

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

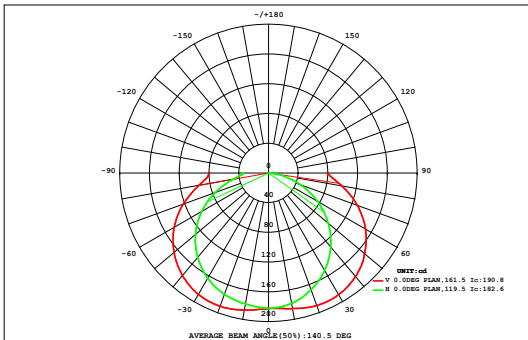
Maximum Intensity (Luminaire orientation as tested.)		248.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	168.7V x 180.0H 119.5V x 161.5H 51.4V x 94.6H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.0 lumens per klm. 999.0 lumens per klm. 832.9 lumens per klm. 273.8 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Leo
Test Date: 2019-11-19

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.400m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1603A P:19.09W PF:0.9895 Freq:49.99Hz Lamp Flux:766.687x1 lm		
NAME:	TYPE:飞利浦3030-2D	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2019111917
MFR.: EVERFINE	SUR.:0.3*0.115	Shielding Angle:



DATA OF LAMP		Eff:40.17lm/W	
MODEL	SEW5121500L30MVBZ	Imax (cd)	190.8
NOMINAL POWER (W)	20	AVAILABILITY (%)	99.9
RATED VOLTAGE (V)	120	Avai. FLUX (lm)	765.8
NOMINAL FLUX (lm)	766.687	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	766.7
TEST VOLTAGE (V)	120.317	θ @50% (H,V)	161,120DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a						
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	0	10	20	30	40	50	60	70	80
90	0.21	0.63	1.04	1.37	1.57	1.68	1.67	1.53	1.31	1.31	1.52	1.65	1.66	1.55	1.35	1.03	0.63	0.21	21.9	21.9					
80	0.21	0.66	1.14	1.58	1.91	2.14	2.24	2.18	2.01	1.99	2.14	2.18	2.06	1.83	1.51	1.09	0.65	0.21	27.8	27.8					
70	0.22	0.71	1.27	1.85	2.32	2.70	2.93	2.98	2.86	2.85	2.94	2.87	2.61	2.23	1.76	1.21	0.68	0.22	35.2	35.2					
60	0.22	0.75	1.40	2.11	2.72	3.22	3.56	3.70	3.65	3.64	3.68	3.51	3.15	2.63	2.02	1.33	0.72	0.22	42.2	42.2					
50	0.23	0.80	1.52	2.33	3.08	3.67	4.10	4.31	4.30	4.30	4.30	4.06	3.60	2.99	2.24	1.45	0.76	0.22	48.3	48.3					
40	0.23	0.84	1.62	2.50	3.36	4.04	4.52	4.78	4.82	4.83	4.79	4.50	3.98	3.28	2.43	1.56	0.79	0.23	53.1	53.1					
30	0.24	0.87	1.70	2.64	3.55	4.33	4.85	5.12	5.19	5.20	5.14	4.83	4.27	3.48	2.57	1.64	0.83	0.23	56.7	56.7					
20	0.24	0.89	1.76	2.73	3.68	4.50	5.07	5.34	5.40	5.42	5.36	5.06	4.45	3.62	2.67	1.70	0.85	0.23	59.0	59.0					
10	0.24	0.90	1.79	2.78	3.77	4.60	5.19	5.47	5.51	5.53	5.50	5.19	4.57	3.71	2.73	1.73	0.86	0.23	60.3	60.3					
0	0.24	0.90	1.78	2.77	3.74	4.57	5.16	5.44	5.49	5.54	5.50	5.18	4.55	3.69	2.71	1.72	0.86	0.23	60.1	60.1					
-10	0.24	0.88	1.73	2.67	3.60	4.41	4.98	5.23	5.29	5.33	5.29	5.00	4.39	3.56	2.62	1.67	0.84	0.23	57.9	57.9					
-20	0.23	0.85	1.65	2.54	3.41	4.15	4.64	4.87	4.92	4.94	4.91	4.66	4.13	3.37	2.48	1.59	0.81	0.23	54.4	54.4					
-30	0.23	0.81	1.55	2.37	3.16	3.77	4.18	4.38	4.38	4.39	4.40	4.18	3.74	3.11	2.31	1.49	0.77	0.22	49.4	49.4					
-40	0.22	0.76	1.43	2.16	2.81	3.30	3.62	3.76	3.70	3.70	3.76	3.60	3.26	2.75	2.09	1.37	0.72	0.22	43.2	43.2					
-50	0.22	0.71	1.29	1.90	2.39	2.75	2.97	3.02	2.89	2.89	3.01	2.93	2.70	2.33	1.83	1.23	0.68	0.21	35.9	35.9					
-60	0.21	0.66	1.14	1.61	1.94	2.15	2.23	2.19	1.99	1.98	2.16	2.18	2.09	1.87	1.54	1.09	0.63	0.21	27.9	27.9					
-70	0.21	0.61	1.00	1.32	1.49	1.54	1.48	1.32	1.06	1.05	1.29	1.43	1.47	1.42	1.27	0.97	0.60	0.21	19.7	19.7					
-80	0.20	0.58	0.90	1.10	1.14	1.06	0.89	0.64	0.33	0.33	0.63	0.88	1.05	1.14	1.10	0.91	0.58	0.21	13.7	12.8					
-90	0.20	0.58	0.90	1.10	1.14	1.06	0.89	0.64	0.33	0.33	0.63	0.88	1.05	1.14	1.10	0.91	0.58	0.21	13.7	12.8					
Φ t	4.06	13.8	25.7	38.3	49.6	58.6	64.3	66.3	65.1	65.2	66.3	63.9	57.7	48.5	37.2	24.8	13.2	3.97	767	---					
Φ a	4.06	13.8	25.7	38.3	49.6	58.6	64.3	66.1	64.8	64.9	66.1	63.9	57.7	48.5	37.2	24.8	13.2	3.97	---	766					

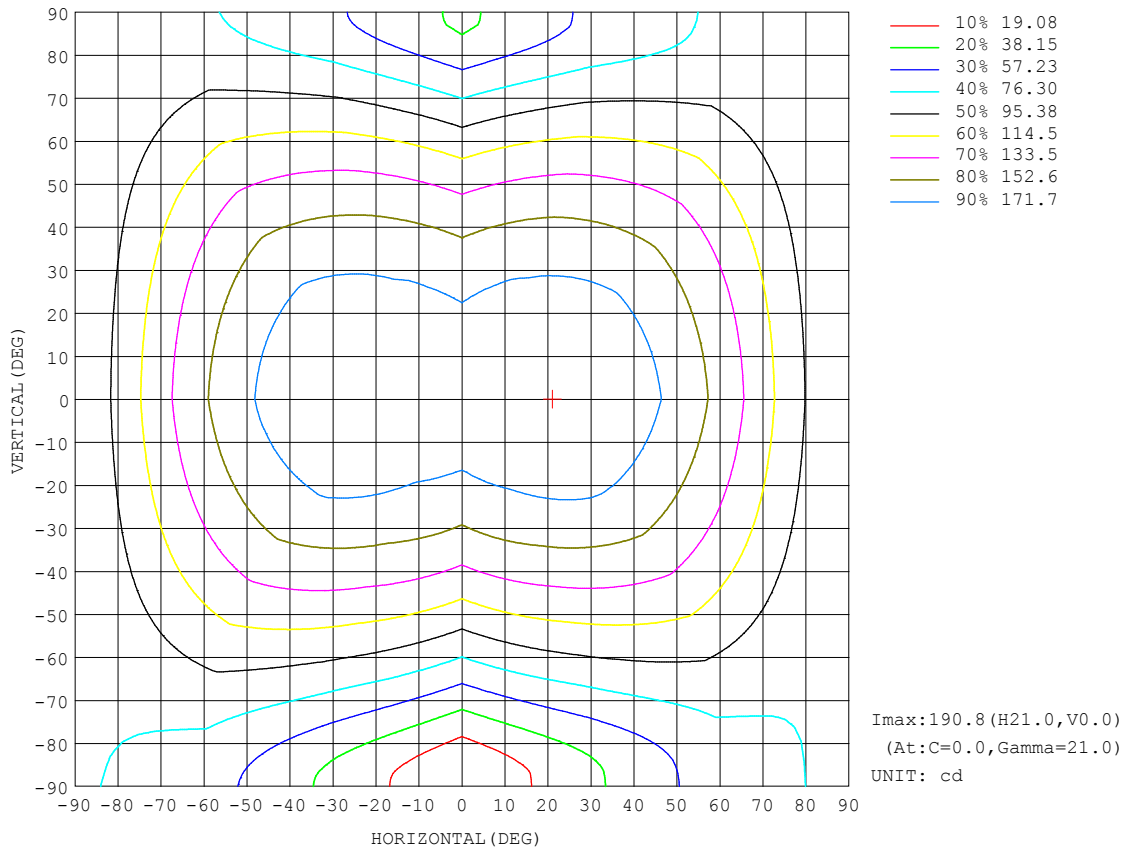
one-half-peak spread: U:55.2,D:65.0 , L:58.0,R:58.2 NEMA Beam Type: Type 7

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Leo
 Test Date:2019-11-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.3V I:0.1603A P:19.09W PF:0.9895 Freq:49.99Hz Lamp Flux:766.687x1 lm		
NAME:	TYPE:飞利浦3030-2D	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2019111917
MFR.: EVERFINE	SUR.:0.3*0.115	Shielding Angle:

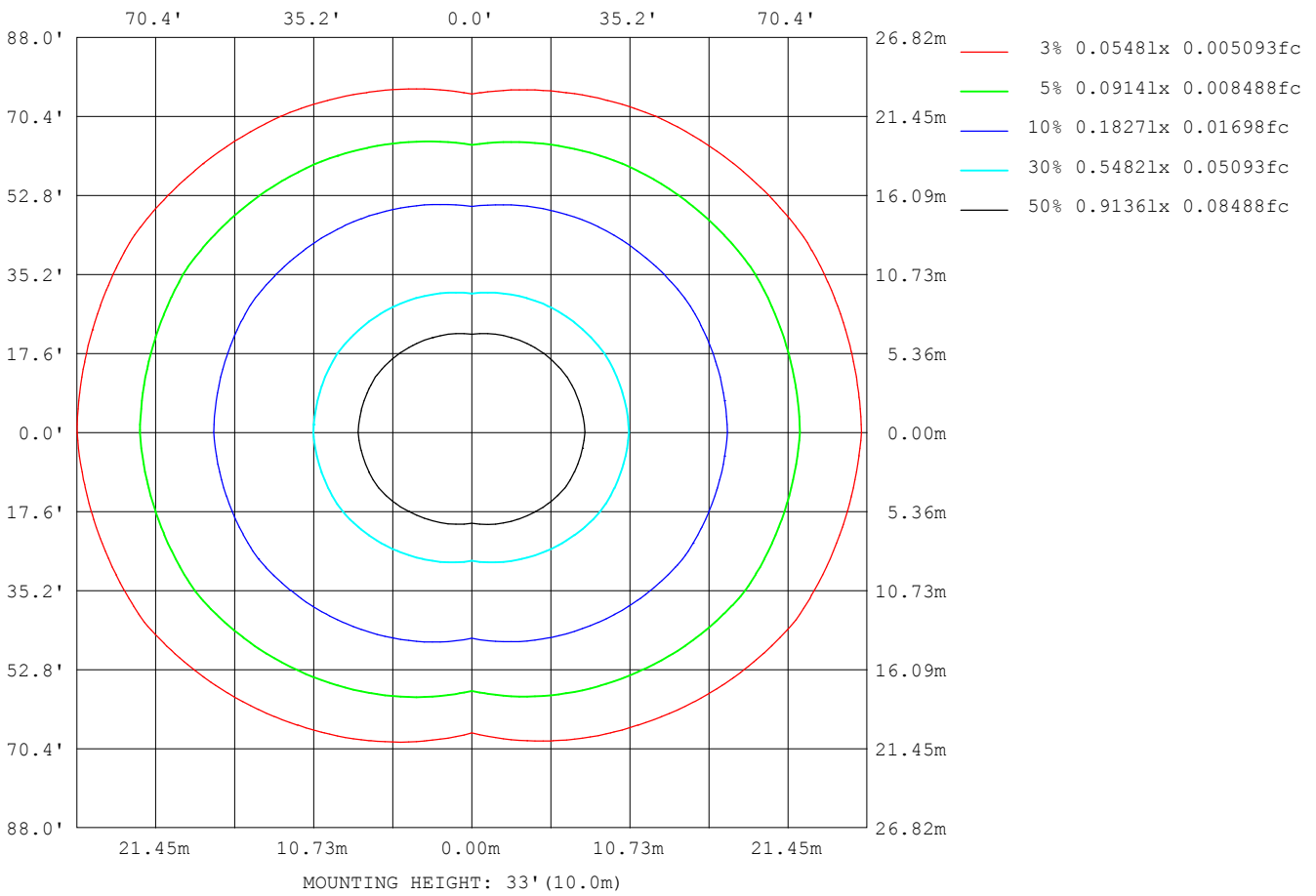


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

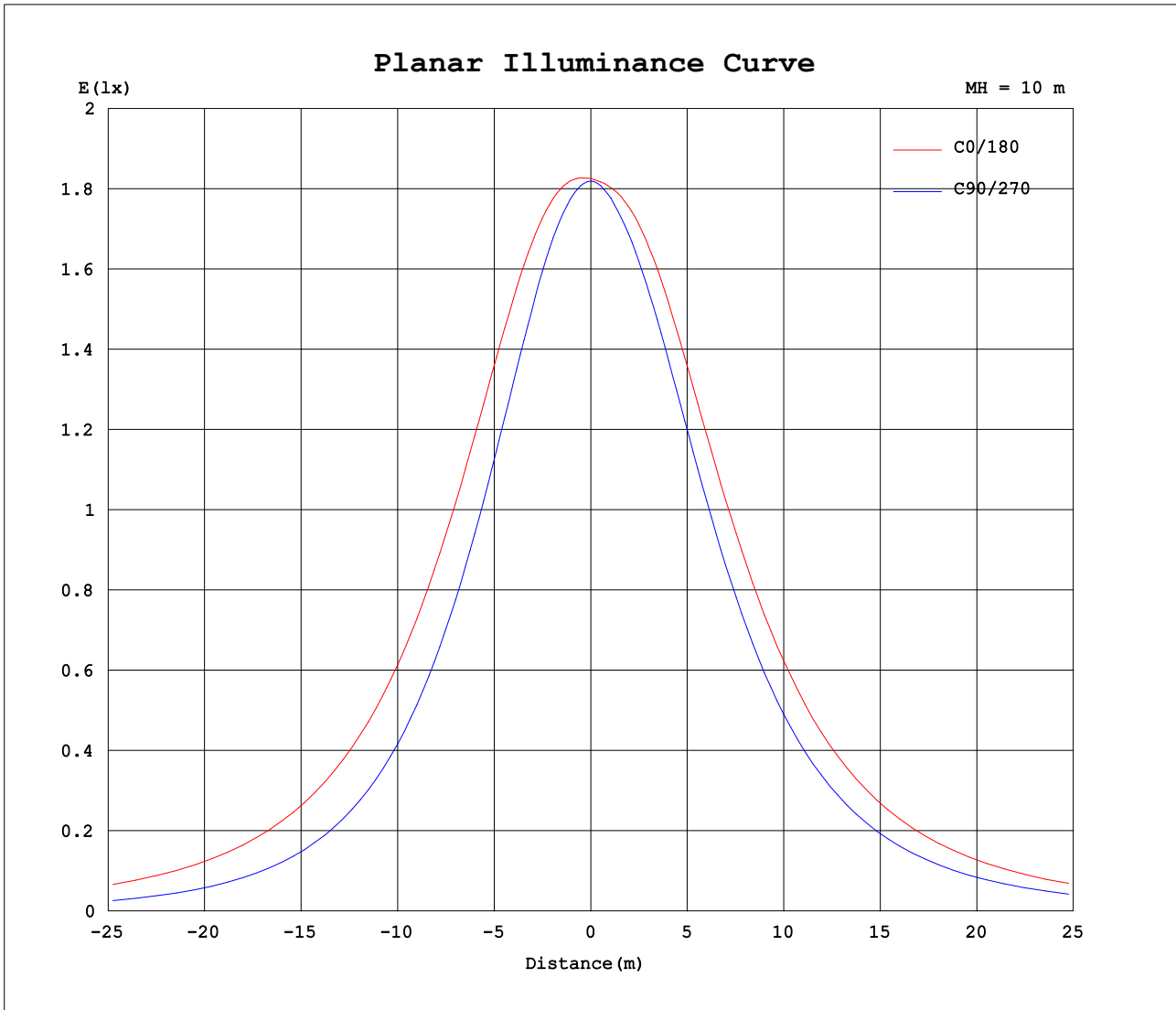
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NAME:	TYPE:飞利浦3030-2D	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2019111917
MFR.: EVERFINE	SUR.:0.3*0.115	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Leo
 Test Date:2019-11-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

Planar Illuminance Curve

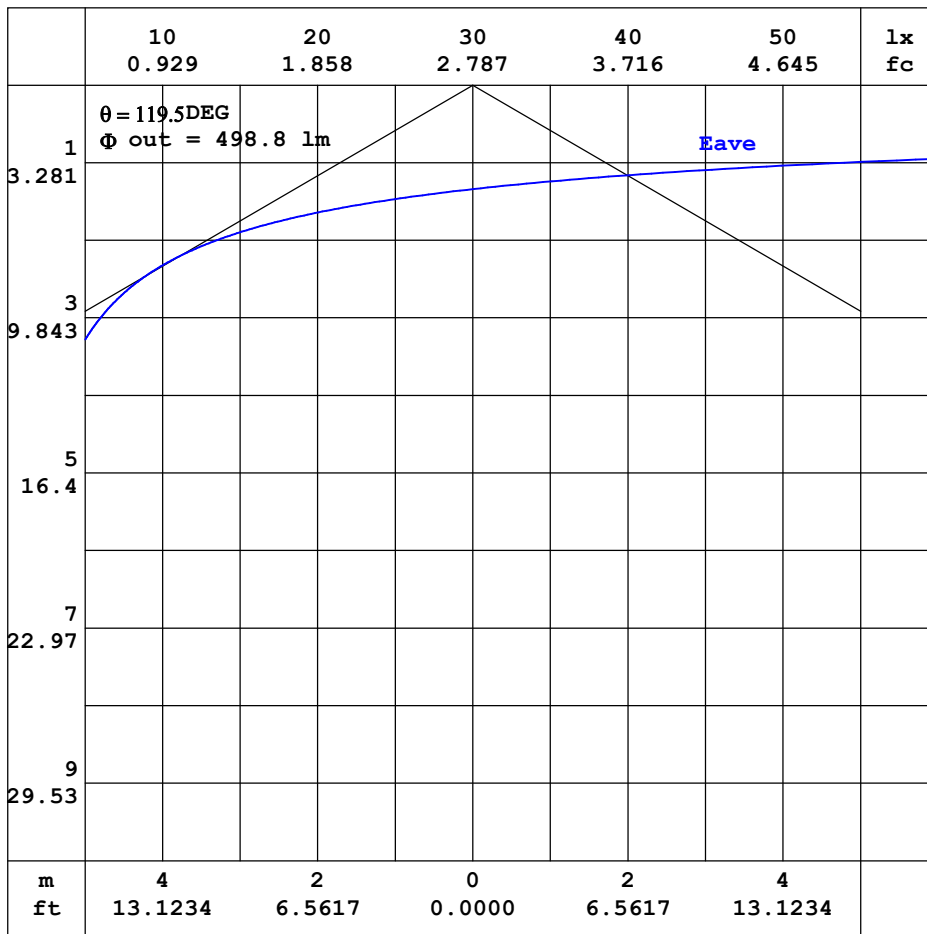


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Leo
 Test Date: 2019-11-19

γ Range: 0 - 90DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.400m [K=1.0000]
 Remarks:

AAI CURVES

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NAME:	TYPE:飞利浦3030-2D	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2019111917
MFR.: EVERFINE	SUR.:0.3*0.115	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: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Leo
 Test Date:2019-11-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1603A P:19.09W PF:0.9895 Freq:49.99Hz Lamp Flux:766.687x1 lm		
NAME:	TYPE:飞利浦3030-2D	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:2019111917
MFR.: EVERFINE	SUR.:0.3*0.115	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
-90	78.9	76.7	74.5	72.3	70.1	68.0	65.8	60.3	54.9	49.5	44.0	38.6	33.2	27.8	22.5	17.1	11.8	6.47	1.13
-85	78.9	77.2	75.4	73.6	71.8	70.0	68.2	63.0	57.8	52.6	47.3	41.9	36.5	31.2	25.9	20.5	15.0	9.49	3.92
-80	78.9	77.6	76.5	75.4	74.4	73.5	72.5	68.5	64.2	59.7	55.1	50.4	45.6	40.9	36.1	31.0	25.8	20.4	14.8
-75	78.9	78.2	77.8	77.7	77.8	78.1	78.3	75.7	72.5	69.1	65.5	61.7	57.6	53.6	49.4	44.8	40.0	34.8	29.2
-70	78.9	78.8	79.4	80.4	81.8	83.3	84.8	83.9	81.8	79.5	76.9	74.0	70.7	67.3	63.7	59.7	55.2	50.3	44.9
-65	78.9	79.5	81.1	83.4	86.0	88.8	91.5	92.5	91.5	90.2	88.5	86.4	83.8	81.1	78.2	74.8	70.7	66.0	60.7
-60	78.9	80.2	82.9	86.5	90.5	94.5	98.4	101	101	101	100	98.9	97.0	94.8	92.4	89.3	85.6	81.2	76.1
-55	78.9	81.0	84.8	89.6	94.8	100	105	110	111	111	111	111	109	108	106	103	99.9	95.8	90.9
-50	78.9	81.7	86.7	92.8	99.2	105	111	117	120	121	122	122	121	120	118	116	113	110	105
-45	78.9	82.5	88.5	95.8	103	111	117	124	129	131	132	132	132	131	130	128	126	122	118
-40	78.9	83.2	90.4	98.7	107	116	123	130	136	139	141	142	143	142	141	139	137	134	130
-35	78.9	83.9	92.1	101	111	120	128	136	142	148	150	151	152	152	151	149	148	145	141
-30	78.9	84.6	93.7	104	114	124	133	141	148	153	158	160	161	161	160	158	157	155	151
-25	78.9	85.2	95.2	106	117	128	137	145	153	159	164	167	169	169	168	166	164	163	160
-20	78.9	85.8	96.5	108	120	131	141	150	157	163	169	173	176	176	175	173	171	170	167
-15	78.9	86.3	97.6	110	122	134	144	153	161	168	173	177	180	181	180	178	176	175	174
-10	78.9	86.7	98.6	112	124	136	147	156	164	171	176	181	183	185	184	183	180	178	178
-5	78.9	87.0	99.4	113	126	138	149	158	167	174	179	184	186	187	187	185	183	181	181
0	78.9	87.3	99.9	114	127	139	151	160	169	176	182	186	189	190	190	188	185	183	183
5	78.9	87.2	99.7	113	127	139	150	160	168	175	181	185	187	188	188	186	184	182	181
10	78.9	87.1	99.4	113	126	138	149	158	166	174	179	183	185	187	186	185	182	180	179
15	78.9	86.8	98.8	112	125	136	147	156	164	172	177	181	183	185	184	182	180	178	177
20	78.9	86.5	98.0	111	123	134	145	154	162	169	174	178	181	181	180	179	177	176	174
25	78.9	86.1	97.0	109	121	132	142	151	159	165	171	174	176	176	176	175	173	172	169
30	78.9	85.7	95.9	107	119	129	139	148	155	161	166	169	170	171	170	169	168	166	164
35	78.9	85.1	94.6	105	116	126	135	143	151	157	160	162	164	164	164	163	162	159	157
40	78.9	84.6	93.2	103	113	122	131	139	146	150	153	155	157	157	157	156	154	152	148
45	78.9	84.0	91.6	100	109	118	126	134	140	143	146	148	149	149	148	147	145	142	139
50	78.9	83.4	90.1	97.8	106	114	121	128	132	135	137	139	140	140	139	137	135	132	128
55	78.9	82.7	88.4	95.0	102	109	115	122	124	127	128	129	130	130	128	126	124	121	117
60	78.9	82.1	86.7	92.1	98.0	104	109	114	116	118	119	119	119	118	117	114	112	108	104
65	78.9	81.4	85.0	89.3	93.9	98.6	103	106	107	108	108	108	108	106	104	102	98.4	94.7	90.4
70	78.9	80.8	83.4	86.6	90.0	93.5	97.0	98.2	98.4	98.3	97.9	97.1	96.0	93.9	91.2	88.0	84.4	80.4	76.0
75	78.9	80.3	82.0	83.9	86.3	88.6	90.9	90.6	89.7	88.6	87.4	85.8	84.1	81.2	77.9	74.3	70.4	66.2	61.7
80	78.9	79.7	80.7	81.7	82.9	84.1	85.4	83.8	81.8	79.7	77.6	75.3	72.8	69.2	65.4	61.3	57.1	52.7	48.1
85	78.9	79.3	79.6	80.0	80.3	80.6	81.0	78.3	75.5	72.7	69.8	66.8	63.9	59.7	55.4	51.1	46.7	42.3	37.7
90	78.9	78.9	78.8	78.7	78.6	78.6	78.5	75.4	72.4	69.3	66.2	63.1	60.1	55.8	51.5	47.2	42.9	38.6	34.3

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 γ Interval: 1.0DEG
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 Humidity:65.0%
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SPEC.:3000K	DIM.:	SERIAL No.:2019111917
MFR.: EVERFINE	SUR.:0.3*0.115	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
-90	6.67	12.2	17.8	23.3	28.8	34.4	39.9	45.5	51.0	56.6	62.2	67.7	69.9	72.0	74.2	76.3	78.5	80.7
-85	9.37	14.8	20.1	25.4	30.7	36.0	41.4	46.8	52.3	57.7	63.1	68.5	70.4	72.4	74.4	76.5	78.6	80.7
-80	20.0	25.1	30.0	34.7	39.2	43.7	48.4	53.0	57.5	62.0	66.5	70.8	72.1	73.5	75.0	76.7	78.6	80.7
-75	34.4	39.2	43.6	47.7	51.6	55.2	59.0	62.6	66.0	69.2	72.5	75.2	75.3	75.5	76.1	77.2	78.7	80.7
-70	49.9	54.5	58.5	62.1	65.3	68.3	71.2	73.7	76.0	78.1	80.0	80.8	79.6	78.6	77.9	78.0	78.9	80.7
-65	65.6	70.0	73.6	76.7	79.3	81.6	83.8	85.5	86.8	87.7	88.3	87.2	84.6	82.2	80.2	78.9	79.1	80.7
-60	81.0	85.1	88.5	91.2	93.3	95.1	96.4	97.2	97.7	97.5	96.9	93.9	89.9	86.1	82.8	80.1	79.4	80.7
-55	95.6	99.5	103	105	106	108	109	109	108	107	106	101	95.3	90.2	85.5	81.7	79.8	80.7
-50	109	113	116	118	119	120	120	120	118	117	113	107	101	94.3	88.3	83.2	80.2	80.7
-45	122	126	128	130	131	131	131	130	128	125	120	113	106	98.4	91.1	84.8	80.6	80.7
-40	134	138	140	141	142	142	141	139	137	133	126	119	111	102	93.8	86.3	81.1	80.7
-35	145	148	150	151	152	151	150	148	145	139	132	124	115	106	96.4	87.8	81.5	80.7
-30	155	158	159	161	161	160	159	156	151	145	138	129	120	109	98.9	89.2	82.0	80.7
-25	163	166	167	169	169	168	167	162	157	150	142	133	123	112	101	90.5	82.4	80.7
-20	170	172	175	176	176	176	172	167	161	154	146	137	127	115	103	91.7	82.9	80.7
-15	176	178	180	182	182	180	176	171	165	158	150	140	129	117	105	92.7	83.2	80.7
-10	180	183	185	186	185	184	180	175	169	161	153	143	132	119	106	93.6	83.5	80.7
-5	183	186	188	189	188	186	183	178	172	164	155	145	134	121	107	94.3	83.8	80.7
0	184	187	190	191	190	189	185	180	174	166	157	147	135	122	108	94.8	84.0	80.7
5	182	185	187	189	188	187	184	179	173	165	156	146	134	121	108	94.7	84.0	80.7
10	181	183	185	186	186	185	181	177	171	163	155	145	133	121	107	94.3	83.9	80.7
15	179	181	183	184	184	182	179	174	168	161	153	143	132	119	106	93.8	83.7	80.7
20	176	178	179	180	180	179	176	171	166	158	150	141	130	118	105	93.0	83.5	80.7
25	172	174	175	176	175	174	172	168	162	155	147	138	127	115	104	92.2	83.3	80.7
30	167	168	170	170	170	169	166	163	158	151	143	134	124	113	102	91.2	83.0	80.7
35	160	162	163	164	163	162	160	157	153	146	139	130	121	110	99.7	90.0	82.6	80.7
40	152	154	156	156	156	155	153	150	146	141	134	126	117	107	97.5	88.8	82.3	80.7
45	142	145	147	148	148	147	145	142	139	135	128	121	113	104	95.2	87.6	82.0	80.7
50	132	135	137	138	138	137	136	134	131	128	122	116	108	100	92.8	86.3	81.7	80.7
55	120	123	125	127	128	127	126	125	122	120	116	110	103	96.6	90.3	84.9	81.4	80.7
60	108	111	113	115	116	117	116	115	113	111	108	104	98.3	92.9	87.9	83.5	81.1	80.7
65	94.2	97.5	100	102	104	105	105	105	104	102	101	97.7	93.4	89.3	85.6	82.5	80.9	80.7
70	80.0	83.5	86.6	89.3	91.5	93.1	93.7	94.0	94.0	93.7	93.2	91.9	88.9	86.0	83.4	81.6	80.7	80.7
75	65.8	69.5	72.9	76.1	78.9	81.3	82.6	83.7	84.7	85.5	86.3	86.7	84.8	83.1	81.8	81.0	80.6	80.7
80	52.3	56.3	60.1	63.8	67.3	70.6	72.7	74.8	76.8	78.7	80.6	82.4	81.7	81.2	80.8	80.6	80.5	80.7
85	42.1	46.4	50.6	54.8	58.9	63.0	65.9	68.7	71.6	74.4	77.3	80.2	80.2	80.2	80.3	80.3	80.5	80.7
90	38.7	43.2	47.6	52.1	56.5	60.9	64.0	67.1	70.2	73.3	76.3	79.4	79.6	79.8	80.0	80.2	80.5	80.7

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Leo
 Test Date:2019-11-19

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks: