

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

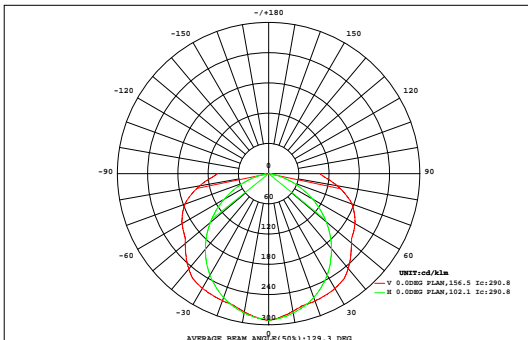
Maximum Intensity (Luminaire orientation as tested.)		290.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	149.8V x 180.0H 102.1V x 156.5H 39.7V x 62.5H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.0 lumens per klm. 997.2 lumens per klm. 769.0 lumens per klm. 119.2 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:25DEG
Operators:袁冠彬
Test Date:2017-09-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.25V I:0.1548A P:18.364W PF:0.9867 Freq:59.98Hz Lamp Flux:763.20lx1 lm		
NAME: BDWW041423LAJD2	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: LIGHTART	SUR.:0.32*0.14+3.14*0.04*0.04Shielding Angle:	



DATA OF LAMP		Eff:41.56lm/W	
MODEL	LED	Imax(cd/klm)	290.8
NOMINAL POWER(W)		AVAILABILITY(%)	99.6
RATED VOLTAGE(V)	120	Avai. FLUX(lm/klm)	996.1
NOMINAL FLUX(lm)	763.201	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm/klm)	1000
TEST VOLTAGE(V)	120	θ @50%(H,V)	156,102DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm/klm		Φ t	Φ a	
	0.26	0.75	1.19	1.46	1.51	1.40	1.17	0.84	0.42	0.46	0.94	1.33	1.55	1.61	1.52	1.21	0.76			0.26
80	0.27	0.82	1.38	1.84	2.05	2.07	1.90	1.60	1.18	1.22	1.72	2.09	2.24	2.16	1.89	1.41	0.83	0.27	27.0	26.6
70	0.28	0.90	1.59	2.24	2.60	2.75	2.76	2.72	2.52	2.55	2.82	2.92	2.90	2.71	2.29	1.62	0.91	0.28	37.4	37.4
60	0.29	0.98	1.80	2.59	3.12	3.51	3.82	4.02	3.99	4.01	4.10	3.94	3.61	3.21	2.65	1.82	0.99	0.29	48.8	48.8
50	0.30	1.05	1.97	2.87	3.60	4.24	4.79	5.17	5.33	5.35	5.25	4.90	4.33	3.66	2.92	2.00	1.07	0.30	59.1	59.1
40	0.31	1.12	2.11	3.09	4.01	4.96	5.67	6.13	6.48	6.50	6.18	5.73	5.01	4.05	3.12	2.14	1.13	0.31	68.1	68.1
30	0.32	1.17	2.23	3.27	4.40	5.62	6.41	6.91	7.40	7.41	6.93	6.45	5.65	4.43	3.30	2.25	1.19	0.32	75.6	75.6
20	0.32	1.22	2.32	3.42	4.70	6.03	6.94	7.54	8.09	8.10	7.54	6.94	6.05	4.73	3.44	2.34	1.23	0.33	81.3	81.3
10	0.33	1.25	2.39	3.54	4.90	6.29	7.23	7.88	8.52	8.53	7.87	7.22	6.31	4.93	3.55	2.40	1.25	0.33	84.7	84.7
0	0.33	1.25	2.40	3.55	4.91	6.31	7.26	7.90	8.53	8.55	7.88	7.21	6.30	4.93	3.55	2.40	1.25	0.33	84.8	84.8
-10	0.32	1.22	2.34	3.45	4.73	6.08	7.00	7.57	8.09	8.11	7.54	6.91	6.03	4.72	3.43	2.33	1.22	0.33	81.4	81.4
-20	0.32	1.18	2.25	3.31	4.44	5.68	6.49	6.96	7.40	7.39	6.88	6.38	5.61	4.40	3.26	2.23	1.18	0.32	75.7	75.7
-30	0.31	1.13	2.15	3.15	4.08	5.04	5.76	6.20	6.49	6.45	6.09	5.64	4.95	4.00	3.07	2.12	1.12	0.31	68.0	68.0
-40	0.30	1.07	2.01	2.94	3.69	4.34	4.91	5.24	5.32	5.28	5.12	4.75	4.22	3.57	2.86	1.97	1.06	0.30	59.0	59.0
-50	0.29	0.99	1.84	2.67	3.22	3.61	3.91	4.06	3.96	3.93	3.97	3.79	3.48	3.10	2.58	1.79	0.98	0.29	48.5	48.5
-60	0.28	0.92	1.64	2.32	2.72	2.89	2.88	2.77	2.49	2.46	2.67	2.72	2.72	2.58	2.22	1.59	0.90	0.28	37.0	37.0
-70	0.27	0.84	1.42	1.91	2.16	2.22	2.05	1.67	1.16	1.12	1.55	1.86	2.04	2.03	1.82	1.38	0.82	0.27	26.6	26.2
-80	0.27	0.77	1.23	1.54	1.62	1.53	1.29	0.90	0.42	0.38	0.80	1.13	1.37	1.50	1.45	1.18	0.75	0.26	18.4	16.8
-90	0.26	0.75	1.19	1.46	1.51	1.40	1.17	0.84	0.42	0.46	0.94	1.33	1.55	1.61	1.52	1.21	0.76	0.26	18.7	17.1
Φ t	5.38	18.6	34.2	49.1	62.5	74.6	82.2	86.1	87.8	87.8	85.9	81.9	74.4	62.3	48.9	34.2	18.7	5.40	1000	---
Φ a	5.38	18.6	34.2	49.1	62.5	74.6	82.2	85.3	86.6	86.6	85.2	81.9	74.4	62.3	48.9	34.2	18.7	5.40	---	996

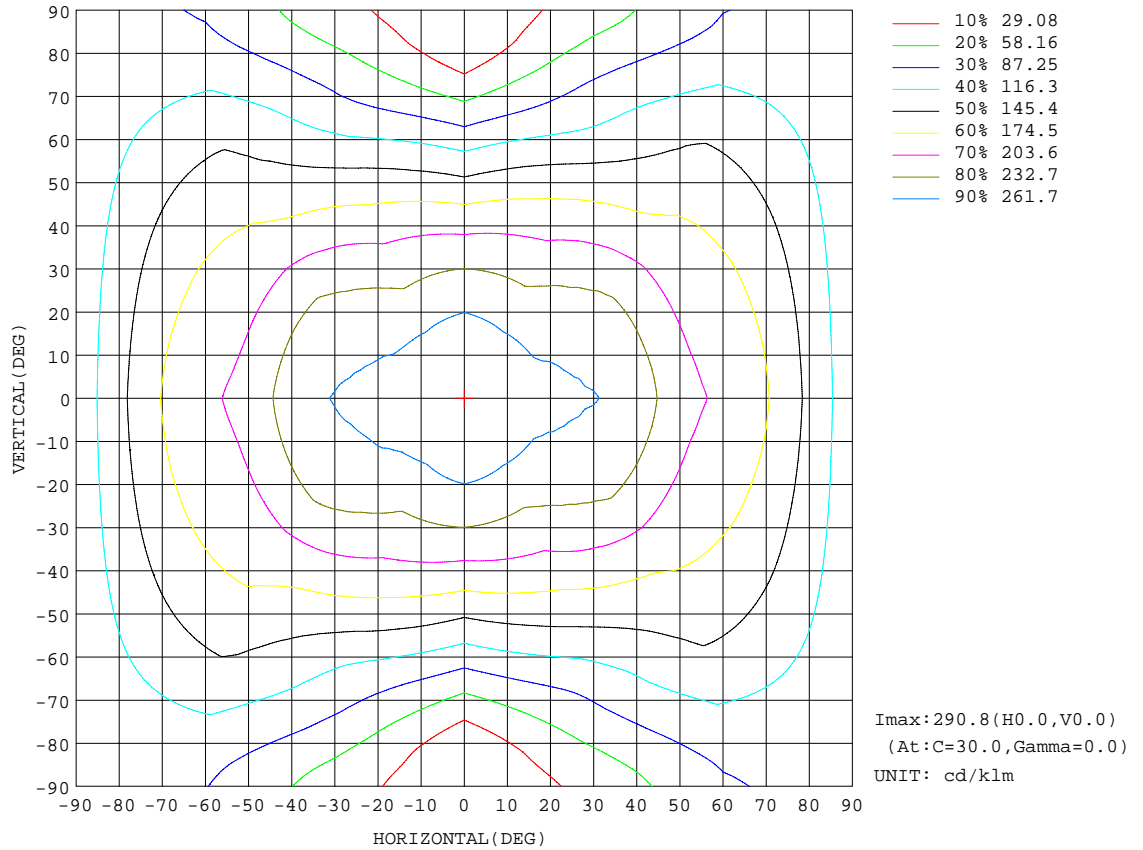
one-half-peak spread: U:51.1,D:51.6 , L:61.5,R:59.7 NEMA Beam Type: Type 7

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:袁冠彬
 Test Date:2017-09-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.25V I:0.1548A P:18.364W PF:0.9867 Freq:59.98Hz Lamp Flux:763.20lx1 lm		
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SPEC.:	DIM.:	SERIAL No.:
MFR.: LIGHTART	SUR.:0.32*0.14+3.14*0.04*0.04Shielding Angle:	

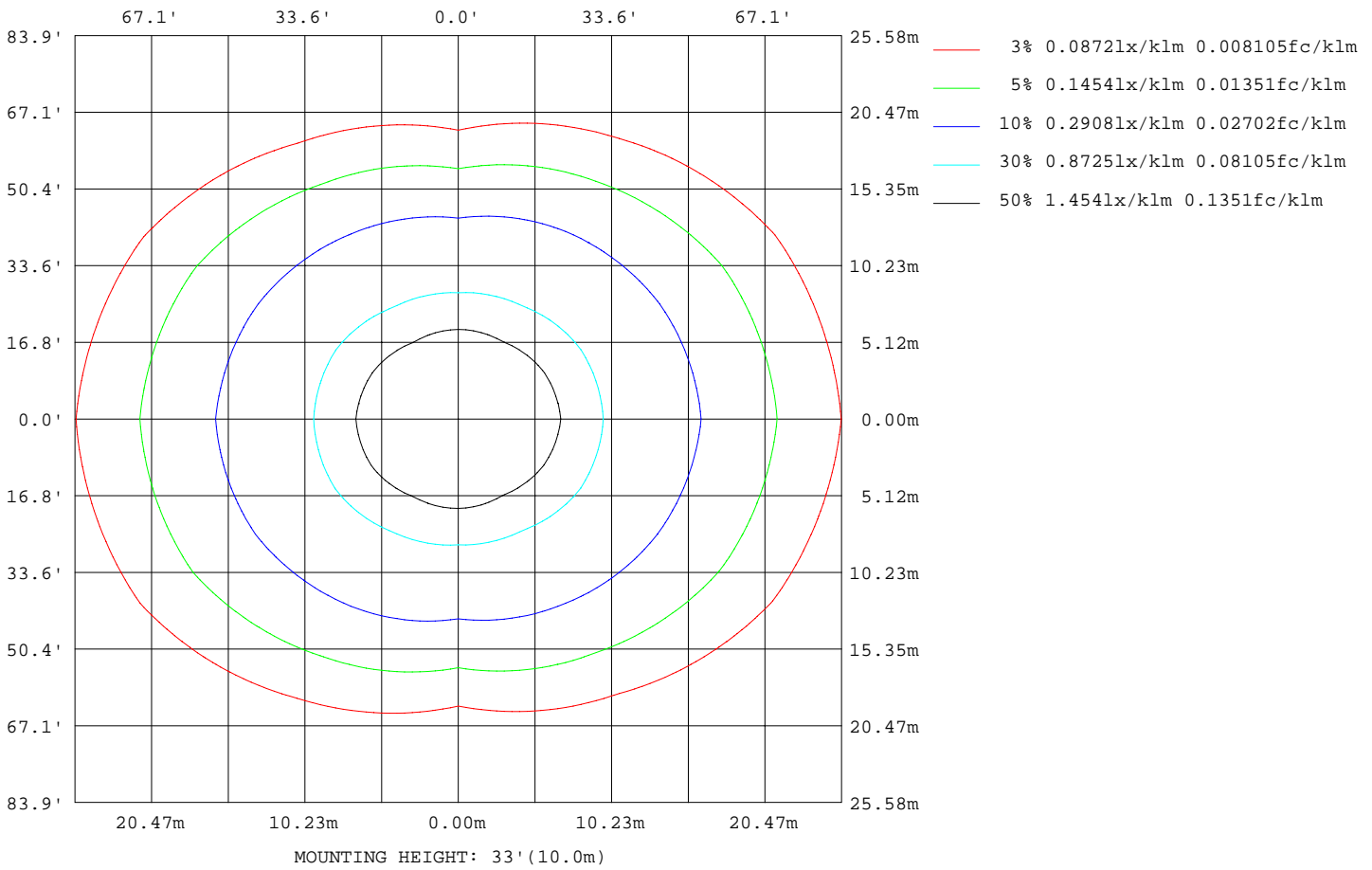


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 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 7.400m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

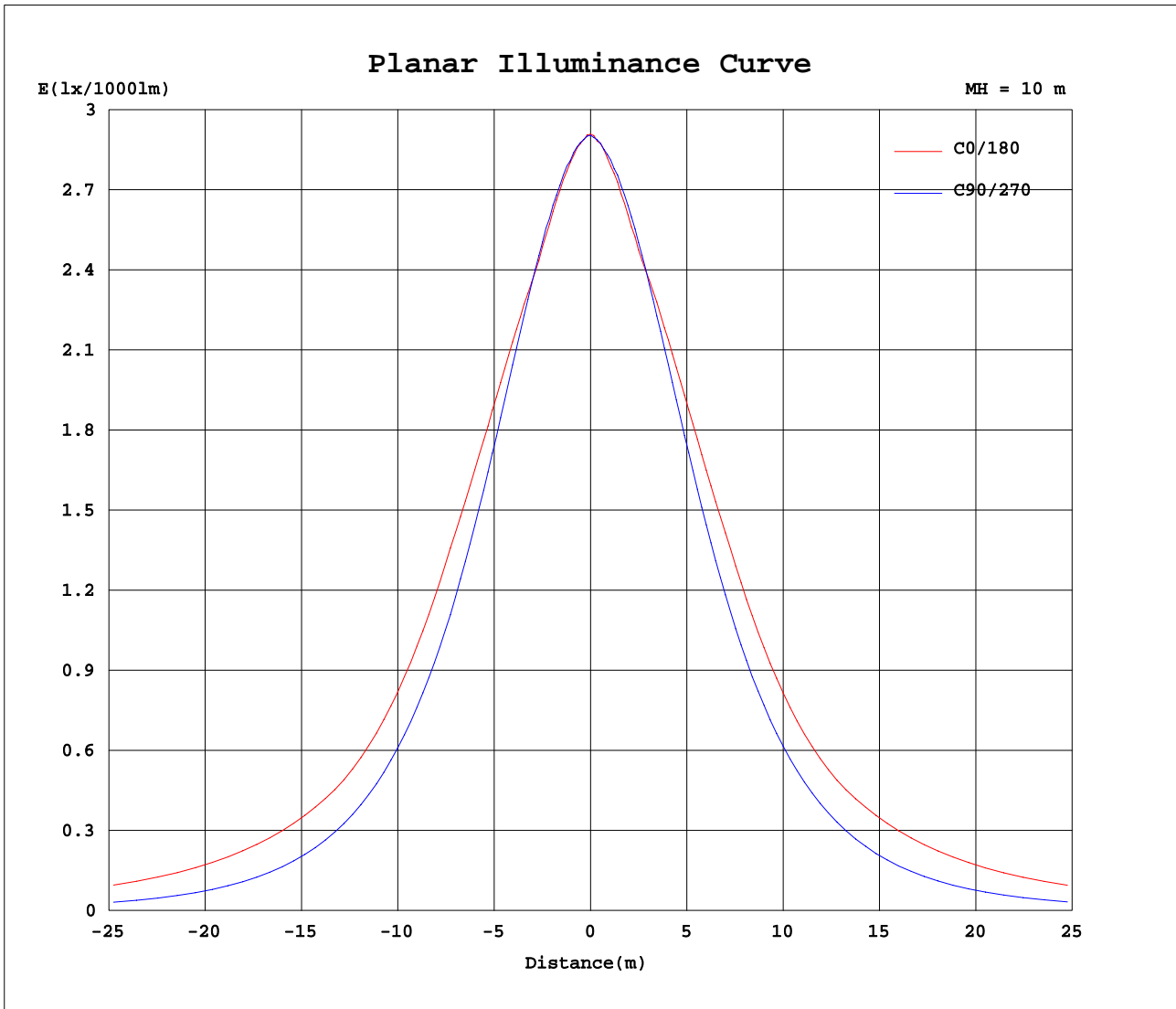
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NAME: BDWW041423LAJD2	TYPE:3500K	WEIGHT:
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MFR.: LIGHTART	SUR.:0.32*0.14+3.14*0.04*0.04Shielding Angle:	



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 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

Planar Illuminance Curve

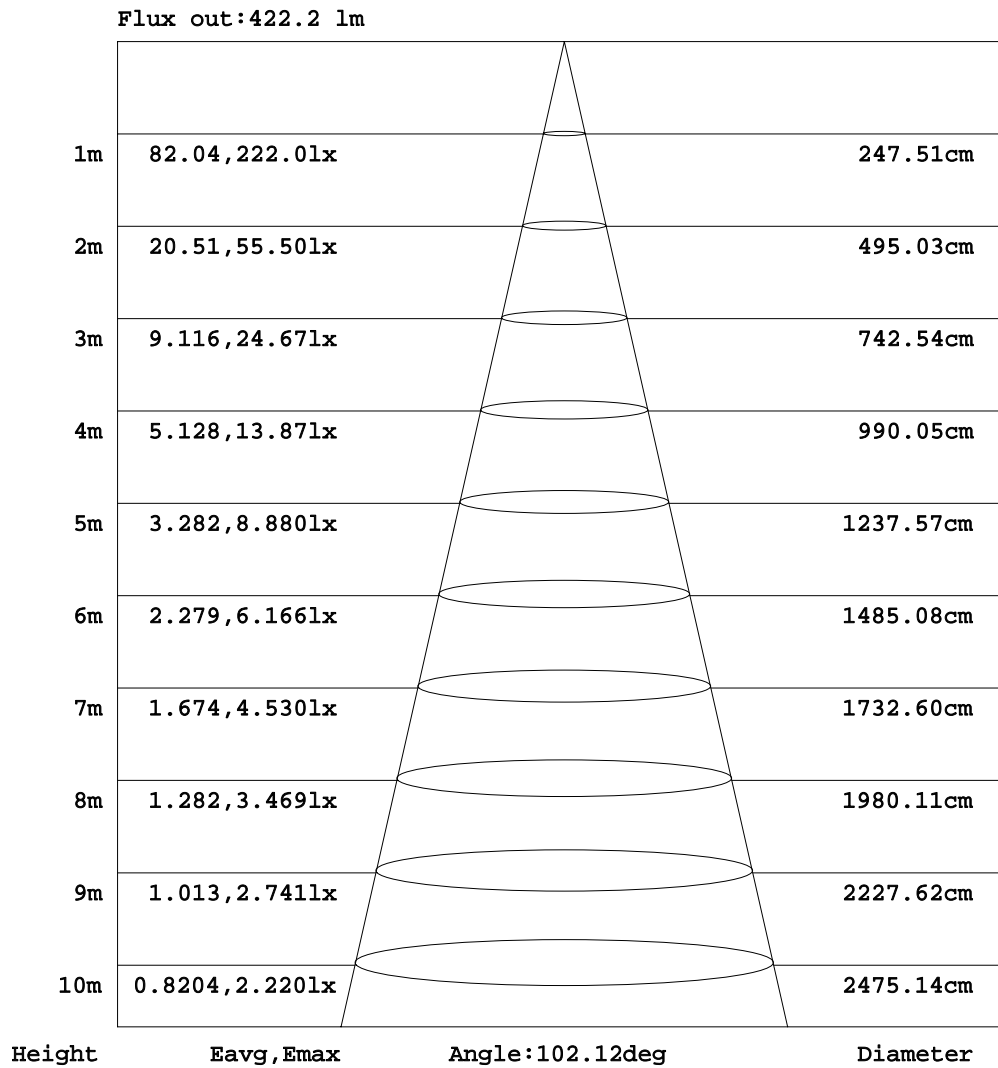


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
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γ Range: 0 - 90DEG
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AAI Figure

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SPEC.:	DIM.:	SERIAL No.:
MFR.: LIGHTART	SUR.:0.32*0.14+3.14*0.04*0.04Shielding Angle:	



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

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 C Interval: 30.0DEG
 Test Speed: HIGH
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LUMINOUS DISTRIBUTION INTENSITY DATA

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MFR.: LIGHTART	SUR.:0.32*0.14+3.14*0.04*0.04Shielding Angle:	

Table--1

UNIT: cd/klm

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	102	99.3	97.1	94.9	92.6	90.4	88.2	80.7	73.3	65.8	58.4	50.9	43.5	37.0	30.4	23.9	17.3	10.8	4.22
-85	102	100	99.2	97.9	96.7	95.4	94.2	87.8	81.3	74.7	67.9	61.0	53.9	46.2	38.2	30.0	21.7	13.2	4.63
-80	102	101	101	101	102	102	103	98.3	92.9	87.2	81.2	74.9	68.3	59.5	50.2	40.5	30.6	20.4	9.88
-75	102	103	104	106	108	111	113	110	106	101	95.4	89.4	82.7	74.4	65.6	56.6	47.3	37.6	27.5
-70	102	104	106	111	115	119	122	122	118	114	109	103	96.6	89.3	82.0	74.6	66.9	58.8	50.1
-65	102	105	110	116	122	127	132	133	131	127	122	116	110	104	99.0	93.9	88.3	82.0	74.8
-60	102	106	113	121	128	135	141	145	142	138	134	130	125	122	119	116	112	107	100
-55	102	107	116	126	134	143	150	155	153	150	147	145	143	142	141	139	136	131	125
-50	102	108	119	130	140	150	157	162	163	161	160	160	160	161	162	160	158	154	149
-45	102	110	122	134	146	156	164	169	172	172	172	174	177	178	179	179	178	176	173
-40	102	111	125	138	151	162	169	175	179	181	183	188	192	194	194	196	197	196	194
-35	102	112	127	142	156	167	174	180	185	189	196	202	207	210	210	211	213	214	214
-30	102	113	130	146	160	171	179	185	190	197	208	216	222	224	224	224	228	231	233
-25	102	114	132	149	164	175	183	190	196	206	219	229	234	236	237	236	240	245	248
-20	102	115	134	151	168	178	187	194	200	213	227	239	245	246	247	247	251	257	261
-15	102	116	135	154	170	181	190	197	205	220	234	245	251	255	256	258	261	268	272
-10	102	116	136	155	173	184	193	200	209	225	239	250	256	259	263	264	270	276	281
-5	102	117	137	157	174	186	196	203	213	228	243	254	260	263	266	268	275	282	287
0	102	117	138	158	176	188	198	205	215	230	246	257	263	266	269	270	277	285	291
5	102	116	137	157	174	186	195	203	212	228	243	254	259	263	265	267	274	282	287
10	102	116	136	155	172	183	192	199	209	224	238	249	254	258	261	263	269	275	281
15	102	115	135	153	169	180	189	196	204	218	232	243	248	253	254	257	261	268	272
20	102	115	133	151	166	177	185	192	199	212	225	236	242	244	245	247	250	257	262
25	102	114	131	148	163	173	181	187	193	204	216	227	231	233	234	234	239	245	248
30	102	113	129	145	159	169	177	182	187	195	206	213	219	221	221	222	227	231	233
35	102	112	126	141	154	165	172	177	181	186	193	199	204	206	206	209	213	215	215
40	102	110	124	137	149	159	166	171	175	176	180	185	188	190	190	193	196	196	195
45	102	109	121	133	144	153	160	165	168	167	168	170	173	174	175	176	177	176	174
50	102	108	118	128	138	147	153	158	158	157	156	156	157	157	158	158	157	155	151
55	102	107	115	124	132	140	146	150	148	145	143	141	140	139	139	138	135	132	128
60	102	105	111	119	126	132	137	140	137	133	129	125	121	119	117	115	112	108	102
65	102	104	108	114	119	124	128	129	126	121	116	110	104	99.3	96.2	92.6	88.2	83.1	77.1
70	102	103	105	109	112	116	118	117	113	109	103	96.9	89.7	83.5	77.8	72.1	66.0	59.5	52.4
75	102	102	102	104	105	107	109	105	101	95.7	89.8	83.3	76.3	69.2	61.9	54.4	46.5	38.4	29.8
80	102	101	100.0	99.4	99.2	99.0	98.8	94.0	88.4	82.5	76.1	69.5	62.6	54.9	46.9	38.5	29.9	21.1	12.0
85	102	99.7	97.8	95.9	94.0	92.1	90.3	83.7	76.9	70.0	63.0	55.8	48.5	41.9	35.0	27.9	20.7	13.3	5.87
90	102	98.7	95.8	93.0	90.1	87.2	84.4	76.7	69.0	61.3	53.6	45.9	38.2	32.7	27.3	21.8	16.4	10.9	5.43

C Range: 0 - 360DEG
 C Interval: 30.0DEG
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 Temperature:25DEG
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 Test Date:2017-09-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPEC.:	DIM.:	SERIAL No.:
MFR.: LIGHTART	SUR.:0.32*0.14+3.14*0.04*0.04Shielding Angle:	

Table--2

UNIT: cd/klm

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	9.73	15.3	20.8	26.3	31.8	37.3	45.0	52.7	60.5	68.2	75.9	83.6	86.6	89.6	92.6	95.6	98.6	102
-85	12.1	19.4	26.7	33.8	40.6	47.3	54.7	61.9	69.1	76.0	82.9	89.6	91.5	93.6	95.7	97.7	99.7	102
-80	19.1	28.0	36.7	45.2	53.3	61.1	68.1	74.9	81.3	87.5	93.3	98.5	98.8	99.0	99.3	99.9	101	102
-75	36.3	44.6	52.5	60.2	67.7	75.0	82.1	88.6	94.6	99.9	105	108	107	106	104	102	102	102
-70	57.3	63.9	70.2	76.1	82.1	88.5	95.7	102	108	112	116	118	115	112	109	106	103	102
-65	81.0	86.3	90.8	94.7	98.1	103	109	115	121	125	128	127	123	119	114	109	104	102
-60	106	110	113	116	117	120	124	128	132	136	140	137	132	126	119	112	106	102
-55	130	134	136	137	138	138	140	142	144	147	150	146	139	132	124	115	107	102
-50	153	155	156	156	156	156	155	155	156	157	157	153	147	138	129	119	108	102
-45	175	175	175	173	172	172	169	167	166	166	164	160	154	144	133	122	110	102
-40	195	194	192	189	189	187	184	179	175	174	170	166	159	149	137	125	111	102
-35	213	211	207	205	205	203	199	193	186	180	176	171	165	155	141	127	112	102
-30	230	225	220	220	220	218	213	206	195	186	182	176	169	159	145	130	114	102
-25	245	239	233	232	232	230	227	217	204	193	187	181	174	163	148	132	115	102
-20	258	251	247	244	242	241	236	226	212	199	191	185	177	167	151	134	116	102
-15	268	262	257	253	251	248	243	233	219	205	196	189	181	170	154	136	116	102
-10	277	270	262	260	257	254	249	239	225	210	199	193	184	173	156	137	117	102
-5	283	275	268	264	262	259	254	243	229	213	203	196	186	175	157	138	117	102
0	286	279	270	268	266	263	258	247	232	216	205	198	188	177	159	139	118	102
5	283	275	267	264	262	259	254	244	229	214	203	196	187	176	157	138	117	102
10	276	270	262	260	258	254	250	239	225	210	200	193	184	173	156	137	117	102
15	268	262	257	254	252	249	244	234	220	205	197	190	182	171	154	136	116	102
20	258	251	247	245	244	242	237	226	213	200	193	187	179	168	152	134	116	102
25	245	240	235	235	234	233	228	218	206	195	189	183	175	164	149	132	115	102
30	231	228	224	223	222	220	215	207	197	189	184	179	171	160	146	130	114	102
35	215	214	211	208	208	206	201	195	188	183	179	174	167	156	142	128	113	102
40	197	197	196	194	193	191	188	183	179	177	174	168	162	151	139	125	111	102
45	177	179	179	178	178	176	174	171	170	171	168	163	156	146	134	123	110	102
50	156	159	161	162	162	161	160	159	160	161	161	156	149	140	130	120	109	102
55	133	137	140	142	143	144	145	147	149	152	153	149	142	134	125	116	107	102
60	109	114	118	121	123	126	130	134	138	142	143	140	134	128	121	113	106	102
65	84.1	90.2	95.7	101	105	111	116	122	127	130	132	131	126	121	116	110	105	102
70	60.9	68.8	76.4	83.6	90.7	97.7	104	109	114	118	120	121	118	115	110	107	103	102
75	39.8	49.3	58.5	67.4	76.1	84.3	90.3	95.9	101	105	109	111	110	108	105	103	102	102
80	22.4	32.5	42.3	51.9	61.2	69.9	75.9	81.8	87.3	92.5	97.4	102	101	101	101	101	101	102
85	14.5	23.0	31.4	39.7	47.7	55.4	62.0	68.3	74.6	80.7	86.7	92.5	93.9	95.5	97.1	98.7	100	102
90	12.0	18.5	25.0	31.6	38.1	44.6	51.6	58.6	65.5	72.5	79.4	86.4	88.9	91.5	94.0	96.5	99.1	102

C Range: 0 - 360DEG
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γ Range: 0 - 90DEG
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