

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	692.4 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of I _{max}	108.5V x 96.6H
	At 50% of I _{max}	73.1V x 76.0H
	At 90% of I _{max}	39.4V x 48.8H

Beam Flux	Total	998.9 lumens per klm.
	To 10% of I _{max}	908.8 lumens per klm.
	To 50% of I _{max}	730.3 lumens per klm.
	To 90% of I _{max}	326.6 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

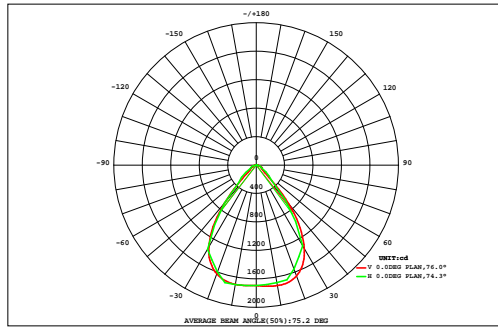
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:2.000V I:0A P:0W PF:0 Lamp Flux:2483.17x1 lm		
NAME: 50W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		PHOTOMETRIC DATA	
MODEL		Imax(cd)	1719
NOMINAL POWER(W)	0	AVAILABILITY(%)	91.0
RATED VOLTAGE(V)	2	Avai. FLUX(lm)	2260
NOMINAL FLUX(lm)	2483.17	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	2483
TEST VOLTAGE(V)	2.0	θ @50%(H,V)	76,73DEG

AREA FLUX DIAGRAM													UNIT:lm					Φ t	Φ a				
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	0.00	0.00	0.00
80	0.02	0.05	0.11	0.23	0.37	0.56	0.79	0.87	1.00	1.02	0.92	0.87	0.67	0.45	0.29	0.16	0.06	0.02	8.46	0.00			
70	0.02	0.10	0.31	0.65	1.07	1.52	1.87	2.13	2.37	2.37	2.21	1.97	1.61	1.19	0.75	0.39	0.13	0.03	20.7	0.00			
60	0.02	0.13	0.47	0.96	1.57	2.16	2.73	3.55	4.42	4.60	3.94	3.09	2.42	1.72	1.07	0.55	0.18	0.03	33.6	6.31			
50	0.02	0.18	0.62	1.21	1.91	2.67	3.82	6.14	8.70	9.11	6.98	4.71	3.24	2.10	1.31	0.69	0.22	0.03	53.7	32.7			
40	0.02	0.22	0.72	1.38	2.28	5.34	13.8	23.0	28.4	29.2	25.5	18.0	8.28	2.91	1.55	0.80	0.26	0.03	162	151			
30	0.02	0.25	0.80	1.54	2.90	10.2	24.9	37.5	43.9	44.6	40.1	29.4	14.3	4.55	1.79	0.90	0.30	0.03	258	248			
20	0.02	0.28	0.86	1.68	4.47	18.6	36.0	46.3	50.3	50.6	47.7	39.0	23.8	7.24	2.00	0.98	0.33	0.03	330	322			
10	0.02	0.30	0.90	1.74	5.69	22.1	38.9	48.0	51.1	51.3	49.3	41.9	27.0	9.12	2.11	1.02	0.36	0.03	351	343			
0	0.02	0.30	0.91	1.77	6.21	23.1	39.7	48.6	51.5	51.8	50.1	43.0	28.3	9.43	2.11	1.03	0.36	0.03	358	351			
-10	0.02	0.29	0.86	1.70	4.99	19.8	36.9	47.0	51.3	51.9	48.9	40.5	24.8	6.94	1.94	0.95	0.31	0.03	339	331			
-20	0.02	0.25	0.79	1.55	3.64	12.1	26.5	37.9	43.9	44.8	40.8	31.0	15.6	4.06	1.73	0.87	0.28	0.03	266	257			
-30	0.02	0.21	0.70	1.39	2.35	5.88	16.2	25.9	31.7	32.6	28.3	19.2	7.71	2.44	1.51	0.78	0.24	0.02	177	166			
-40	0.02	0.17	0.60	1.22	2.00	3.35	4.98	7.29	10.0	10.5	7.60	4.20	2.55	2.02	1.26	0.66	0.19	0.02	58.7	42.5			
-50	0.01	0.12	0.45	0.94	1.56	2.27	2.99	4.20	5.39	5.42	4.23	3.05	2.32	1.63	1.00	0.51	0.15	0.02	36.3	9.71			
-60	0.01	0.07	0.29	0.65	1.10	1.56	1.91	2.08	2.00	1.93	1.91	1.88	1.58	1.14	0.70	0.34	0.10	0.01	19.3	0.00			
-70	0.01	0.04	0.12	0.29	0.51	0.79	1.11	1.27	1.42	1.47	1.29	1.16	0.88	0.56	0.34	0.16	0.05	0.01	11.4	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	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	0.00		
Φ t	0.31	2.95	9.52	18.9	42.6	132	253	342	388	393	360	283	165	57.5	21.5	10.8	3.54	0.40	2483	---			
Φ a	0.00	0.00	0.00	0.00	19.5	116	237	329	376	382	346	267	149	37.0	0.54	0.00	0.00	0.00	---	2260			

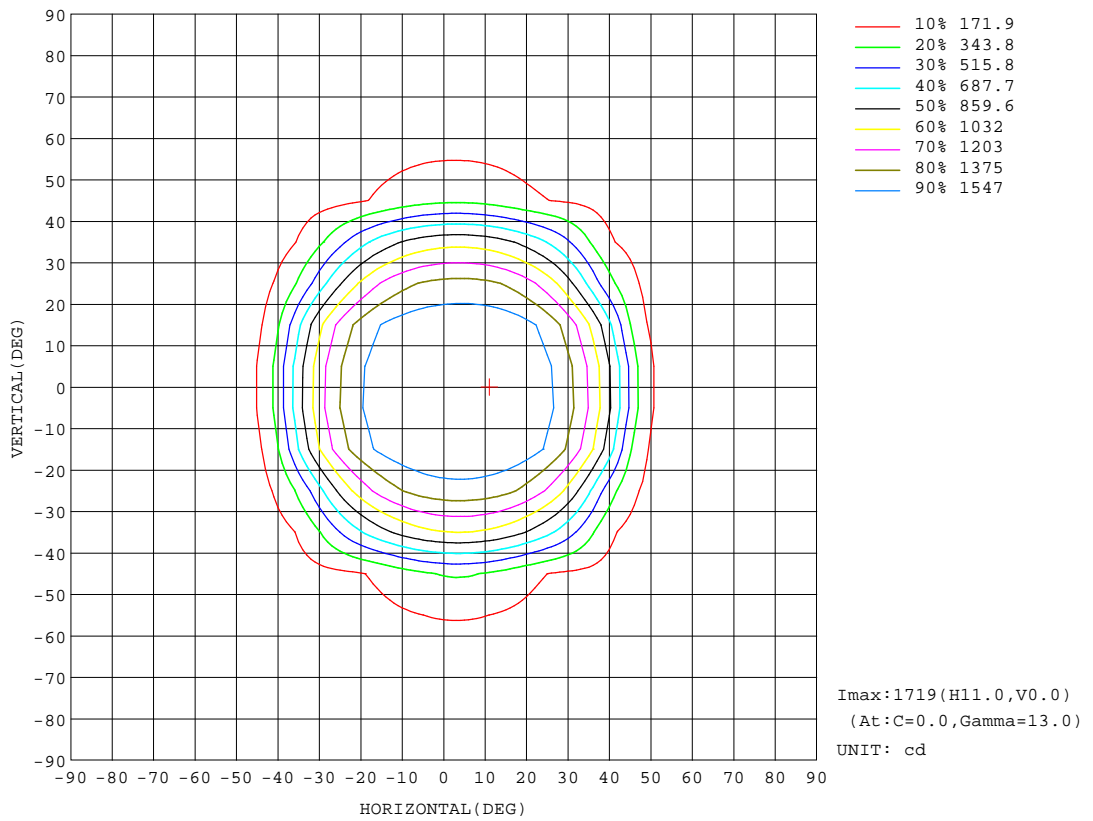
one-half-peak spread: U:37.0,D:36.3 , L:28.9,NEMA Beam Type: Type 5 x 6 (H x V)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:2.000V I:0A P:0W PF:0 Lamp Flux:2483.17x1 lm		
NAME: 50W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

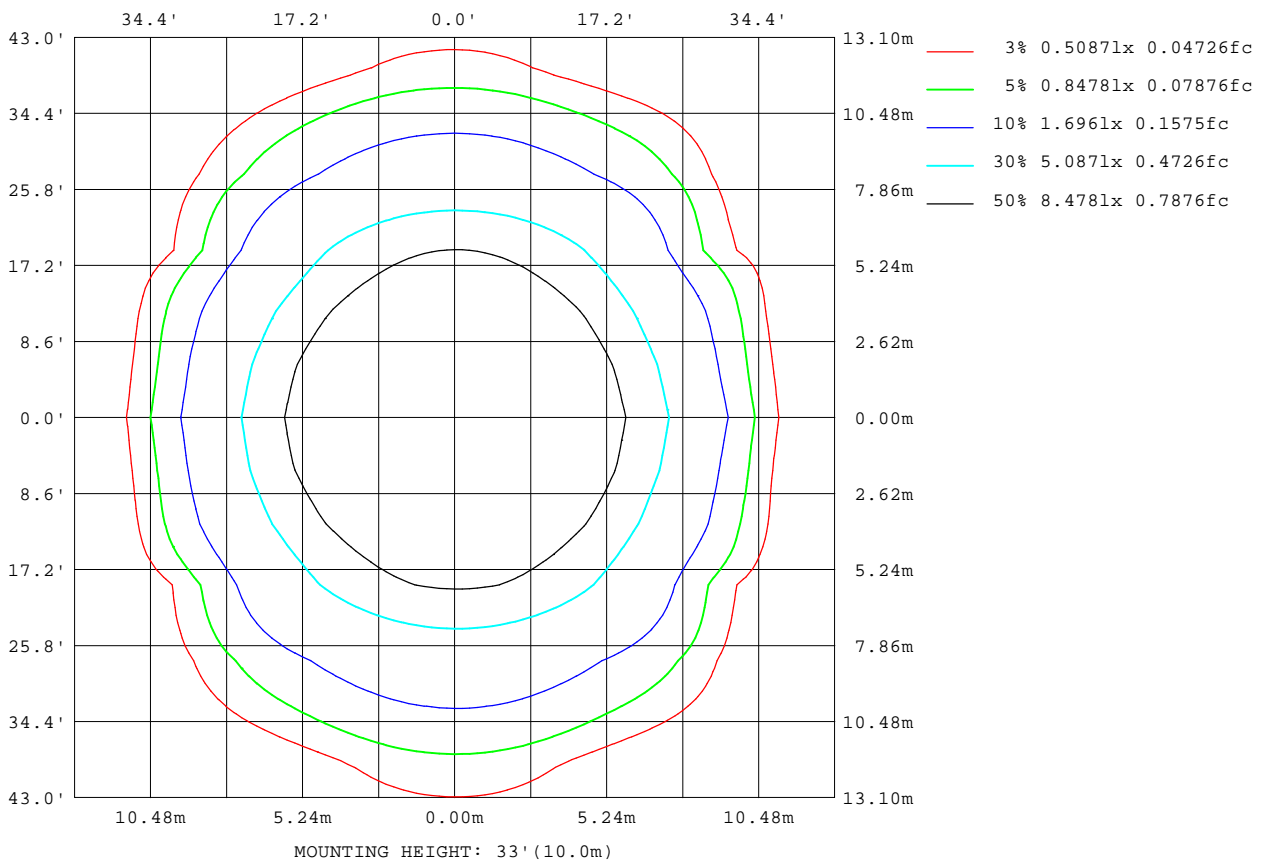


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Temperature:25.3DEG
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V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:2.000V I:0A P:0W PF:0 Lamp Flux:2483.17x1 lm		
NAME: 50W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



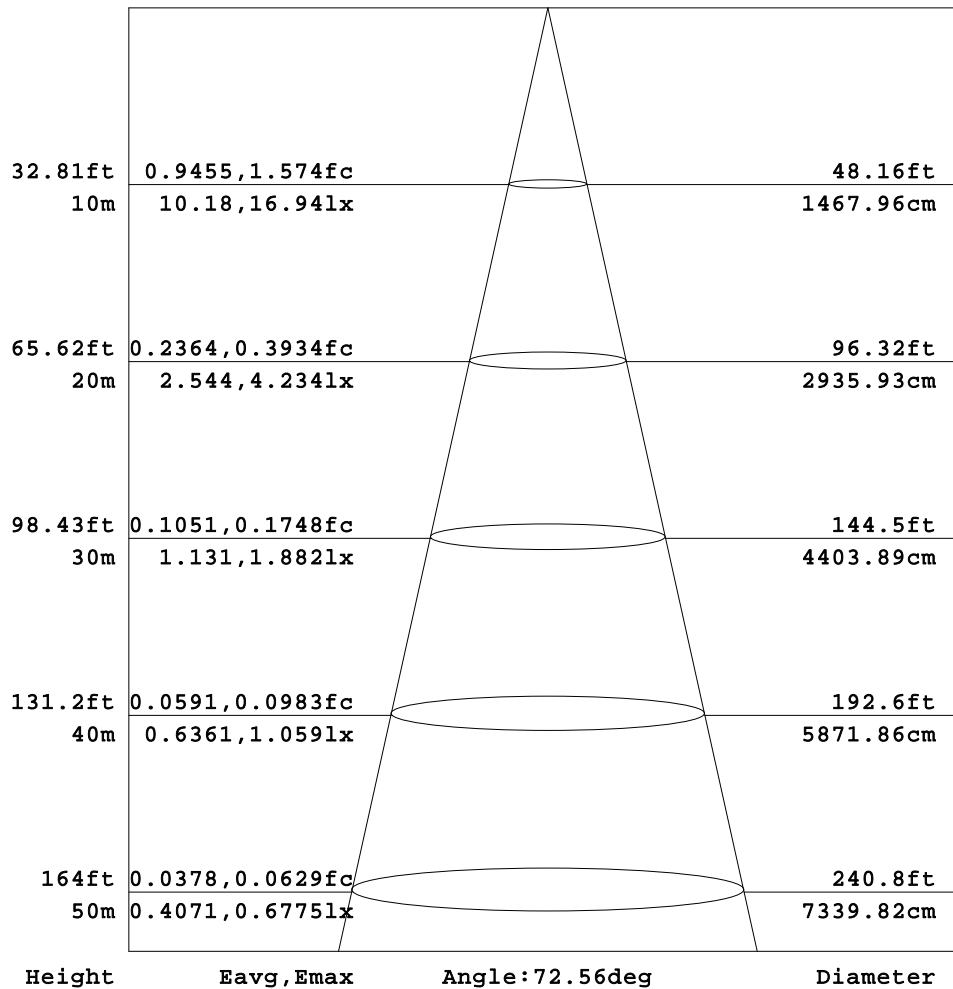
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

AAI Figure

Test:U:2.000V I:0A P:0W PF:0 Lamp Flux:2483.17x1 lm		
NAME: 50W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Flux out:1751 lm

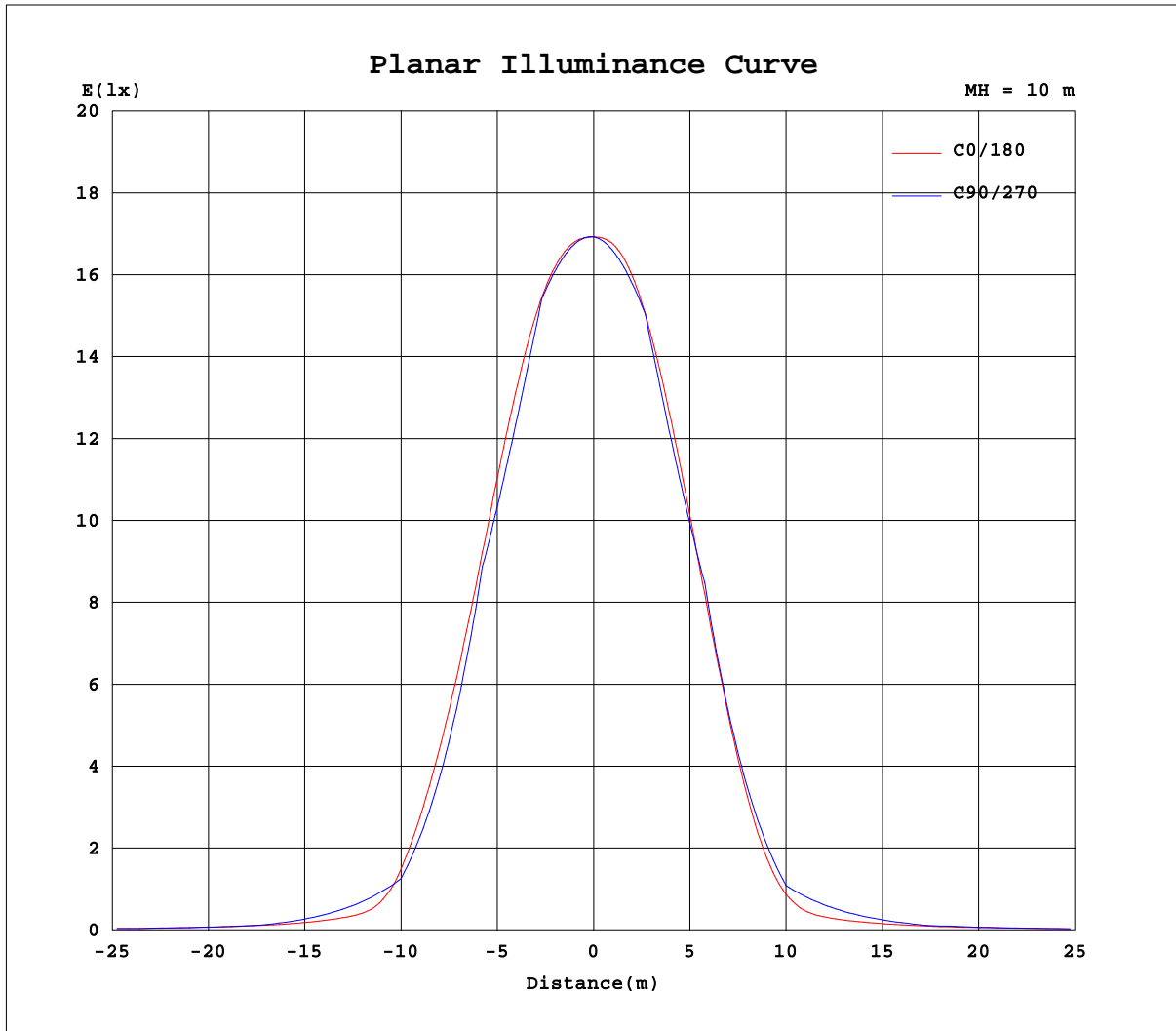


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



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Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:2.000V I:0A P:0W PF:0 Lamp Flux:2483.17x1 lm		
NAME: 50W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	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	0.00
-75	2.34	2.84	3.38	4.33	5.18	7.34	11.0	14.8	18.3	22.0	25.5	29.8	34.9	39.4	42.4	43.0	42.6	45.4	50.3
-70	2.74	3.49	4.63	7.32	10.9	16.8	22.3	27.3	32.4	37.9	42.8	48.3	52.5	56.4	59.2	59.6	61.3	64.7	67.4
-65	2.50	3.15	4.28	6.76	12.0	18.8	26.9	34.0	40.3	47.2	54.4	60.3	65.2	69.1	73.0	76.0	77.3	80.0	82.1
-60	2.99	4.14	5.92	12.3	20.4	31.3	40.4	48.2	56.2	65.5	73.2	78.6	82.3	86.4	91.1	94.0	96.0	98.1	97.7
-55	2.53	3.32	5.17	10.7	19.4	30.5	41.8	51.0	59.5	69.1	79.1	87.9	95.3	103	114	131	152	172	183
-50	2.93	4.38	9.93	19.4	30.6	44.4	54.5	64.1	73.9	85.1	95.9	106	117	131	156	193	233	262	272
-45	2.42	3.37	6.04	16.3	27.6	42.5	55.8	65.8	75.9	87.5	99.7	112	125	140	165	208	266	321	353
-40	2.83	4.57	13.7	25.8	39.8	54.4	65.6	77.1	89.7	105	130	195	290	385	473	557	630	678	696
-35	2.35	3.27	7.81	20.7	33.8	50.4	62.6	74.4	87.5	103	125	190	337	518	678	807	911	985	1024
-30	2.69	4.71	17.1	31.3	48.0	61.3	73.9	87.3	103	125	177	344	603	850	1045	1188	1289	1347	1370
-25	2.26	3.12	9.62	24.6	40.4	57.3	69.2	82.4	98.8	124	204	382	638	902	1114	1267	1374	1442	1477
-20	2.47	5.23	20.0	36.7	55.1	67.3	79.9	96.7	119	199	420	715	998	1223	1378	1483	1550	1586	1599
-15	2.14	2.95	11.5	28.1	47.3	63.1	75.3	89.8	110	150	338	689	1028	1291	1472	1585	1654	1693	1710
-10	2.47	5.58	21.5	40.4	60.5	71.7	84.0	103	132	267	593	953	1242	1445	1572	1648	1688	1703	1707
-5	2.34	3.10	11.7	28.7	50.6	66.2	77.6	92.6	114	177	423	794	1130	1377	1536	1631	1681	1699	1699
0	2.68	5.79	21.8	42.7	64.1	74.3	86.3	106	142	329	694	1059	1336	1518	1626	1683	1702	1697	1694
5	2.90	3.63	12.0	28.8	50.4	66.1	77.6	92.7	113	176	420	784	1117	1364	1525	1620	1669	1686	1685
10	3.58	6.56	21.8	39.8	60.0	71.5	84.2	103	131	265	579	928	1217	1420	1550	1625	1663	1675	1679
15	3.81	4.53	12.5	28.4	46.4	62.8	75.4	90.1	109	148	330	659	989	1253	1436	1552	1619	1654	1668
20	4.53	7.04	20.8	36.2	55.3	67.6	80.6	96.6	117	194	405	685	955	1175	1334	1440	1505	1538	1551
25	4.76	5.47	11.3	25.4	41.0	57.9	70.3	83.2	98.1	121	198	369	604	846	1056	1214	1322	1390	1423
30	5.53	7.23	18.6	32.0	49.9	62.7	75.3	87.4	101	119	172	327	550	781	979	1128	1230	1287	1309
35	5.72	6.32	10.2	22.1	35.5	51.9	63.7	75.4	87.0	100	119	184	313	472	630	763	865	933	969
40	6.40	7.68	15.9	27.3	42.5	55.3	66.5	77.3	88.4	101	124	183	265	358	447	527	590	629	643
45	6.67	7.10	9.24	18.7	29.7	44.7	55.5	66.5	75.6	86.0	95.1	104	115	130	159	199	245	284	306
50	7.18	8.07	12.9	21.8	33.7	45.5	55.2	64.5	73.6	83.3	91.3	99.0	109	125	150	181	211	232	239
55	7.33	7.71	8.92	13.8	22.1	33.3	43.0	51.7	60.0	69.0	77.9	84.4	90.2	97.9	110	125	142	158	166
60	7.87	8.40	9.67	15.3	23.6	33.3	41.4	49.0	57.0	66.6	72.8	76.7	80.1	83.6	87.4	89.3	92.6	95.9	96.5
65	7.88	8.13	8.71	10.6	15.4	22.1	29.3	35.3	41.6	48.1	54.8	59.8	63.4	67.2	70.4	71.9	73.6	77.6	80.0
70	8.16	8.47	9.11	11.4	14.7	19.8	24.5	29.0	33.7	38.7	43.0	47.5	51.3	54.5	55.6	56.2	59.1	62.7	63.2
75	8.32	8.37	8.58	9.05	9.65	11.2	14.3	17.2	20.2	23.2	25.8	30.3	34.6	38.4	40.4	39.2	40.5	44.0	47.2
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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:2.000V I:0A P:0W PF:0 Lamp Flux:2483.17x1 lm		
NAME: 50W	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	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	0.00	0.00	0.00	0.00	0.00	0.00	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	50.0	44.7	43.5	44.5	42.9	40.3	36.8	31.5	27.4	23.6	20.4	17.5	13.5	10.0	6.66	5.16	4.03	3.37
-70	63.1	60.5	60.4	59.2	56.3	52.5	48.3	42.6	38.0	32.8	28.4	23.4	18.0	12.0	8.04	5.03	3.79	3.01
-65	81.6	78.9	76.8	76.0	72.9	69.3	65.5	60.4	54.8	48.1	41.5	35.7	28.9	20.9	13.8	8.34	4.82	3.57
-60	96.8	94.3	92.6	89.6	85.4	81.1	77.2	71.0	63.7	55.2	47.8	40.0	31.1	20.4	12.9	6.33	4.09	3.24
-55	184	175	156	134	116	105	96.8	88.4	79.3	69.5	59.9	51.6	42.8	31.3	20.6	12.0	5.55	3.68
-50	263	234	193	155	132	118	107	94.7	83.3	71.7	62.2	52.8	42.1	27.9	17.9	8.61	4.20	3.15
-45	358	332	281	219	172	147	131	115	101	87.7	75.6	65.1	55.3	41.2	27.0	16.2	6.22	3.68
-40	684	640	570	486	401	306	198	130	105	88.4	75.5	63.9	51.8	35.4	22.8	11.1	4.20	3.01
-35	1032	1007	948	855	733	582	394	212	135	109	90.3	76.4	63.7	50.2	33.1	20.0	7.59	3.45
-30	1358	1312	1222	1083	892	643	352	176	130	105	87.8	73.3	60.3	43.0	27.6	13.7	4.11	2.81
-25	1484	1464	1415	1324	1183	982	714	427	222	132	104	85.7	71.0	57.5	38.5	22.9	8.48	3.22
-20	1592	1567	1509	1407	1249	1015	718	407	188	121	97.1	80.1	66.0	48.7	30.5	14.8	3.83	2.66
-15	1713	1705	1682	1625	1522	1347	1092	761	364	157	117	93.2	77.2	63.3	43.3	24.8	8.90	2.98
-10	1709	1702	1672	1599	1466	1252	959	587	247	134	104	85.6	71.2	55.1	33.2	15.8	3.79	2.73
-5	1703	1711	1707	1671	1587	1435	1198	882	489	188	124	97.6	81.8	69.0	49.8	26.5	9.66	3.14
0	1708	1719	1709	1657	1545	1353	1076	717	308	144	110	89.6	76.2	62.0	35.8	17.0	3.97	3.00
5	1690	1699	1695	1660	1573	1418	1181	869	484	189	125	98.0	82.4	69.7	50.3	27.0	9.98	3.73
10	1684	1680	1649	1573	1434	1217	931	569	238	136	105	86.7	72.5	56.2	34.3	16.9	4.93	3.84
15	1673	1669	1648	1590	1480	1295	1039	722	349	159	118	94.6	79.1	65.3	44.9	26.5	9.86	4.75
20	1546	1522	1462	1356	1190	956	676	389	180	123	98.3	82.0	67.9	50.4	32.2	16.5	5.97	4.89
25	1430	1410	1358	1263	1116	912	654	399	220	133	105	87.6	73.0	59.4	40.2	25.0	9.96	5.91
30	1295	1245	1149	1006	814	570	311	176	134	105	89.5	75.5	62.4	44.7	29.6	15.5	7.10	6.15
35	975	950	891	800	681	532	352	197	137	110	91.6	78.4	65.7	52.1	35.1	22.6	9.86	6.99
40	630	591	529	458	379	285	184	129	107	89.6	77.5	66.0	54.0	37.6	25.5	13.2	7.93	7.12
45	308	286	246	203	174	155	134	114	100	88.2	77.7	67.1	57.2	43.4	29.6	19.2	9.55	7.99
50	230	206	176	152	136	123	107	94.9	84.1	73.6	64.3	55.0	44.3	30.5	20.7	11.3	8.56	7.96
55	167	158	143	128	116	108	98.9	89.6	81.1	71.3	62.1	53.7	45.0	33.8	23.5	14.6	9.52	8.51
60	95.2	91.9	91.0	88.4	85.4	82.2	79.3	74.3	66.2	57.5	49.9	42.5	33.6	23.4	15.2	10.1	8.98	8.66
65	79.2	76.3	74.7	74.8	71.9	69.1	66.3	61.8	56.9	50.1	43.6	37.9	31.4	23.7	17.0	11.3	9.34	8.78
70	60.2	57.9	58.7	58.0	55.5	52.3	48.3	43.9	39.4	34.6	30.5	25.9	20.8	15.3	11.5	9.43	8.91	8.66
75	45.0	41.6	41.1	43.3	41.7	39.2	35.9	30.6	27.7	24.8	22.1	19.7	16.3	13.2	10.3	9.44	9.00	8.79
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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-09-18

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks: