

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

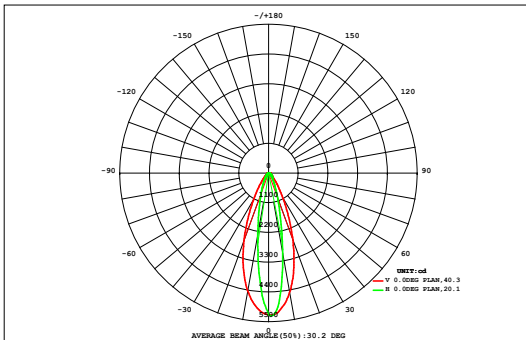
Maximum Intensity		2583.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	51.8V x 74.1H
	At 50% of Imax	20.1V x 40.3H
	At 90% of Imax	7.0V x 16.0H
Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	754.9 lumens per klm.
	To 50% of Imax	357.3 lumens per klm.
	To 90% of Imax	62.6 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	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:0.9700A P:23.280W PF:1.0000 Freq:0Hz Lamp Flux:2046.63x1 lm		
NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra90	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083002
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:87.87lm/W	
MODEL		Imax (cd)	5288
NOMINAL POWER (W)	24	AVAILABILITY (%)	75.5
RATED VOLTAGE (V)	24	Avai. FLUX (lm)	1546
NOMINAL FLUX (lm)	2046.63	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	2046
TEST VOLTAGE (V)	24	θ @50% (H,V)	40,20DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a												
	0.11	0.13	0.16	0.19	0.23	0.27	0.31	0.32	0.34	0.34	0.32	0.31	0.28	0.25	0.20	0.18	0.15	0.13	4.24	0.00												
72	0.20	0.26	0.33	0.43	0.57	0.73	0.84	0.91	0.95	0.95	0.91	0.85	0.74	0.59	0.46	0.36	0.29	0.22	10.6	0.00												
64	0.28	0.38	0.51	0.71	0.98	1.27	1.49	1.62	1.71	1.71	1.63	1.49	1.28	0.99	0.74	0.54	0.41	0.31	18.0	0.00												
56	0.34	0.48	0.69	1.02	1.46	1.92	2.31	2.57	2.73	2.73	2.57	2.31	1.93	1.48	1.04	0.72	0.50	0.37	27.1	0.00												
48	0.38	0.56	0.86	1.38	2.08	2.83	3.58	4.16	4.50	4.51	4.17	3.60	2.85	2.10	1.39	0.88	0.59	0.40	40.8	0.00												
40	0.39	0.63	1.03	1.81	2.95	4.37	5.96	7.36	8.13	8.15	7.41	6.06	4.48	3.01	1.83	1.04	0.65	0.41	65.7	2.82												
32	0.40	0.67	1.21	2.37	4.32	7.24	10.9	14.4	16.4	16.4	14.6	11.3	7.63	4.49	2.40	1.21	0.69	0.42	117	81.0												
24	0.41	0.71	1.38	3.02	6.34	12.6	21.9	31.5	37.2	37.1	32.8	23.9	13.8	6.74	3.07	1.37	0.72	0.43	235	212												
	0.41	0.72	1.51	3.61	8.61	19.8	40.3	64.8	79.8	80.4	67.9	43.4	21.1	8.86	3.62	1.49	0.73	0.43	448	428												
	0.41	0.73	1.53	3.67	8.81	20.5	41.8	68.3	89.2	88.9	70.3	44.0	21.3	8.93	3.64	1.50	0.74	0.43	475	456												
	0.41	0.72	1.43	3.17	6.76	13.6	24.4	38.2	48.0	47.2	38.4	25.6	14.3	6.89	3.13	1.41	0.73	0.43	275	252												
-24	0.41	0.69	1.27	2.50	4.58	7.85	12.5	17.2	20.2	19.9	16.9	12.6	7.97	4.59	2.46	1.25	0.70	0.43	134	102												
-32	0.40	0.65	1.08	1.89	3.10	4.77	6.68	8.39	9.41	9.36	8.28	6.60	4.72	3.08	1.87	1.07	0.66	0.42	72.4	12.0												
-40	0.39	0.58	0.89	1.44	2.20	3.06	3.89	4.62	5.00	4.98	4.57	3.83	3.00	2.17	1.43	0.90	0.60	0.40	44.0	0.00												
-48	0.35	0.50	0.72	1.08	1.58	2.06	2.48	2.81	2.97	2.96	2.78	2.44	2.03	1.57	1.09	0.74	0.51	0.37	29.1	0.00												
-56	0.30	0.40	0.55	0.78	1.09	1.39	1.63	1.79	1.86	1.85	1.78	1.61	1.38	1.09	0.80	0.56	0.42	0.31	19.6	0.00												
-64	0.22	0.29	0.38	0.51	0.68	0.87	1.01	1.10	1.13	1.13	1.10	1.01	0.87	0.69	0.52	0.39	0.31	0.23	12.4	0.00												
-72	0.14	0.16	0.21	0.26	0.32	0.38	0.44	0.48	0.48	0.48	0.47	0.45	0.39	0.33	0.27	0.22	0.17	0.15	5.81	0.00												
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)																16	24	32	40	48	56	64	72
Φ t	5.97	9.26	15.7	29.9	56.7	105	183	271	330	329	277	191	110	57.8	30.0	15.8	9.58	6.31	2033	---												
Φ a	0.00	0.00	0.00	0.00	12.9	68.6	148	236	296	295	243	157	74.3	14.7	0.00	0.00	0.00	0.00	---	1546												

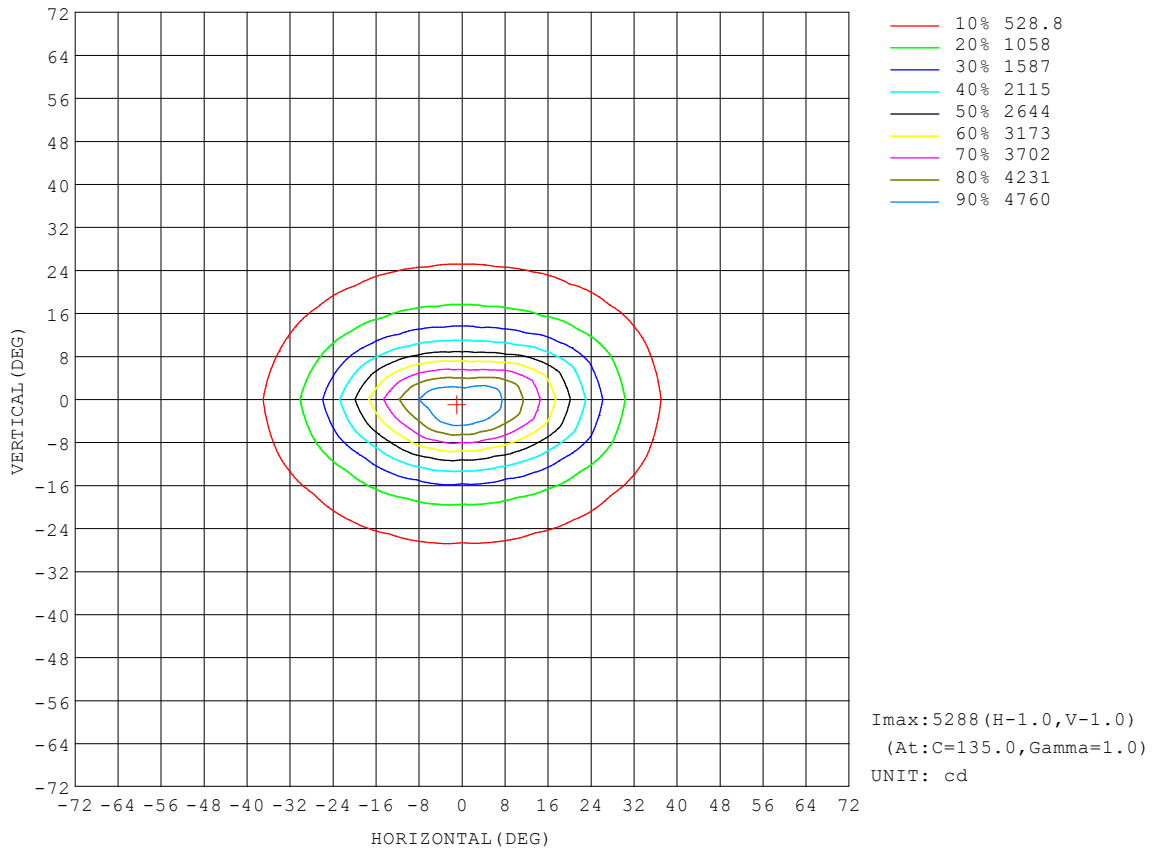
one-half-peak spread: U:10.4,D:9.9 , L:19.2,R:21 NEMA Beam Type: Type 5 x 4 (H x V)

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:0.9700A P:23.280W PF:1.0000 Freq:0Hz Lamp Flux:2046.63x1 lm		
NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra90	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083002
MFR.:	SUR.:	Shielding Angle:

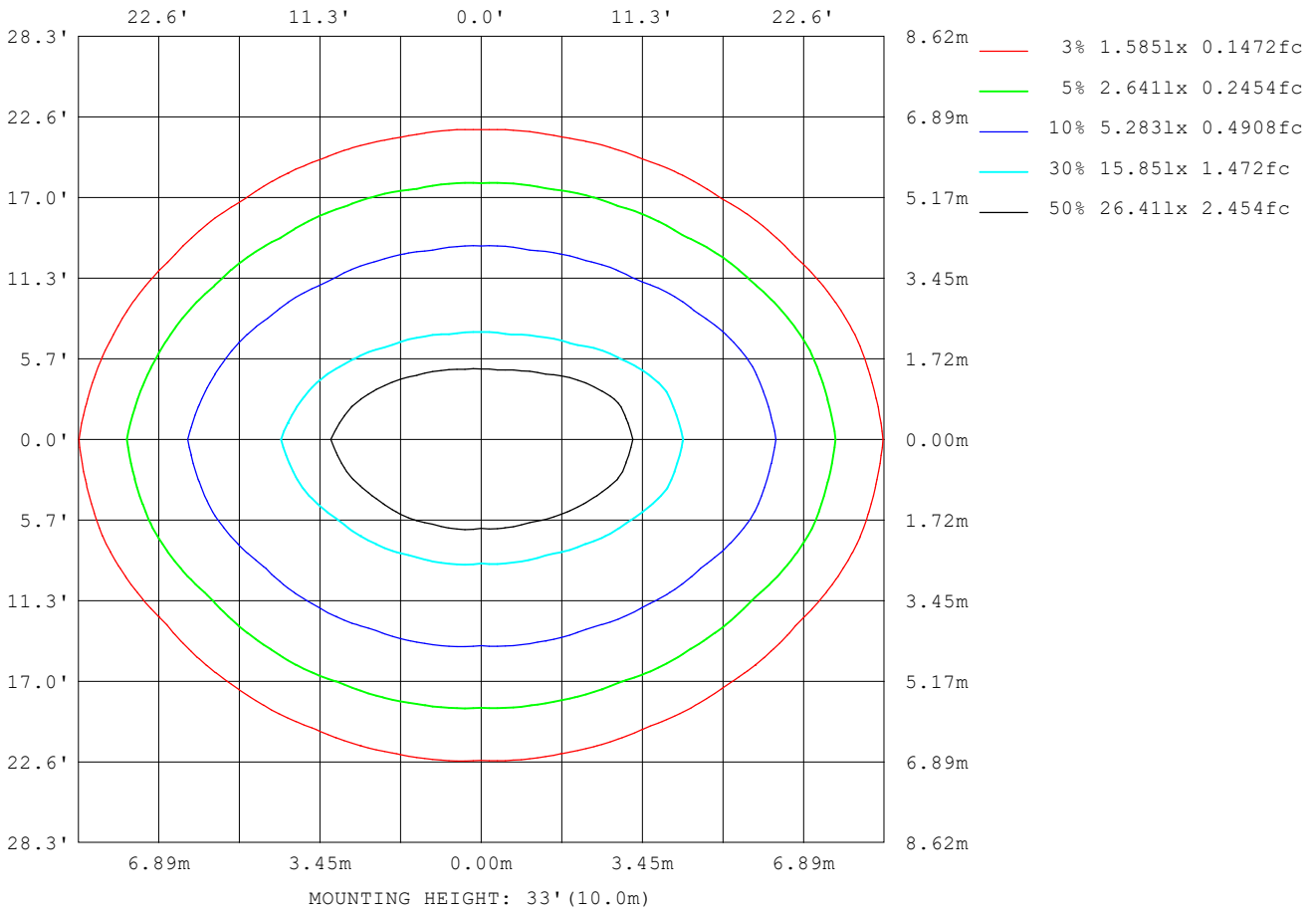


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ISOLUX DIAGRAM

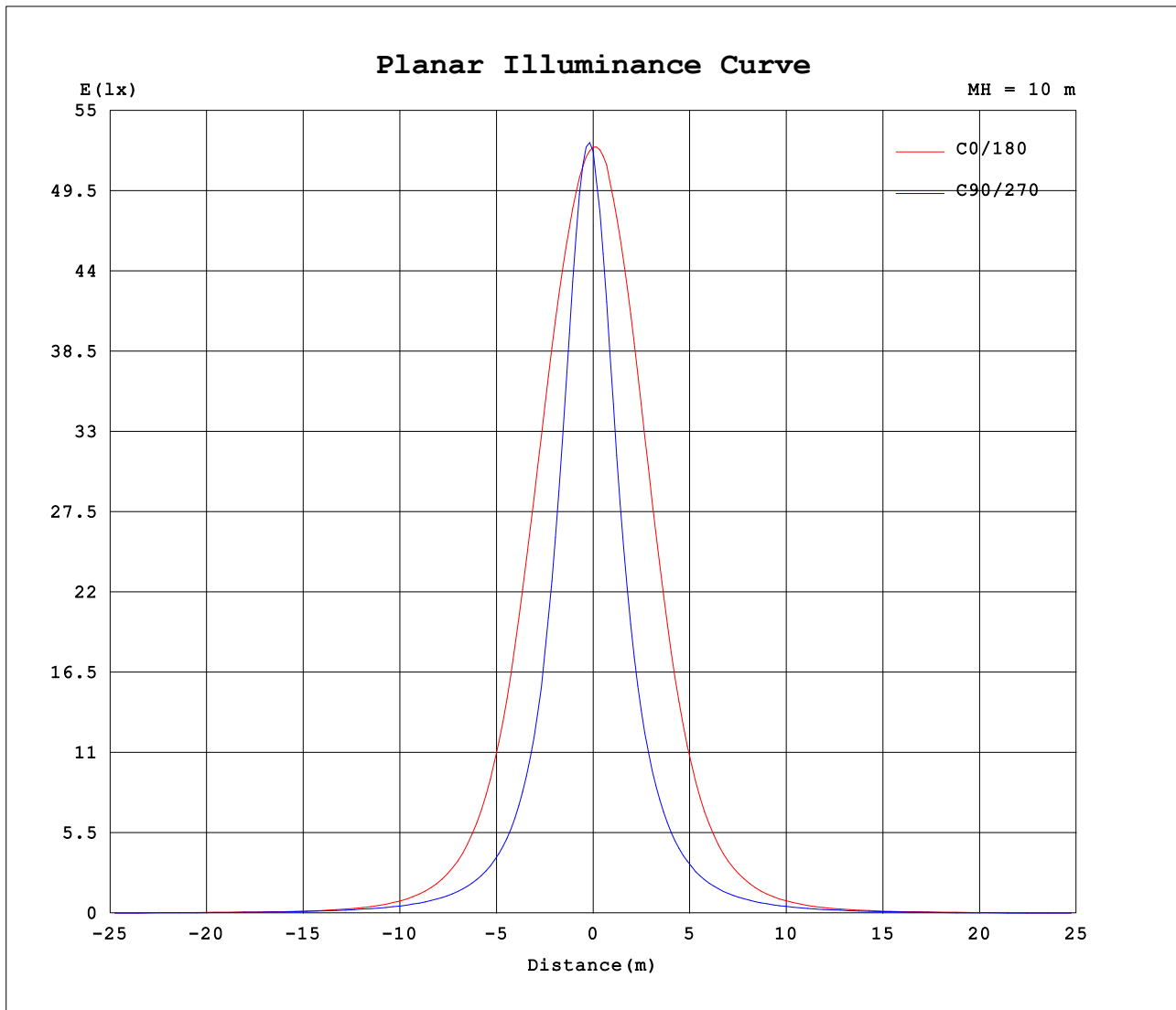
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 Remarks:

Planar Illuminance Curve

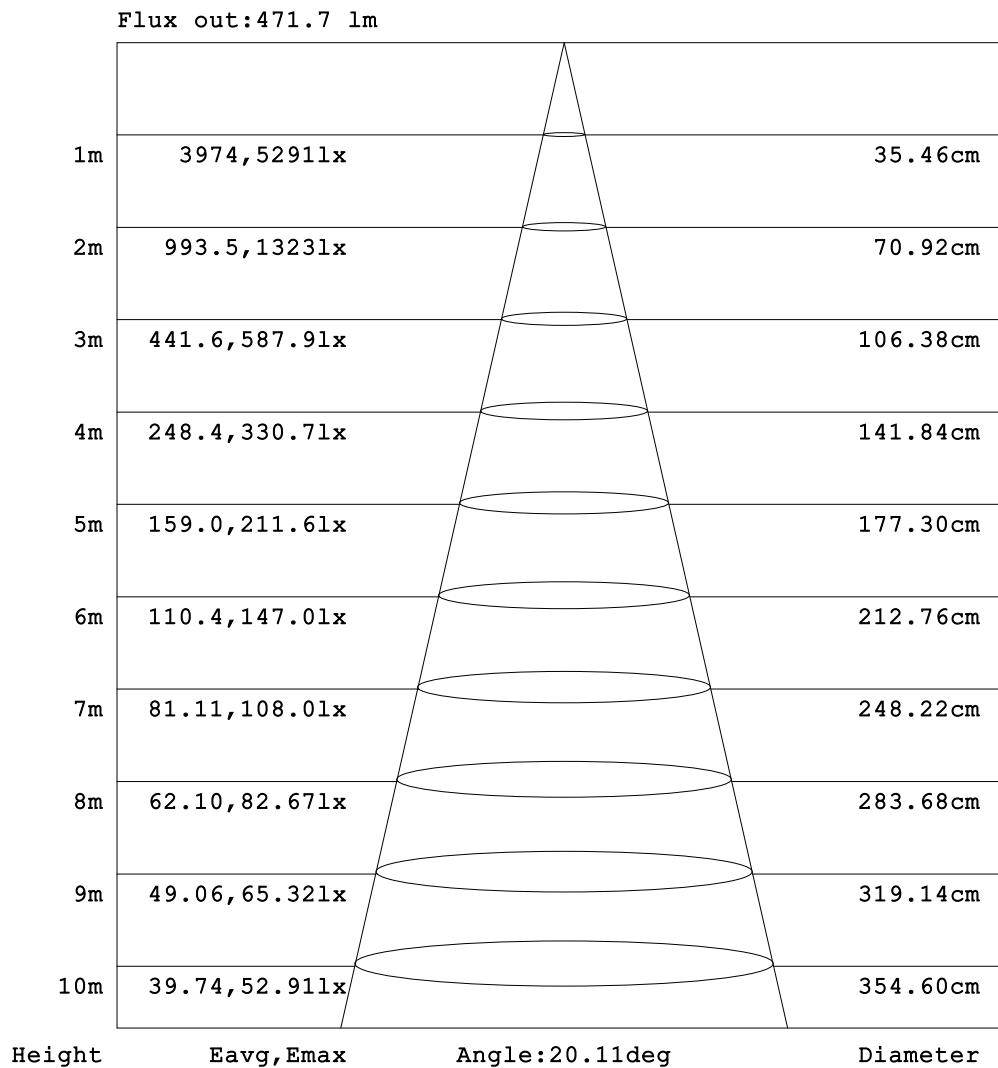


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: SENPU
Test Date: 2022-08-30

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:

AAI Figure

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NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra90	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083002
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
 Temperature:28DEG
 Operators:SENPU
 Test Date:2022-08-30

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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.9700A P:23.280W PF:1.0000 Freq:0Hz Lamp Flux:2046.63x1 lm		
NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra90	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083002
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	0.14	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	0.14	0.17	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	0.14	0.18	0.22	0.00	0.00	0.00	0.00	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	0.14	0.19	0.25	0.00	0.00	0.00	0.00	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	0.14	0.19	0.27	0.00	0.00	0.00	0.00	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	0.14	0.20	0.28	0.38	0.00	0.00	0.00	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	0.14	0.20	0.29	0.40	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
-110	0.14	0.21	0.28	0.38	0.40	0.43	0.46	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	0.14	0.21	0.28	0.35	0.36	0.35	0.34	0.35	0.35	0.35	0.32	0.30	0.27	0.27	0.26	0.25	0.25	0.25	0.25
-90	0.14	0.21	0.27	0.34	0.34	0.35	0.35	0.36	0.38	0.39	0.41	0.43	0.45	0.48	0.51	0.54	0.55	0.55	0.56
-80	0.14	1.51	3.71	1.96	2.55	2.98	2.04	2.15	2.46	2.44	2.84	3.06	3.11	3.33	3.61	3.81	3.94	4.00	4.01
-70	0.14	6.18	9.69	11.7	16.7	15.7	12.3	13.0	14.0	13.8	14.9	15.7	15.8	16.8	17.6	17.9	18.2	18.2	17.7
-60	0.14	11.0	17.9	26.6	30.5	31.0	30.0	29.8	32.6	35.8	39.5	44.0	49.0	53.0	55.5	57.5	58.6	58.7	57.8
-50	0.14	15.3	26.3	35.1	43.2	43.7	43.6	45.8	51.3	58.9	68.2	78.2	86.4	92.9	98.4	103	106	107	106
-40	0.14	19.1	32.0	41.4	49.8	52.4	54.8	61.1	70.7	84.9	103	122	138	153	166	179	188	194	192
-30	0.14	22.5	35.6	45.8	52.3	57.4	64.7	75.0	92.2	119	149	186	227	269	312	347	381	399	399
-20	0.14	25.3	38.2	48.1	53.6	59.6	70.1	87.1	118	165	225	303	397	528	669	812	918	1005	1003
-10	0.14	27.5	39.8	49.3	54.1	60.6	73.0	94.9	140	213	323	497	753	1107	1543	2060	2601	2959	3029
0	0.14	29.0	40.8	49.6	54.0	60.1	73.0	96.3	149	240	389	648	1071	1733	2632	3624	4494	5068	5249
10	0.14	27.2	39.4	48.8	53.8	60.0	71.9	92.4	135	204	308	465	698	1021	1403	1791	2088	2310	2333
20	0.14	24.8	37.3	47.2	53.0	58.5	68.3	83.3	111	156	214	285	371	479	579	689	772	811	839
30	0.14	21.9	34.3	44.1	51.2	56.1	62.7	72.1	88.4	114	144	176	209	245	281	310	335	349	353
40	0.14	18.6	29.9	39.0	47.7	51.1	52.9	58.7	68.1	81.3	97.2	114	129	143	155	165	170	176	178
50	0.14	15.0	23.1	32.2	39.8	41.4	41.6	43.3	48.1	54.4	61.8	70.5	79.0	86.0	90.8	93.7	95.8	98.0	98.1
60	0.14	10.8	14.9	22.0	27.0	27.5	27.2	26.7	28.5	30.4	32.9	36.5	40.9	44.8	46.4	47.1	48.2	49.0	48.6
70	0.14	6.02	8.75	6.53	11.9	12.7	9.63	9.67	10.6	9.97	9.88	10.9	11.2	11.4	12.0	12.0	12.3	12.5	12.4
80	0.14	1.32	3.39	1.23	1.38	1.71	1.33	1.59	1.77	1.74	1.97	2.09	2.17	2.37	2.55	2.64	2.70	2.74	2.77
90	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.14	0.13	0.11	0.12	0.13	0.14	0.14	0.14	0.14
100	0.14	0.15	0.15	0.16	0.16	0.16	0.17	0.16	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14
110	0.14	0.15	0.15	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
120	0.14	0.15	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
130	0.14	0.15	0.15	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
140	0.14	0.15	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
150	0.14	0.15	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	0.14	0.15	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	0.14	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	0.14	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

C Range: 0 - 360DEG
 C Interval: 15.0DEG
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γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:61%
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NAME: 1000mm Linear Wall Washer	TYPE:3000K Ra90	WEIGHT:
SPEC.:20x40deg	DIM.:	SERIAL No.:2022083002
MFR.:	SUR.:	Shielding 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
-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	0.34	0.31	0.36
-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	0.34	0.31	0.36
-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	0.31	0.36
-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	0.35	0.30	0.36
-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	0.34	0.30	0.36
-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	0.35	0.33	0.30	0.36
-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	0.35	0.35	0.31	0.29	0.36
-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	0.34	0.33	0.32	0.30	0.28	0.36
-100	0.26	0.27	0.28	0.27	0.26	0.26	0.28	0.29	0.30	0.29	0.28	0.28	0.29	0.29	0.29	0.27	0.29	0.36
-90	0.55	0.55	0.55	0.53	0.52	0.50	0.48	0.45	0.43	0.42	0.41	0.40	0.38	0.36	0.35	0.35	0.35	0.36
-80	4.00	3.93	3.81	3.64	3.39	3.19	3.17	2.95	2.56	2.71	2.44	2.17	3.46	2.99	2.28	5.06	3.63	0.36
-70	18.2	18.3	18.0	17.9	17.1	16.2	16.1	15.5	14.4	14.9	14.3	13.8	16.9	17.7	13.0	10.9	8.68	0.36
-60	58.6	58.3	57.2	55.3	52.9	49.1	44.3	40.0	36.6	33.6	31.1	31.8	32.7	31.8	27.8	19.5	13.3	0.36
-50	106	105	102	97.1	91.6	85.5	77.8	68.5	59.9	52.9	47.3	45.4	46.1	45.1	36.4	27.8	17.3	0.36
-40	193	187	177	163	150	136	120	102	85.3	72.0	62.7	56.7	54.7	52.4	42.8	33.4	20.9	0.36
-30	396	376	342	307	265	224	184	148	118	92.0	75.7	66.3	59.6	54.8	47.5	37.0	24.3	0.36
-20	989	902	802	668	535	402	304	223	162	116	86.8	71.2	61.5	55.9	50.0	39.5	27.2	0.36
-10	2894	2584	2147	1636	1178	792	510	323	210	136	94.0	73.9	62.4	56.4	51.0	41.2	29.5	0.36
0	4999	4439	3624	2674	1765	1094	652	389	238	145	95.5	74.0	61.9	56.2	51.2	42.2	31.0	0.36
10	2297	2141	1933	1553	1138	772	498	318	206	134	92.6	73.4	62.1	56.3	51.0	41.1	29.3	0.36
20	812	776	704	602	503	388	297	219	158	112	84.9	70.4	61.0	55.8	50.0	39.3	26.9	0.36
30	350	336	312	285	249	213	179	146	115	89.5	74.1	65.3	59.1	54.7	47.4	36.6	23.9	0.36
40	177	170	165	155	143	130	115	98.2	82.3	70.0	61.2	55.6	54.2	52.3	42.4	32.6	20.5	0.36
50	98.1	95.9	93.8	90.8	86.1	79.7	71.4	62.9	56.1	50.3	45.5	44.1	45.3	44.7	35.6	26.3	17.0	0.36
60	49.1	48.4	47.4	46.7	45.2	41.7	37.6	34.3	32.1	30.2	28.7	29.9	31.0	30.6	26.0	17.6	13.1	0.36
70	12.5	12.4	12.1	12.1	11.6	11.5	11.6	10.6	10.8	12.0	11.1	11.2	14.9	15.4	9.82	10.1	8.55	0.36
80	2.74	2.69	2.63	2.55	2.39	2.21	2.16	2.07	1.81	1.86	1.66	1.58	2.31	1.92	1.68	4.78	3.44	0.36
90	0.14	0.14	0.14	0.14	0.13	0.12	0.13	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.18	0.24	0.30	0.36
100	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.21	0.26	0.36
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	0.15	0.15	0.16	0.17	0.21	0.36
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	0.17	0.18	0.22	0.26	0.36
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	0.21	0.24	0.27	0.36
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	0.25	0.27	0.36
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	0.28	0.28	0.36
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	0.30	0.29	0.36
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	0.32	0.30	0.36
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	0.34	0.31	0.36

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: