

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

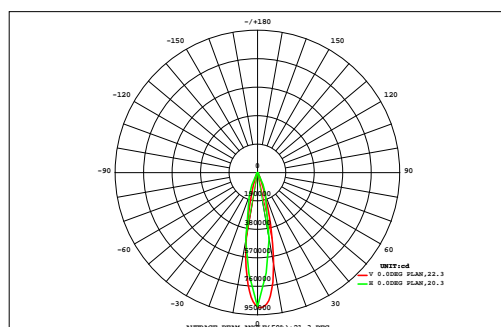
Maximum Intensity		4914.1 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	50.1V x 40.0H
	At 50% of Imax	20.3V x 22.4H
	At 90% of Imax	5.5V x 10.0H
Beam Flux	Total	994.1 lumens per klm.
	To 10% of Imax	727.3 lumens per klm.
	To 50% of Imax	344.2 lumens per klm.
	To 90% of Imax	37.0 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	99.4 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(_b) Range:-90 - 90DEG
H(_b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:DAMIN
Test Date:2020-04-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:8.230m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:10.846V I:0A P:0W PF:0.0000 Freq:50.02Hz Lamp Flux:183376x1 lm		
NAME: 1200W-5050-20	TYPE:	WEIGHT:
SPEC.:0.65x0.73	DIM.: 0.65x0.73	SERIAL No.:
MFR.: Lanyeeh	SUR.:0.65x0.73	Shielding Angle:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL	5050	Imax(cd)	901129
NOMINAL POWER(W)	1200	AVAILABILITY(%)	74.9
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	137390
NOMINAL FLUX(lm)	183376	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	183376
TEST VOLTAGE(V)	230	q @50%(H,V)	22,20DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00
80	1.06	4.97	12.3	22.6	34.3	45.8	54.9	61.0	64.3	64.4	61.2	55.3	46.5	35.5	23.6	12.9	5.20	1.07	607	0.00
70	1.69	9.29	23.8	45.3	71.4	97.0	118	134	142	143	135	119	98.0	72.8	46.5	24.8	9.76	1.80	1294	0.00
60	1.92	11.6	30.5	59.6	96.3	133	163	184	195	196	184	162	134	98.6	62.3	33.0	12.9	2.30	1760	0.00
50	2.21	13.8	37.0	73.6	121	168	205	230	241	240	225	201	168	124	77.7	41.0	16.0	2.91	2186	0.00
40	2.55	15.8	42.9	85.7	140	193	249	329	415	407	314	239	192	145	93.4	49.4	19.3	3.48	2935	0.00
30	2.89	17.8	48.5	96.5	156	218	353	846	1890	2032	951	369	224	165	108	57.1	22.1	3.92	7559	2930
20	3.26	19.7	53.4	104	163	251	644	2474	6253	6255	2431	624	264	181	119	62.9	23.9	4.12	19932	15203
10	3.45	20.7	56.1	108	165	274	973	5579	17258	18095	6587	1064	308	191	125	65.4	24.6	4.17	50901	47065
0	3.61	21.5	57.7	109	166	285	1133	7098	20531	20357	6765	1078	313	194	126	66.1	24.8	4.16	58333	54689
-10	3.75	21.8	57.0	107	163	250	651	2846	6283	5466	1875	566	266	183	120	63.1	23.9	4.08	18949	14670
-20	3.96	21.5	54.8	103	160	229	415	1132	2410	2173	922	377	236	171	110	58.1	22.5	3.89	8603	2833
-30	4.08	20.9	52.2	98.3	156	213	264	264	246	253	242	248	212	158	100	53.4	21.0	3.76	2610	0.00
-40	4.12	19.6	49.0	92.6	148	205	254	292	313	304	280	244	199	145	91.1	48.8	19.2	3.76	2711	0.00
-50	3.80	16.9	41.6	77.8	122	167	205	234	250	249	232	202	164	121	78.2	42.7	17.3	3.73	2229	0.00
-60	3.31	13.7	33.1	61.0	93.8	126	155	176	186	186	175	154	126	94.7	62.9	34.8	14.6	3.39	1698	0.00
-70	2.45	9.60	22.6	40.9	61.3	80.2	95.8	107	113	113	107	96.5	81.1	62.3	42.3	23.4	10.1	2.55	1070	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	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	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																				
F t	48.1	259	673	1285	2017	2933	5932	21985	56792	56531	21484	5799	3032	2142	1386	737	287	53.1	183376	---
F a	0.00	0.00	0.00	0.00	0.00	0.00	495	15989	53222	52245	15139	301	0.00	0.00	0.00	0.00	0.00	0.00	---	137390

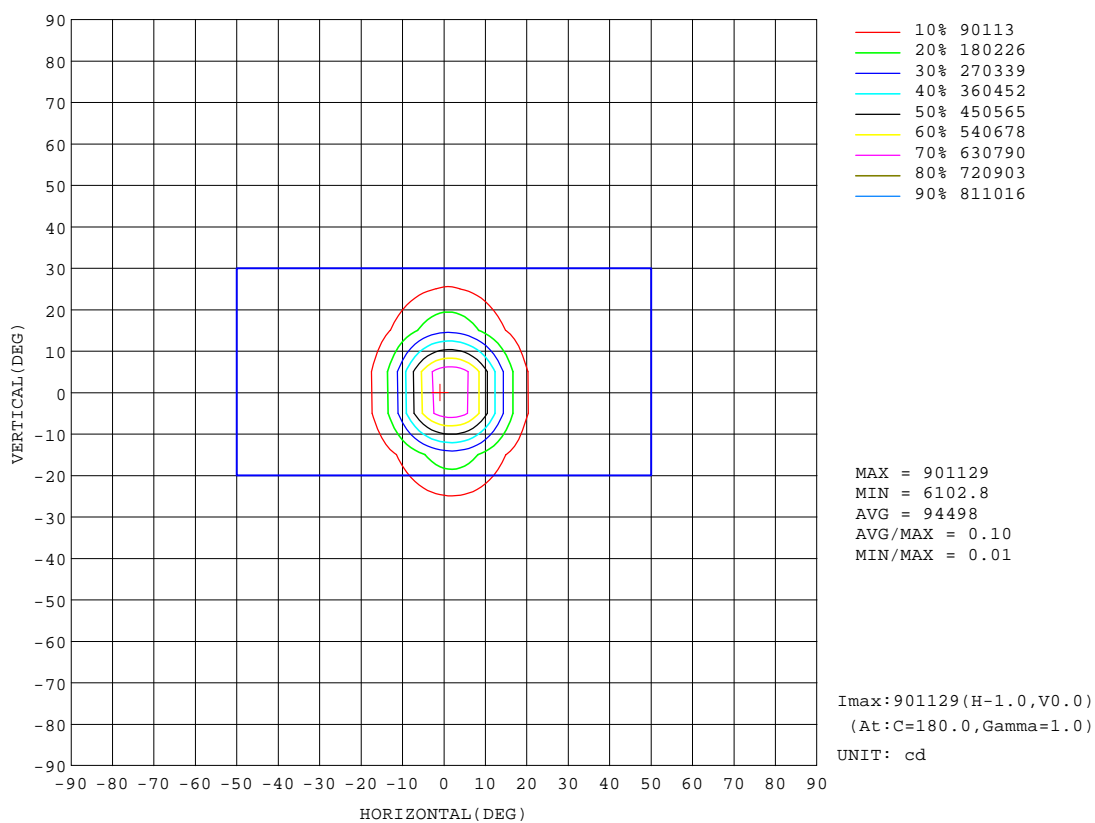
one-half-peak spread: U:10.1,D:10.4 , L:11.7,NEMA. Beam Type: Type 3 x 4 (H x V)

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:DAMIN
Test Date:2020-04-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:8.230m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

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SPEC.:0.65x0.73	DIM.: 0.65x0.73	SERIAL No.:
MFR.: Lanyeeh	SUR.:0.65x0.73	Shielding Angle:

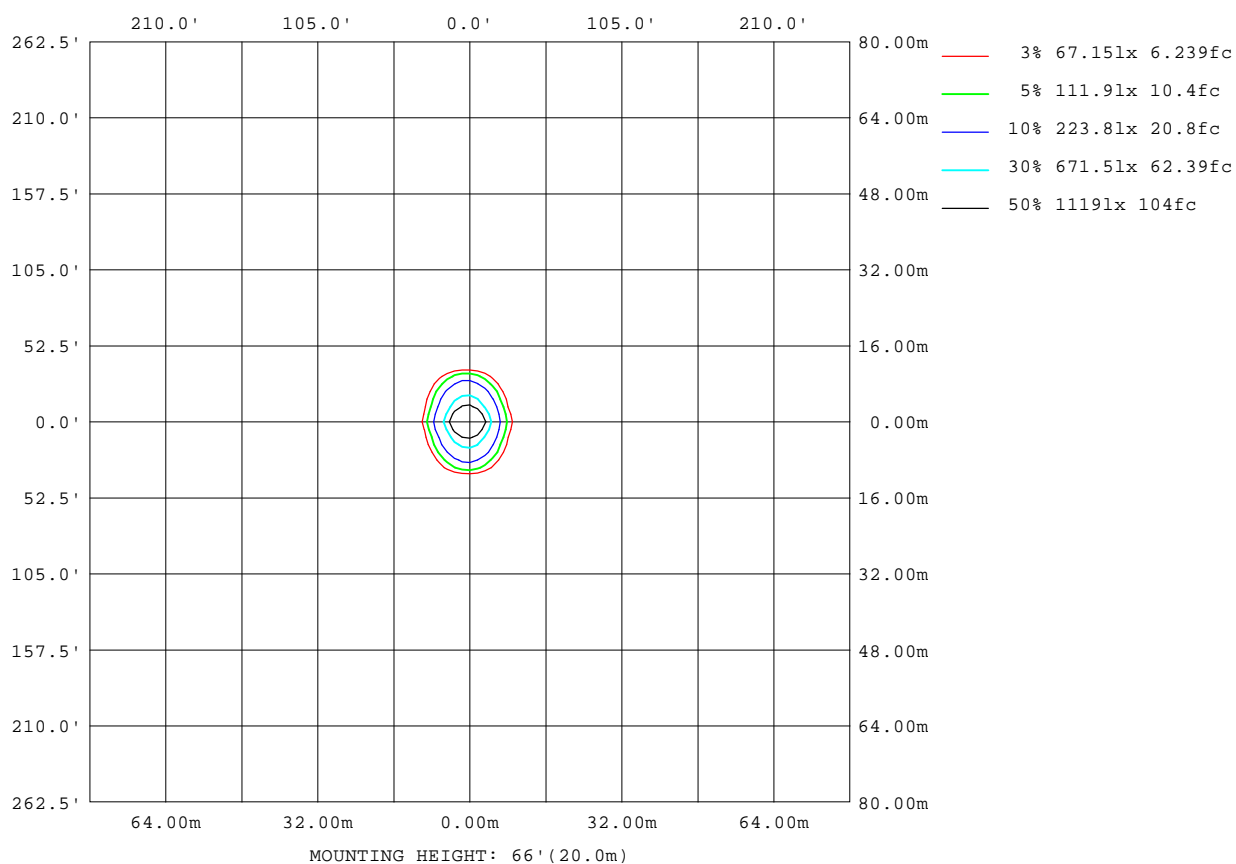


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 Temperature:30DEG
 Operators:DAMIN
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 Humidity:65.0%
 Test Distance:8.230m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

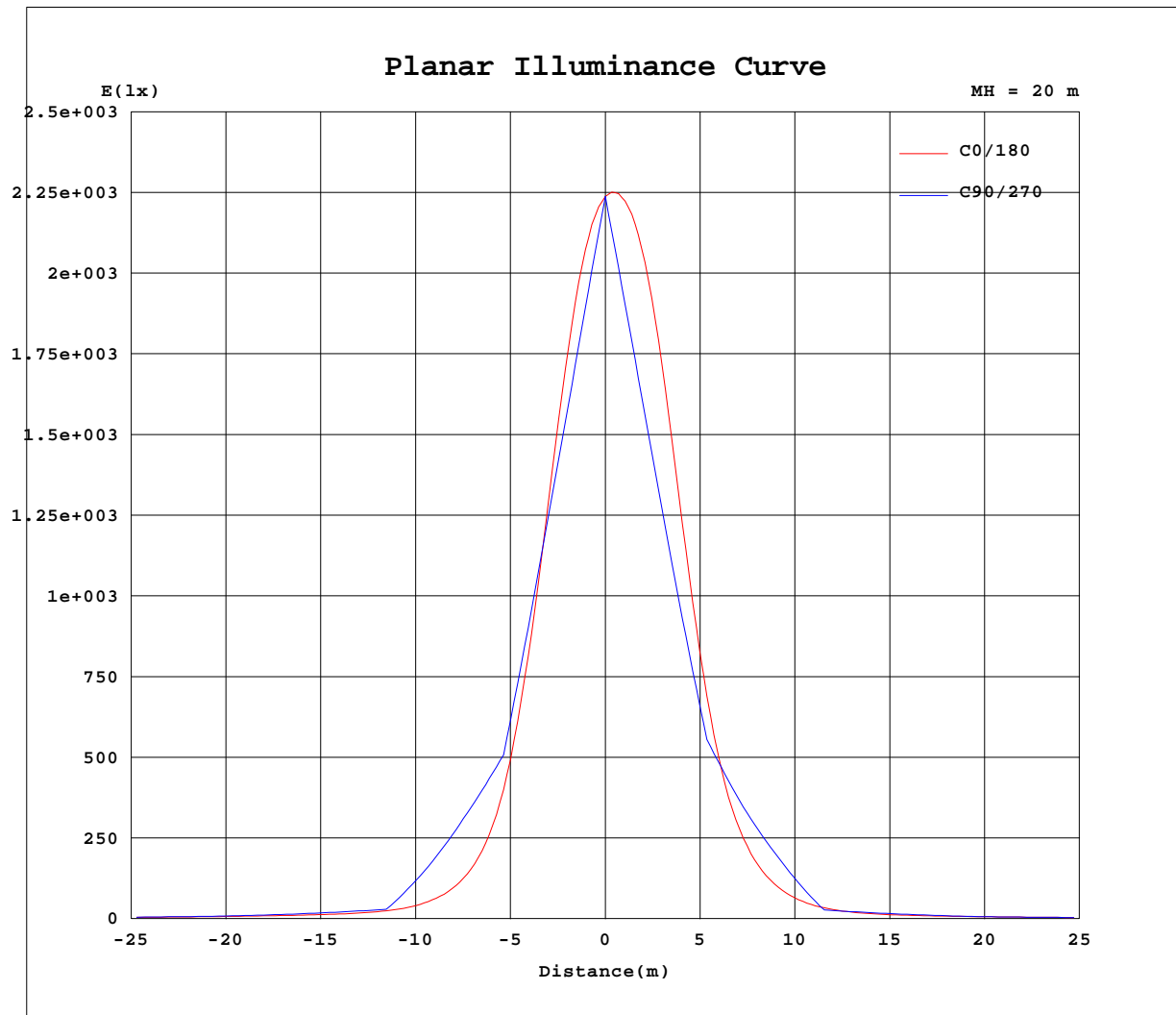
Test:U:10.846V I:0A P:0W PF:0.0000 Freq:50.02Hz Lamp Flux:183376x1 lm		
NAME: 1200W-5050-20	TYPE:	WEIGHT:
SPEC.:0.65x0.73	DIM.: 0.65x0.73	SERIAL No.:
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H_b Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:DAMIN
Test Date:2020-04-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:8.230m [K=1.0000]
Remarks:

Planar Illuminance Curve



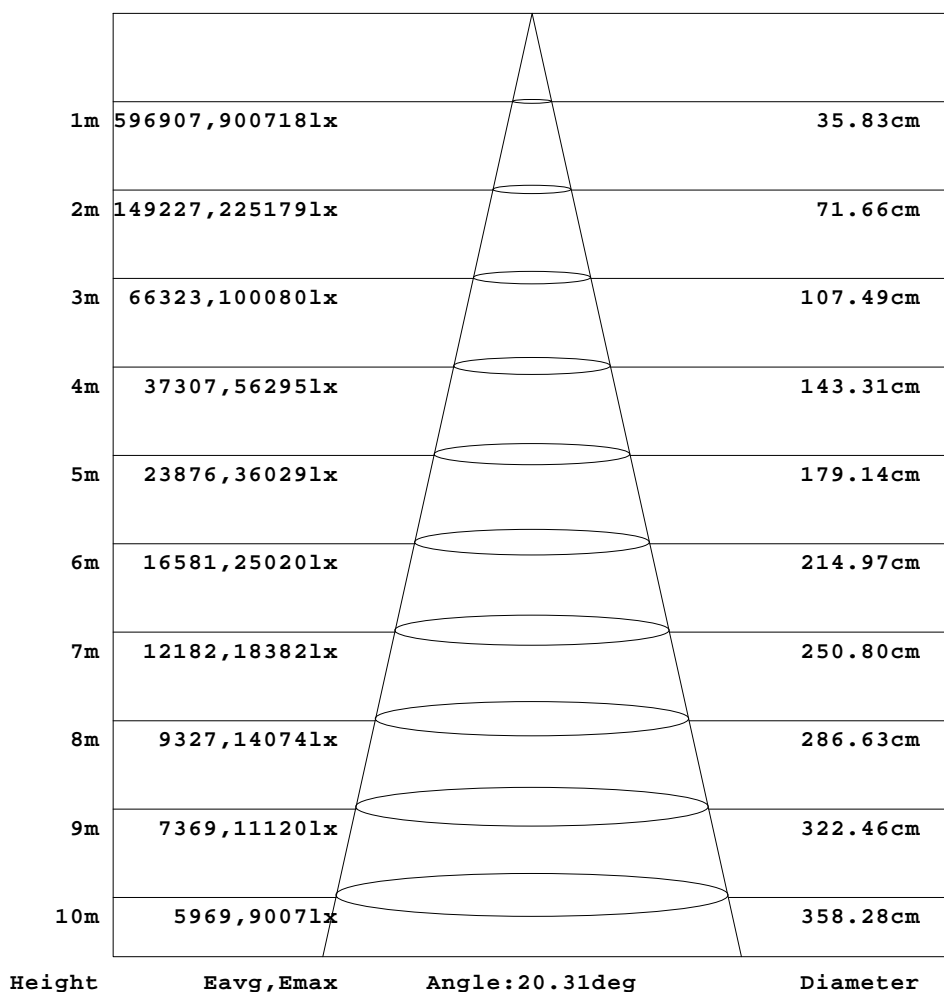
H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:DAMIN
Test Date:2020-04-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:8.230m [K=1.0000]
Remarks:

AAI Figure

Test:U:10.846V I:0A P:0W PF:0.0000 Freq:50.02Hz Lamp Flux:183376x1 lm		
NAME: 1200W-5050-20	TYPE:	WEIGHT:
SPEC.:0.65x0.73	DIM.: 0.65x0.73	SERIAL No.:
MFR.: Lanyeeh	SUR.:0.65x0.73	Shielding Angle:

Flux out:64416 lm



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

H_b) Range:-90 - 90DEG
H_b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:30DEG
Operators:DAMIN
Test Date:2020-04-16

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
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Humidity:65.0%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:10.846V I:0A P:0W PF:0.0000 Freq:50.02Hz Lamp Flux:183376x1 lm		
NAME: 1200W-5050-20	TYPE:	WEIGHT:
SPEC.:0.65x0.73	DIM.: 0.65x0.73	SERIAL No.:
MFR.:	SUR.:0.65x0.73	Shielding Angle:

Table--1

UNIT: ×100cd

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	7.97	8.33	9.57	11.0	13.3	16.4	19.2	22.2	25.1	27.6	29.7	31.5	33.0	34.2	35.3	36.0	36.6	37.1	37.4
-70	9.14	10.6	12.2	14.9	18.5	22.2	26.0	29.8	33.3	36.5	39.3	41.6	43.7	45.5	47.0	47.9	48.7	49.3	49.3
-65	9.99	10.9	12.8	15.4	19.3	23.6	28.1	32.8	37.5	41.7	45.7	49.1	52.0	54.7	57.1	58.7	59.9	60.9	61.3
-60	11.3	13.5	16.2	20.2	25.3	30.4	35.9	41.5	46.7	51.8	56.2	60.1	63.6	66.8	69.3	71.1	72.3	73.2	73.0
-55	11.1	12.5	15.1	19.2	24.3	29.9	36.0	42.2	48.5	54.6	60.4	65.3	69.6	73.3	76.6	79.1	81.0	82.4	83.0
-50	11.8	14.4	18.6	24.0	30.1	36.7	43.4	50.5	57.6	64.6	70.6	75.9	80.2	83.8	87.0	89.6	91.5	92.7	92.7
-45	11.4	13.1	16.7	22.2	28.5	35.3	42.7	50.3	58.1	66.3	73.9	80.4	85.9	90.1	93.8	97.0	99.9	102	103
-40	11.3	14.8	20.3	26.8	33.6	41.0	48.6	56.6	64.9	72.8	79.4	85.5	91.3	97.2	105	113	121	128	130
-35	9.97	12.0	16.9	23.5	30.4	37.7	45.3	53.3	61.7	70.1	77.2	83.4	89.9	96.8	106	119	133	147	157
-30	9.96	14.6	21.3	28.4	35.8	43.4	51.4	60.0	68.8	76.4	82.6	88.9	96.6	107	122	141	162	180	185
-25	8.13	10.8	17.0	24.2	31.7	39.6	47.7	56.0	64.6	72.5	79.2	86.7	98.2	120	173	279	456	694	875
-20	8.07	14.1	21.4	28.8	36.9	45.4	53.9	62.4	70.2	76.7	84.6	96.7	122	185	334	611	1028	1466	1583
-15	5.83	9.42	16.9	24.4	32.3	41.0	50.0	58.6	66.8	73.3	79.9	90.1	111	161	293	577	1068	1743	2257
-10	6.95	13.5	21.1	28.8	37.4	46.6	55.5	64.1	71.2	77.4	87.5	107	160	309	697	1585	3038	4265	4506
-5	5.23	9.17	16.2	23.7	31.9	41.1	50.5	59.4	67.7	73.8	81.9	96.0	133	245	557	1364	3182	5502	6709
0	6.60	13.0	20.4	28.3	37.3	47.0	56.2	65.0	71.9	78.5	91.4	119	211	479	1211	3064	6194	8575	8954
5	4.66	8.76	15.5	22.9	31.1	40.2	49.6	58.7	67.3	73.8	82.3	96.8	136	253	577	1404	3249	5587	6778
10	6.10	12.4	19.5	27.1	35.6	44.8	54.0	63.1	70.9	78.0	88.7	110	171	340	760	1696	3200	4425	4601
15	4.12	8.20	14.8	22.0	29.7	38.3	47.4	56.6	65.7	73.3	81.1	92.7	118	186	353	697	1268	2000	2467
20	5.42	11.4	18.1	25.2	33.1	41.7	50.6	59.8	68.3	75.8	84.4	98.3	131	214	395	720	1188	1624	1674
25	3.49	7.18	13.3	19.8	26.8	34.6	43.1	51.9	61.0	69.4	77.0	84.6	97.6	125	189	315	520	777	938
30	4.55	10.0	16.2	22.6	29.7	37.6	46.0	55.0	64.1	72.1	78.4	84.3	91.8	102	117	137	158	173	172
35	3.00	6.27	11.7	17.6	23.8	30.7	38.3	46.4	54.9	63.1	70.2	75.8	81.6	88.1	97.2	109	123	137	143
40	3.96	8.84	14.3	20.0	26.1	32.8	40.1	47.9	55.7	62.9	69.0	74.1	79.0	84.2	90.7	98.1	106	111	110
45	2.65	5.47	10.2	15.5	20.8	26.7	33.0	40.0	47.2	54.4	60.8	66.3	70.6	73.7	76.2	78.0	79.1	79.5	79.8
50	3.64	7.74	12.3	17.2	22.3	27.7	33.7	40.0	46.4	52.4	57.5	61.7	64.9	67.5	69.6	70.8	71.6	72.0	72.0
55	3.03	5.03	8.80	13.0	17.5	22.1	27.1	32.5	38.0	43.4	48.3	52.4	55.6	58.3	60.6	62.2	63.3	64.0	64.3
60	3.57	6.73	10.3	14.2	18.2	22.3	26.8	31.6	36.2	40.5	44.0	47.2	49.6	52.0	53.8	55.1	56.0	56.5	56.7
65	3.58	4.78	7.52	10.6	13.9	17.4	21.0	24.9	28.7	32.4	35.7	38.4	40.7	42.6	44.3	45.4	46.3	47.0	47.2
70	4.03	6.06	8.37	11.0	13.9	16.8	19.8	22.9	25.7	28.4	30.7	32.6	34.0	35.4	36.3	36.9	37.5	37.8	37.8
75	4.29	4.71	6.39	8.17	10.3	12.6	14.9	17.2	19.3	21.2	23.0	24.6	25.7	26.6	27.3	27.7	28.0	28.3	28.4
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	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_b Range:-90 - 90DEGH_b Interval: 1.0DEG

Test Speed: HIGH

Temperature:30DEG

Operators:DAMIN

Test Date:2020-04-16

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402

Humidity:65.0%

Test Distance:8.230m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:10.846V I:0A P:0W PF:0.0000 Freq:50.02Hz Lamp Flux:183376x1 lm		
NAME: 1200W-5050-20	TYPE:	WEIGHT:
SPEC.:0.65x0.73	DIM.: 0.65x0.73	SERIAL No.:
MFR.: Lanyeeh	SUR.:0.65x0.73	Shielding Angle:

Table--2

UNIT: ×100cd

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	0.00	0.00	0.00	0.00	0.00	0.00	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	37.4	37.1	36.7	36.2	35.5	34.4	33.2	31.7	29.8	27.7	25.3	22.3	19.1	16.1	13.4	11.3	9.63	8.56	
-70	49.0	48.3	47.5	46.4	44.9	43.0	40.9	38.4	35.6	32.5	28.9	25.1	21.2	17.6	14.4	11.9	9.91	9.33	
-65	61.0	60.4	59.4	58.1	56.2	53.8	51.2	48.3	44.9	41.0	37.0	32.6	27.9	23.3	19.0	15.3	12.4	10.4	
-60	72.5	71.3	69.7	67.6	64.7	61.5	58.1	54.2	49.6	44.8	39.8	34.4	29.0	23.9	18.9	15.1	12.2	11.1	
-55	82.6	81.5	79.8	77.6	74.5	71.1	67.3	63.0	58.1	52.4	46.6	40.7	34.8	28.8	23.1	17.9	13.9	11.1	
-50	91.5	89.7	87.3	84.1	80.2	76.2	71.5	66.0	59.9	53.1	46.3	39.8	33.4	26.9	20.8	15.6	12.0	10.7	
-45	102	100	97.9	94.7	90.6	86.3	81.5	75.8	69.4	62.0	54.2	46.7	39.8	32.7	25.7	19.2	14.1	10.7	
-40	126	118	109	101	93.1	87.1	81.2	75.1	68.2	60.3	52.2	44.6	37.2	29.8	22.7	16.2	11.4	9.73	
-35	156	145	131	117	104	95.0	87.9	82.0	75.6	68.2	59.9	51.5	43.5	35.7	28.1	20.8	14.0	9.30	
-30	175	156	135	117	103	94.2	87.3	81.4	74.5	66.2	57.4	48.7	40.5	32.5	24.7	16.9	10.3	8.08	
-25	844	628	398	242	155	116	97.7	88.8	81.5	74.2	65.6	56.4	47.4	38.7	30.2	22.1	14.3	8.26	
-20	1277	809	455	249	152	113	96.3	87.4	80.0	72.1	62.8	53.2	43.8	34.7	26.0	17.8	10.3	6.78	
-15	2166	1548	899	471	244	148	111	96.1	87.2	79.9	71.4	61.5	51.4	41.6	32.0	23.3	15.1	7.60	
-10	3711	2211	1003	434	214	134	105	92.7	84.3	76.6	66.9	56.6	46.3	36.4	27.0	18.5	10.4	6.13	
-5	6469	4738	2419	953	394	195	125	103	91.0	82.9	74.4	64.1	53.4	43.0	33.0	23.8	15.2	7.69	
0	7476	4362	1780	672	290	156	113	97.4	87.4	79.7	69.7	58.7	47.9	37.4	27.7	18.8	10.6	6.14	
5	6500	4740	2414	948	389	192	124	102	90.5	82.7	74.3	63.9	53.3	42.8	32.8	23.8	15.2	7.85	
10	3731	2203	993	423	206	129	103	91.6	83.7	76.2	66.6	56.3	46.1	36.1	26.8	18.4	10.7	6.60	
15	2258	1553	885	454	229	139	107	93.9	85.7	79.2	70.9	61.1	51.0	41.2	31.7	23.1	15.0	8.09	
20	1291	794	437	232	139	106	92.2	84.6	78.2	70.8	61.7	52.3	43.0	33.9	25.4	17.6	10.4	6.82	
25	864	615	378	223	139	105	90.7	84.0	78.2	71.8	63.7	54.8	46.0	37.4	29.0	21.5	14.1	7.84	
30	155	132	113	98.6	89.8	84.6	80.6	76.4	70.9	63.4	55.0	46.6	38.7	30.8	23.5	16.4	9.96	6.80	
35	137	123	108	96.2	87.4	82.1	78.0	74.2	69.3	63.0	55.4	47.6	40.0	32.7	25.5	19.0	12.6	7.15	
40	104	95.8	88.3	82.3	78.0	74.7	70.9	66.4	60.6	53.6	46.3	39.3	32.5	25.9	19.8	13.9	8.45	6.01	
45	79.4	78.3	76.9	75.2	73.3	71.3	68.4	64.3	59.2	52.8	46.0	39.4	33.1	27.0	21.3	15.8	10.5	6.02	
50	71.3	70.3	68.8	67.1	65.0	62.6	59.3	55.1	49.8	43.8	37.8	32.0	26.6	21.2	16.2	11.3	6.89	5.13	
55	64.3	63.6	62.5	61.1	59.2	57.0	54.4	51.1	47.0	42.0	36.8	31.6	26.6	21.7	17.1	12.5	8.34	4.83	
60	56.6	55.7	54.5	53.0	50.8	48.4	45.7	42.5	38.4	34.0	29.5	25.0	20.7	16.7	12.5	8.65	5.28	4.16	
65	47.3	46.9	46.1	45.1	43.7	41.9	39.9	37.5	34.6	31.1	27.4	23.7	20.0	16.3	12.8	9.43	6.44	4.10	
70	37.7	37.2	36.6	35.7	34.4	33.0	31.3	29.3	26.7	23.9	20.9	17.8	14.8	11.8	9.03	6.55	4.38	3.95	
75	28.4	28.1	27.8	27.4	26.8	25.9	24.9	23.6	22.0	20.1	17.9	15.6	13.3	10.8	8.54	6.54	4.83	3.82	
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_b Range:-90 - 90DEGH_b Interval: 1.0DEG

Test Speed: HIGH

Temperature:30DEG

Operators:DAMIN

Test Date:2020-04-16

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.402

Humidity:65.0%

Test Distance:8.230m [K=1.0000]

Remarks: