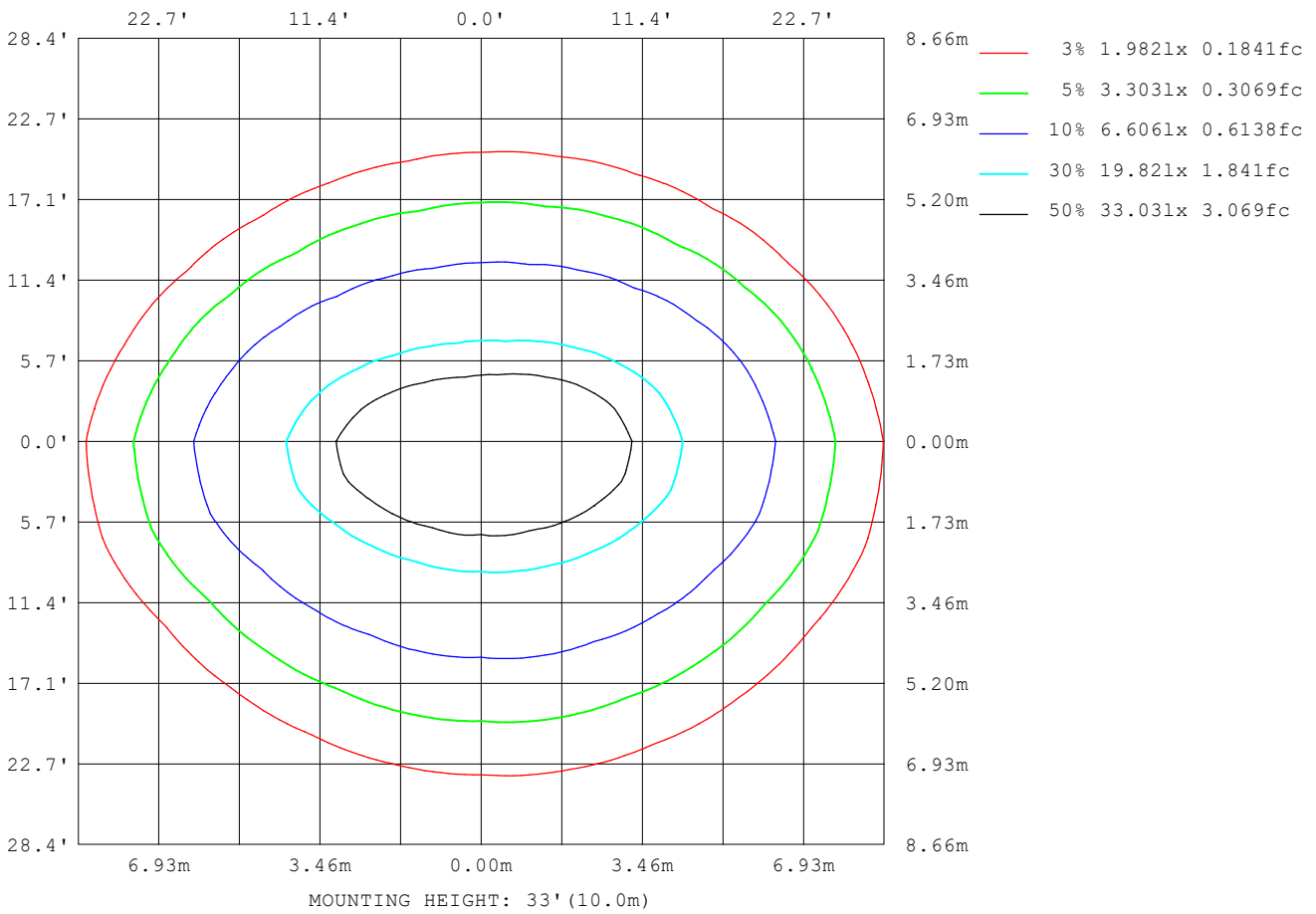


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ISOLUX DIAGRAM

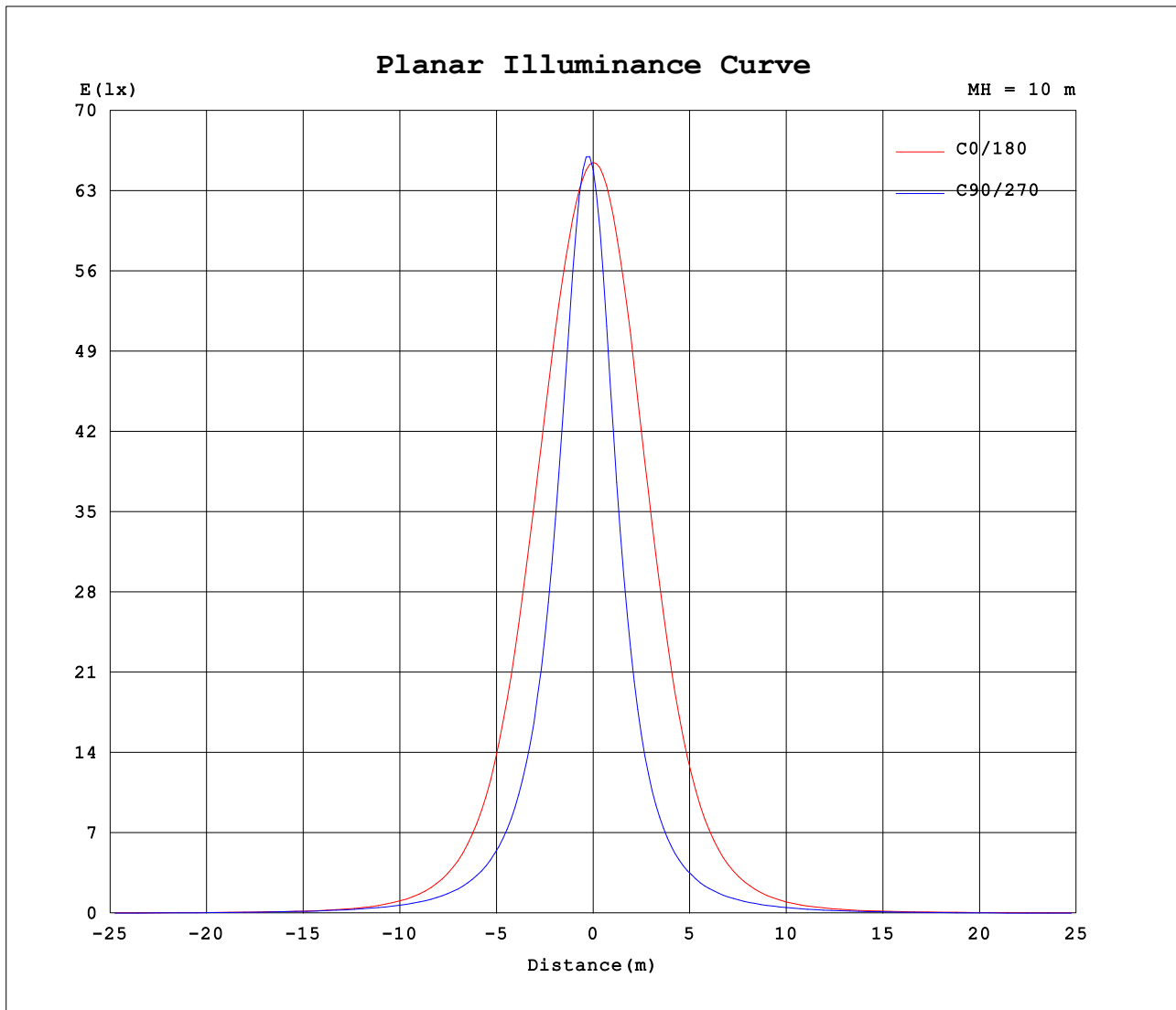
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 Remarks:

Planar Illuminance Curve

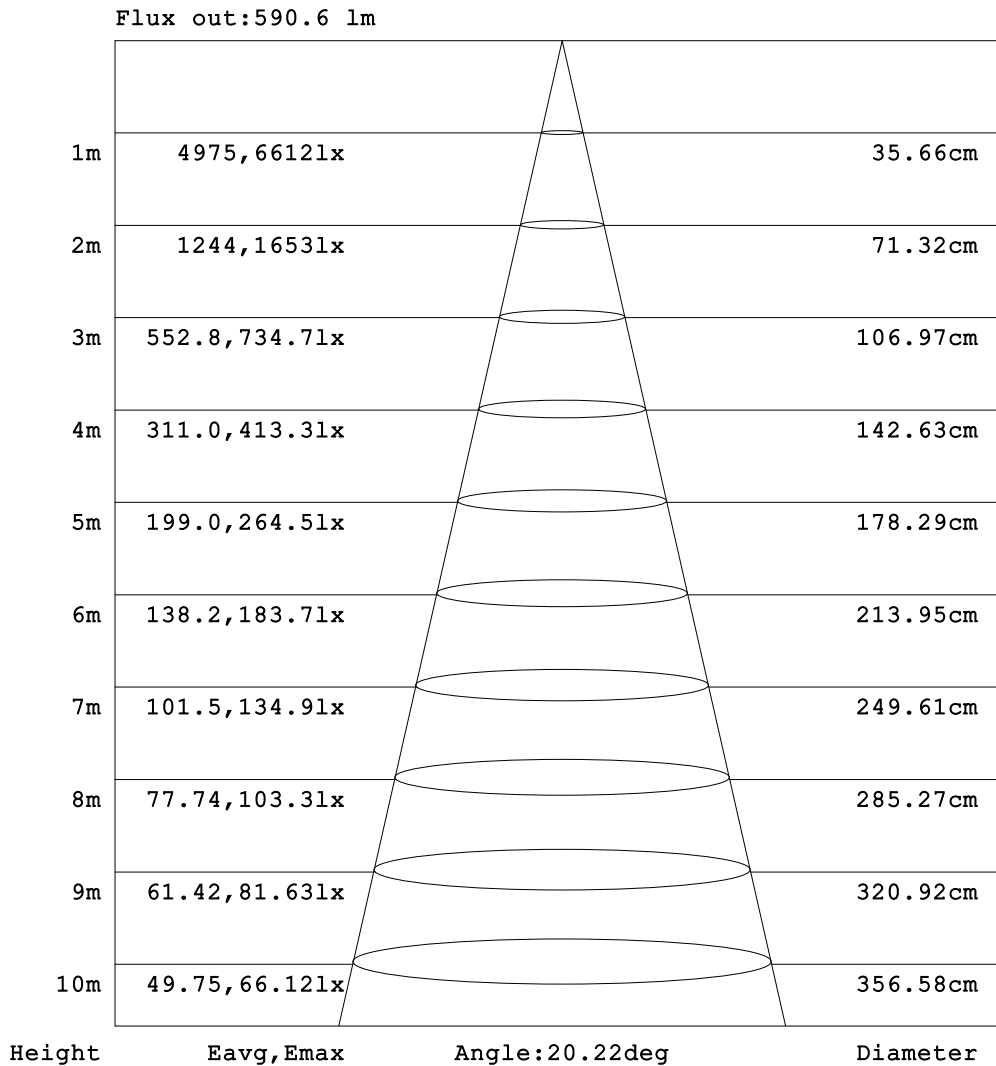


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Test Speed: HIGH
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Remarks:

AAI Figure

Test:U:24.000V I:1.0200A P:24.480W PF:1.0000 Freq:0Hz Lamp Flux:2547.27x1 lm		
NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra80	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083001
MFR.:	SUR.:	Shielding Angle:



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

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPEC.:20x40deg	DIM.:	SERIAL No.:2022083001
MFR.:	SUR.:	Shielding 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
-180	0.16	0.16	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-170	0.16	0.18	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-160	0.16	0.19	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-150	0.16	0.21	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-140	0.16	0.22	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-130	0.16	0.23	0.33	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-120	0.16	0.24	0.33	0.46	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-110	0.16	0.24	0.33	0.44	0.48	0.49	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-100	0.16	0.24	0.34	0.43	0.42	0.43	0.45	0.43	0.42	0.42	0.39	0.36	0.33	0.33	0.33	0.32	0.32	0.32	0.32
-90	0.16	0.24	0.33	0.42	0.41	0.41	0.40	0.39	0.37	0.35	0.35	0.36	0.36	0.39	0.42	0.44	0.46	0.48	0.50
-80	0.16	2.22	5.17	3.04	3.95	4.41	2.80	2.86	3.19	3.11	3.52	3.85	3.82	4.04	4.39	4.61	4.73	4.79	4.82
-70	0.16	8.35	12.7	16.4	22.0	20.0	15.6	16.1	17.2	16.5	17.8	18.7	18.5	19.7	20.9	21.4	21.9	21.9	21.3
-60	0.16	14.3	23.1	33.8	38.7	39.1	37.2	36.7	40.1	43.9	48.3	54.1	60.8	66.7	71.1	74.8	77.3	78.6	78.4
-50	0.16	19.4	33.1	44.0	54.8	54.4	54.0	56.8	63.7	72.6	84.3	97.5	109	119	128	136	142	145	146
-40	0.16	23.7	39.5	51.8	62.2	64.8	67.8	75.4	86.9	104	128	152	175	198	217	240	256	269	272
-30	0.16	27.7	43.7	57.0	64.9	70.9	79.7	91.7	113	146	186	236	290	348	410	465	522	559	569
-20	0.16	31.0	46.6	59.7	66.5	73.5	85.9	106	144	203	282	387	511	685	871	1066	1224	1370	1407
-10	0.16	33.5	48.4	60.9	67.2	74.7	88.8	114	167	259	401	634	980	1452	2028	2694	3336	3805	4023
0	0.16	35.1	49.4	61.2	67.3	74.0	88.3	114	174	281	464	768	1273	2064	3147	4371	5530	6293	6546
10	0.16	33.0	47.6	59.9	66.7	73.5	86.7	109	155	233	348	521	777	1133	1564	1989	2330	2609	2733
20	0.16	30.1	44.8	57.5	65.4	71.5	82.4	98.3	127	174	234	308	393	505	602	714	800	848	894
30	0.16	26.7	41.0	53.2	62.9	68.6	75.6	85.4	102	127	157	188	220	254	289	318	343	361	369
40	0.16	22.8	35.4	46.6	57.8	62.3	63.7	69.7	79.3	92.3	108	123	138	151	162	172	178	186	189
50	0.16	18.8	27.3	38.1	47.3	49.8	49.9	51.4	56.3	62.8	70.0	78.3	86.5	92.9	97.2	99.7	102	104	105
60	0.16	13.9	18.0	25.1	31.7	32.3	31.9	31.2	33.4	35.5	37.9	41.7	45.9	49.7	51.2	51.4	52.6	53.6	53.4
70	0.16	8.04	11.0	7.81	13.4	14.9	11.5	11.4	12.6	12.2	12.2	13.4	13.8	14.2	14.9	15.1	15.5	15.8	15.7
80	0.16	1.87	4.54	1.71	1.92	2.29	1.86	2.18	2.41	2.39	2.75	2.94	3.11	3.38	3.62	3.79	3.96	4.11	4.24
90	0.16	0.16	0.17	0.17	0.17	0.16	0.16	0.16	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.14
100	0.16	0.16	0.16	0.17	0.17	0.16	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.15	0.16	0.17	0.17
110	0.16	0.16	0.16	0.16	0.17	0.18	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.16	0.16	0.16	0.16	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.16	0.16	0.16	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.16	0.16	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	0.00
150	0.16	0.16	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.16	0.16	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.16	0.16	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.16	0.16	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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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	
-180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.35	0.43	
-170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.35	0.43	
-160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.35	0.43	
-150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.35	0.43	
-140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.35	0.43	
-130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.36	0.35	0.43	
-120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.38	0.35	0.34	0.43	
-110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.35	0.35	0.35	0.34	0.33	0.43	
-100	0.31	0.31	0.30	0.30	0.29	0.29	0.30	0.32	0.32	0.32	0.31	0.31	0.32	0.33	0.33	0.33	0.35	0.43	
-90	0.52	0.55	0.58	0.57	0.56	0.56	0.55	0.55	0.54	0.51	0.49	0.46	0.46	0.46	0.46	0.45	0.44	0.43	
-80	4.86	4.87	4.78	4.62	4.33	4.12	4.12	3.85	3.39	3.55	3.18	2.86	4.38	3.85	3.05	6.67	5.10	0.43	
-70	22.2	22.6	22.4	22.3	21.4	20.3	20.4	19.5	18.1	18.6	17.6	16.7	20.4	21.5	15.9	13.8	11.3	0.43	
-60	80.2	80.5	79.2	76.3	72.6	66.8	59.4	52.9	47.5	42.7	38.8	38.8	39.2	38.1	33.5	23.9	16.9	0.43	
-50	148	147	143	137	128	119	107	92.3	78.7	67.9	59.5	55.8	55.6	53.7	43.7	33.8	21.7	0.43	
-40	275	269	257	237	216	193	168	141	115	93.6	79.4	70.1	66.3	62.6	51.2	40.3	26.2	0.43	
-30	578	555	506	454	388	323	262	207	160	122	96.9	82.4	72.4	65.6	56.7	44.5	30.2	0.43	
-20	1419	1310	1169	972	770	576	429	309	220	154	112	89.0	74.8	66.9	59.6	47.5	33.5	0.43	
-10	3939	3547	2933	2234	1592	1069	687	436	278	179	120	92.2	75.7	67.2	60.8	49.5	36.1	0.43	
0	6267	5562	4533	3343	2241	1380	830	497	304	186	121	91.7	74.8	66.7	60.9	50.6	37.9	0.43	
10	2795	2641	2332	1853	1346	915	598	388	256	166	114	89.9	74.8	67.0	60.6	49.2	35.8	0.43	
20	890	876	810	699	589	462	351	261	190	135	103	85.1	73.2	66.5	59.2	46.9	33.0	0.43	
30	373	365	345	320	283	246	209	172	137	108	89.6	78.4	70.8	65.1	55.8	43.6	29.6	0.43	
40	190	186	182	174	163	149	134	116	98.5	84.4	73.6	66.7	65.0	61.6	49.8	38.7	25.6	0.43	
50	106	106	105	103	99.3	93.0	84.4	75.1	67.5	60.6	54.8	53.0	53.8	51.8	41.8	31.1	21.4	0.43	
60	54.7	54.7	54.4	54.6	53.7	50.0	45.6	42.1	39.3	36.9	34.7	35.7	36.3	35.7	30.1	20.7	16.6	0.43	
70	16.0	15.9	15.8	15.8	15.2	15.0	15.1	13.9	13.9	15.0	13.8	13.7	17.7	17.5	10.6	12.7	11.1	0.43	
80	4.22	4.16	4.03	3.84	3.68	3.42	3.13	2.94	2.68	2.65	2.35	2.24	2.87	2.49	2.22	6.22	4.79	0.43	
90	0.15	0.15	0.15	0.15	0.15	0.14	0.16	0.17	0.18	0.18	0.17	0.17	0.17	0.18	0.19	0.27	0.35	0.43	
100	0.16	0.15	0.14	0.14	0.14	0.14	0.15	0.15	0.16	0.17	0.18	0.18	0.18	0.17	0.17	0.23	0.30	0.43	
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.20	0.19	0.18	0.24	0.28	0.43
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.21	0.24	0.29	0.43	
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.26	0.31	0.43	
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.31	0.43	
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.32	0.43	
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.33	0.43	
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.34	0.43	
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.35	0.43	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:SENPU
 Test Date:2022-08-30

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: