

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

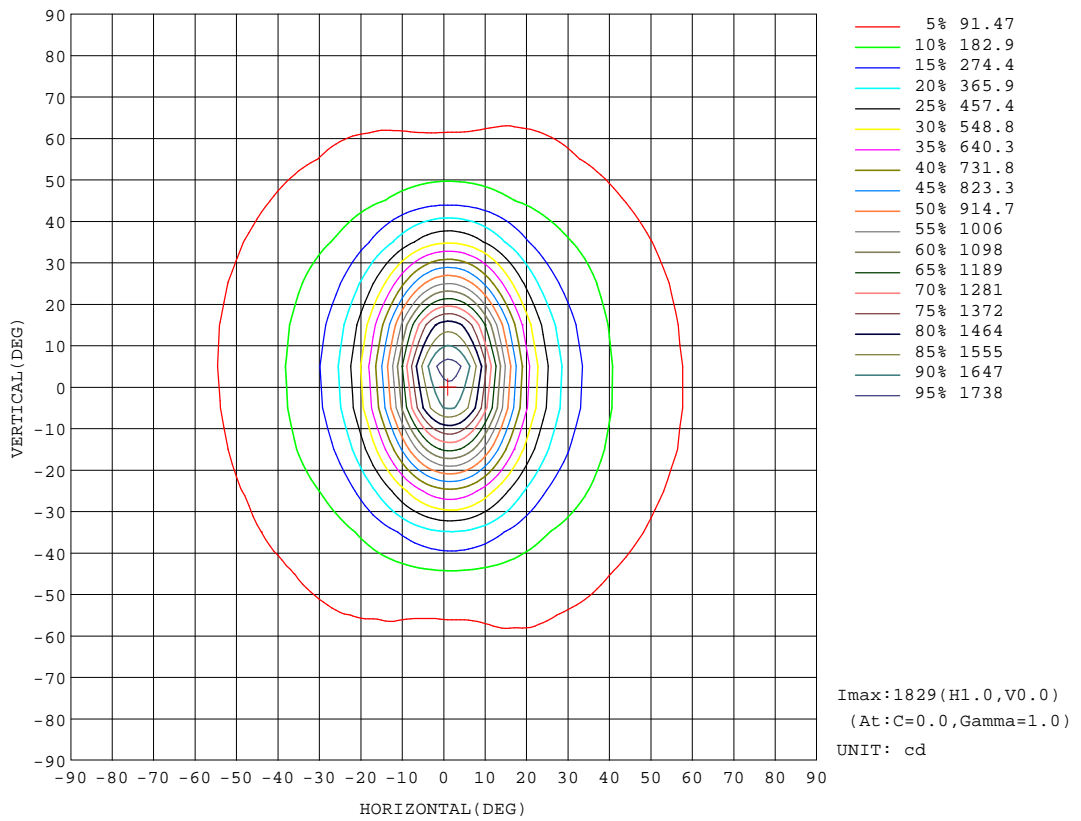
Maximum Intensity (Luminaire orientation as tested.)		1380.4 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	91.4V x 79.2H 47.0V x 30.3H 17.6V x 11.5H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	996.7 lumens per klm. 735.7 lumens per klm. 333.9 lumens per klm. 60.5 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:23.5DEG
Operators:QC1
Test Date:2020-08-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:34%
Test Distance:8.300m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:1.185A P:28.43W PF:1.000 Lamp Flux:1325.31x1 lm		
NAME: 8.02.003.0224 LLS-W40A-24P-DMX-TECH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20080030
MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

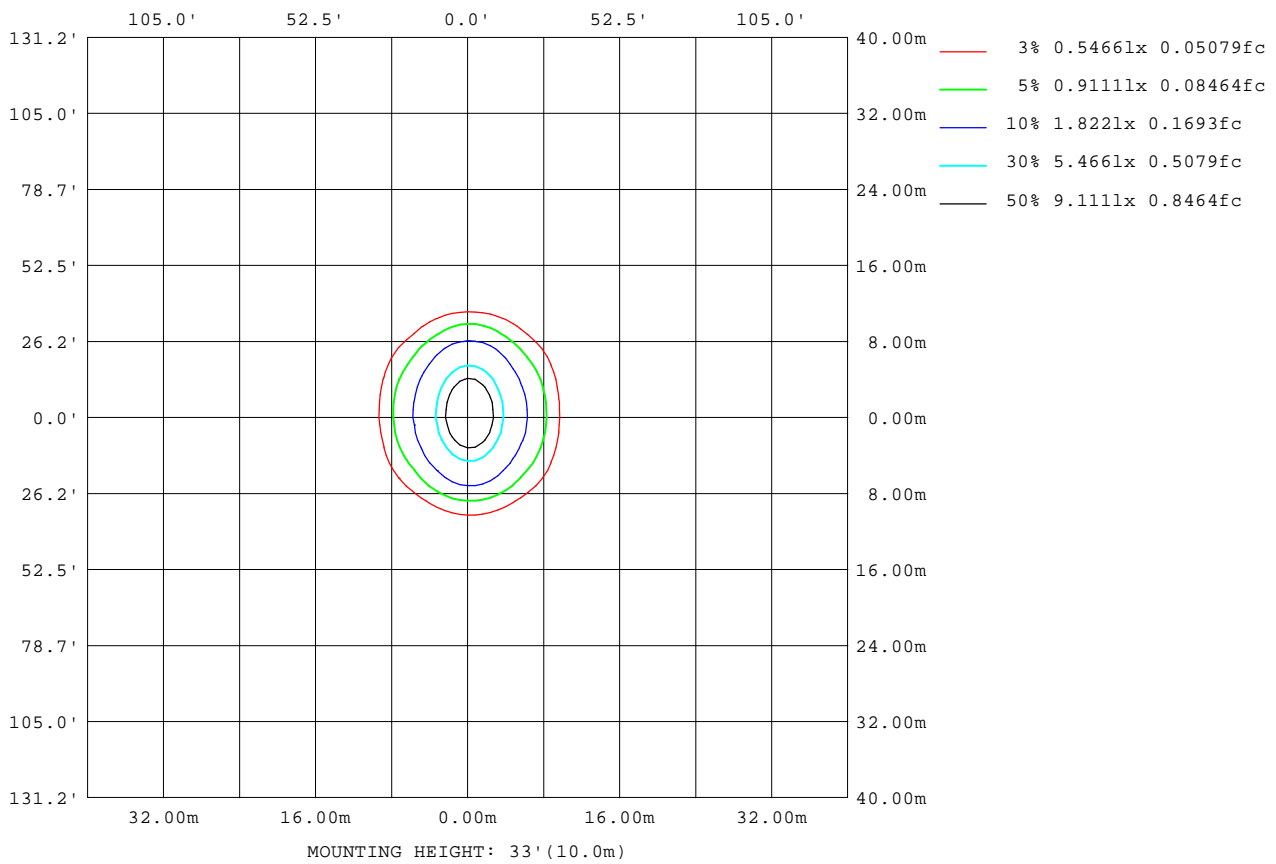


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:23.5DEG
 Operators:QC1
 Test Date:2020-08-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:34%
 Test Distance:8.300m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:1.185A P:28.43W PF:1.000 Lamp Flux:1325.31x1 lm		
NAME: 8.02.003.0224 LLS-W40A-24P-DMX-TECH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20080030
MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:



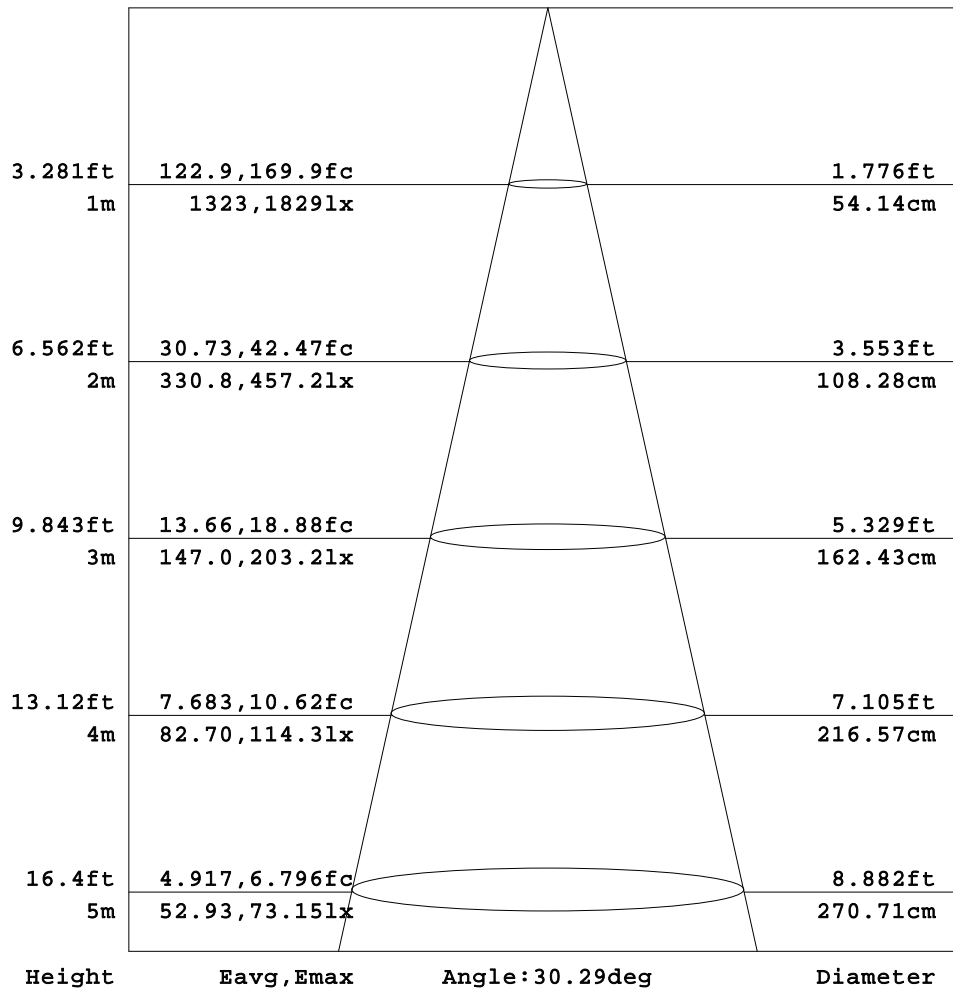
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:23.5DEG
 Operators:QC1
 Test Date:2020-08-22

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
 Humidity:34%
 Test Distance:8.300m [K=1.0000]
 Remarks:

AAI Figure

Test:U:24.00V I:1.185A P:28.43W PF:1.000 Lamp Flux:1325.31x1 lm		
NAME: 8.02.003.0224 LLS-W40A-24P-DMX-TECH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20080030
MFR.: 中山市泰然光电科技有限公司	SUR.:	PROTECTION ANGLE:

Flux out:319.7 lm

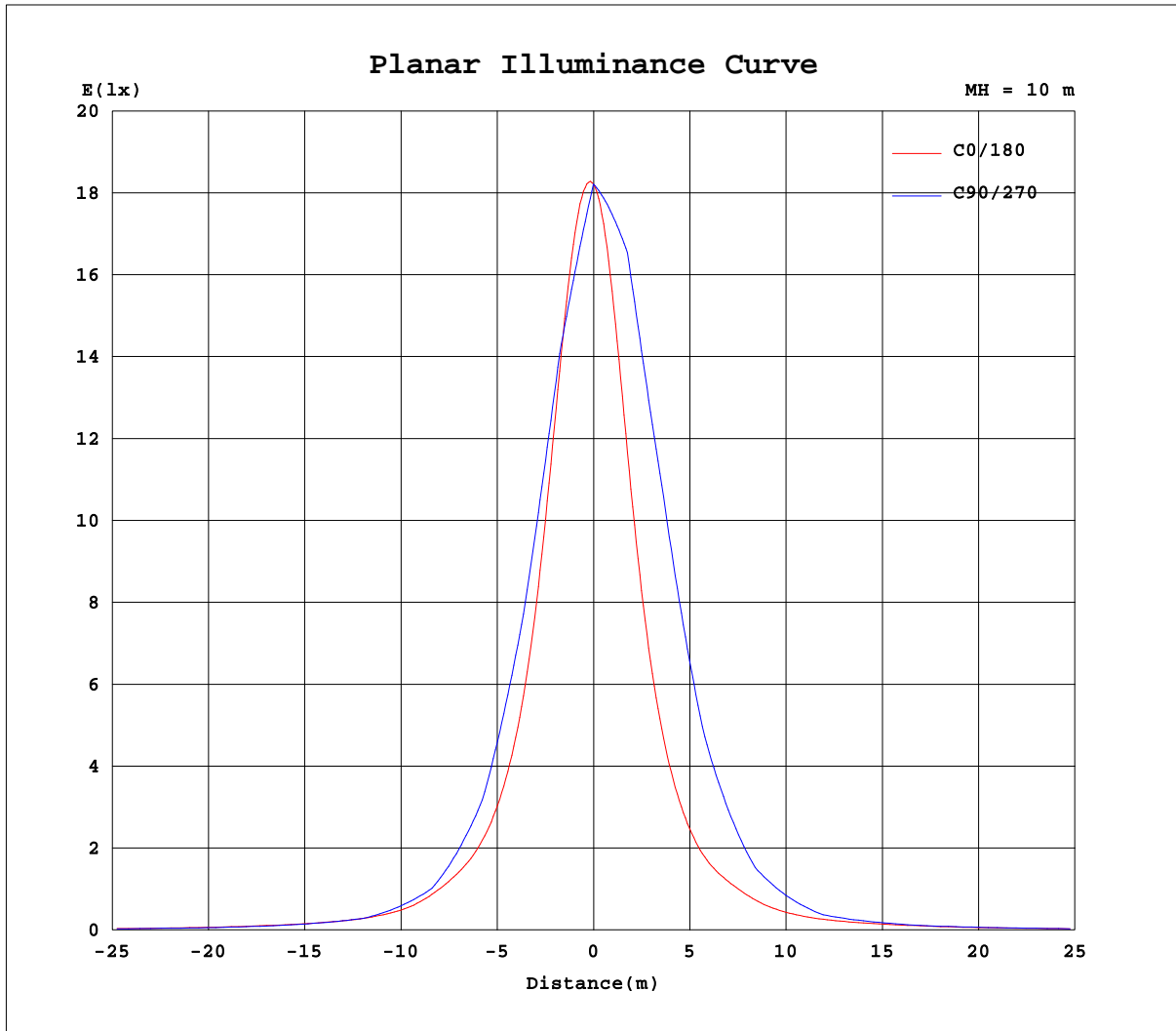


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:23.5DEG
Operators:QC1
Test Date:2020-08-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:34%
Test Distance:8.300m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:23.5DEG
Operators:QC1
Test Date:2020-08-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:34%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:1.185A P:28.43W PF:1.000 Lamp Flux:1325.31x1 lm		
NAME: 8.02.003.0224 LLS-W40A-24P-DMX-TECH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20080030
MFR.: 中山市泰然光电科技有限公司	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	35.9	29.7	32.0	32.6	30.8	28.0	31.6	39.9	48.0	53.8	59.1	60.3	61.4	59.6	58.4	59.3	53.9	40.8	31.8
-75	34.3	29.6	33.7	32.5	31.5	29.3	34.8	41.6	49.3	54.7	59.3	60.9	62.3	63.9	64.6	66.7	63.0	52.9	46.9
-70	32.7	29.5	35.3	32.3	32.3	30.6	37.9	43.4	50.5	55.5	59.4	61.5	63.2	68.2	70.7	74.2	72.2	64.9	62.0
-65	32.2	31.6	34.3	31.9	32.8	32.6	40.8	46.7	53.9	58.2	62.2	65.5	68.0	72.5	76.3	77.5	76.1	71.4	69.9
-60	31.7	33.6	33.2	31.5	33.3	34.6	43.7	50.1	57.3	60.8	65.0	69.6	72.9	76.8	81.9	80.9	79.9	77.8	77.8
-55	29.8	33.5	31.1	32.8	32.8	37.7	47.0	55.0	61.3	65.1	70.2	75.4	81.6	89.6	92.7	93.5	93.5	93.4	94.0
-50	27.9	33.4	29.1	34.2	32.4	40.7	50.4	59.9	65.3	69.4	75.4	81.2	90.3	102	103	106	107	109	110
-45	27.0	31.5	30.3	32.7	36.1	45.7	56.6	64.7	70.8	76.4	83.4	94.2	107	118	127	138	150	162	169
-40	26.1	29.6	31.6	31.2	39.8	50.8	62.8	69.6	76.3	83.4	91.5	107	124	134	150	170	194	215	228
-35	25.2	28.0	28.7	32.9	44.0	56.9	67.4	74.4	81.0	89.3	102	122	143	161	193	235	286	332	359
-30	24.4	26.5	25.8	34.7	48.1	63.0	72.1	79.1	85.6	95.2	112	137	161	188	236	301	378	449	491
-25	24.1	24.7	28.8	40.0	56.9	66.3	74.4	82.1	89.4	102	124	155	183	226	298	399	523	643	711
-20	23.8	22.9	31.7	45.3	65.7	69.6	76.7	85.0	93.2	109	135	173	206	263	361	497	669	838	930
-15	17.7	24.2	42.3	51.7	66.6	71.2	78.4	86.8	95.5	113	144	187	228	301	423	601	835	1072	1202
-10	11.6	25.6	52.8	58.1	67.5	72.8	80.1	88.6	97.8	118	153	201	250	339	485	705	1001	1306	1474
-5	12.0	35.3	53.0	58.6	68.0	73.4	81.1	89.7	99.4	121	159	209	262	362	525	772	1111	1462	1648
0	12.4	45.0	53.2	59.1	68.6	74.0	82.1	90.7	101	124	165	216	275	386	564	839	1222	1618	1822
5	24.8	44.7	53.2	59.2	68.6	73.9	82.0	90.7	101	123	164	215	272	379	552	819	1190	1575	1777
10	37.2	44.4	53.3	59.3	68.6	73.8	81.8	90.8	101	122	162	213	269	371	540	798	1158	1533	1732
15	37.5	44.3	52.8	59.1	68.4	73.6	81.0	89.9	99.5	119	155	203	253	343	492	716	1023	1338	1503
20	37.8	44.2	52.3	58.9	68.2	73.4	80.2	89.1	98.4	117	148	193	236	315	444	635	889	1143	1275
25	37.9	44.0	51.1	57.5	67.1	72.4	78.1	86.6	95.4	110	137	176	214	273	374	521	713	902	1001
30	38.0	43.9	49.9	56.1	66.0	71.3	76.0	84.2	92.4	104	126	159	191	231	303	407	537	662	728
35	37.5	43.6	49.0	53.4	62.8	69.5	73.7	80.8	88.4	98.7	116	143	169	197	248	319	407	491	534
40	37.1	43.4	48.2	50.6	59.6	67.7	71.4	77.4	84.5	93.0	106	126	148	164	192	231	276	320	341
45	36.8	42.9	47.5	49.8	56.0	64.4	69.4	73.4	78.9	85.8	95.5	109	127	141	157	179	205	229	242
50	36.5	42.5	46.8	49.0	52.3	61.1	67.4	69.3	73.4	78.7	85.1	93.2	105	118	122	128	133	139	142
55	36.6	42.5	46.4	48.9	51.3	57.7	63.6	67.0	69.7	73.3	78.2	84.2	92.2	101	106	109	111	113	115
60	36.6	42.5	46.0	48.7	50.3	54.4	59.7	64.7	66.1	68.0	71.3	75.3	79.1	84.7	89.7	89.8	88.7	88.0	88.1
65	36.3	41.8	44.8	47.1	48.9	53.0	57.8	61.7	63.7	66.1	67.8	70.2	73.8	78.2	82.0	83.8	82.3	79.0	78.3
70	36.0	41.1	43.5	45.5	47.6	51.7	56.0	58.7	61.2	64.2	64.3	65.1	68.5	71.7	74.3	77.8	75.8	70.0	68.4
75	35.9	40.6	42.5	44.1	45.6	48.3	53.3	57.4	59.9	61.4	61.5	63.6	66.5	68.0	71.0	73.9	68.5	59.1	54.8
80	35.7	40.2	41.5	42.7	43.5	44.8	50.7	56.2	58.6	58.7	58.7	62.0	64.6	64.3	67.7	70.1	61.1	48.2	41.1
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:23.5DEG
Operators:QC1
Test Date:2020-08-22

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:34%
Test Distance:8.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:1.185A P:28.43W PF:1.000 Lamp Flux:1325.31x1 lm		
NAME: 8.02.003.0224 LLS-W40A-24P-DMX-TECH	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:20080030
MFR.: 中山市泰然光电科技有限公司	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	35.7	53.6	63.7	62.0	62.3	64.5	65.0	62.9	60.6	55.1	44.6	41.1	39.6	35.6	35.7	33.6	33.8	33.2
-75	50.0	63.3	69.8	66.8	66.1	65.6	64.5	62.8	61.8	58.7	49.3	44.8	44.2	41.3	38.4	35.9	33.9	33.7
-70	64.3	73.0	75.8	71.5	70.0	66.7	63.9	62.8	63.0	62.4	53.9	48.6	48.9	47.0	41.1	38.2	34.1	34.1
-65	71.2	76.9	79.9	78.2	74.8	71.1	67.8	65.5	64.6	63.8	56.9	50.1	48.9	48.3	44.2	39.3	36.3	34.2
-60	78.0	80.9	84.1	84.9	79.5	75.4	71.7	68.3	66.2	65.2	59.8	51.6	49.0	49.6	47.3	40.5	38.6	34.2
-55	94.2	95.2	96.9	97.4	94.1	87.3	80.7	75.3	70.9	68.6	64.2	55.2	50.4	50.3	47.6	41.1	38.5	33.7
-50	110	110	110	110	109	99.1	89.6	82.3	75.6	72.1	68.6	58.9	51.8	51.1	48.0	41.7	38.4	33.2
-45	168	160	149	139	129	119	105	92.2	82.9	77.2	73.0	65.4	56.1	51.4	47.7	43.4	37.8	33.7
-40	226	211	189	168	150	139	120	102	90.2	82.3	77.3	71.9	60.4	51.7	47.5	45.0	37.2	34.2
-35	354	319	270	222	186	163	141	116	98.9	88.1	81.4	74.8	66.3	55.4	46.7	43.2	37.5	33.5
-30	482	427	351	277	222	188	162	129	108	93.9	85.5	77.6	72.2	59.2	46.0	41.4	37.8	32.7
-25	693	599	471	355	271	218	182	143	114	98.0	88.6	80.3	73.8	64.9	53.0	40.9	34.4	30.3
-20	904	770	591	434	320	247	202	156	121	102	91.7	82.9	75.4	70.6	60.0	40.4	31.0	27.8
-15	1166	980	733	521	373	279	222	170	128	106	93.8	84.9	76.5	71.3	62.6	49.0	33.3	20.0
-10	1428	1190	875	609	427	312	241	185	136	109	95.9	86.9	77.6	72.0	65.2	57.7	35.7	12.1
-5	1589	1310	947	649	450	325	250	190	137	110	96.3	87.0	77.6	71.9	65.1	57.5	42.0	20.9
0	1750	1430	1019	690	473	338	259	195	139	111	96.6	87.2	77.6	71.7	64.9	57.3	48.4	29.7
5	1709	1398	999	678	466	334	255	193	139	110	96.4	86.8	77.3	71.5	64.7	57.2	48.4	34.1
10	1667	1366	979	666	459	330	252	190	138	110	96.2	86.5	77.0	71.3	64.6	57.1	48.4	38.5
15	1445	1189	861	594	415	305	237	179	132	107	94.5	84.7	76.0	70.6	64.0	56.7	48.1	38.6
20	1223	1011	743	521	372	279	222	168	126	104	92.9	83.0	74.9	69.9	63.4	56.2	47.8	38.7
25	963	807	606	437	320	248	201	154	120	101	90.4	81.0	73.9	68.9	62.7	55.9	47.8	38.7
30	704	603	469	352	268	217	180	140	113	97.2	87.9	79.1	72.8	67.9	62.1	55.5	47.7	38.7
35	518	451	361	282	224	189	158	125	105	92.0	84.0	76.3	71.3	66.6	60.9	54.8	47.1	38.9
40	333	298	253	212	181	160	135	111	96.4	86.8	80.1	73.5	69.7	65.3	59.8	54.0	46.5	39.1
45	237	218	193	170	152	136	116	99.7	88.6	81.1	75.4	70.9	67.8	63.6	58.7	53.0	46.3	39.2
50	141	137	132	129	124	112	98.2	88.4	80.8	75.4	70.7	68.3	65.8	61.9	57.5	52.1	46.1	39.4
55	115	114	113	111	106	97.1	87.3	79.8	74.4	70.7	67.8	65.6	63.1	59.9	56.2	50.9	45.5	39.4
60	88.3	90.0	93.3	94.0	88.4	81.9	76.4	71.2	68.0	66.0	64.8	63.0	60.4	57.8	54.8	49.6	44.8	39.4
65	79.1	83.2	86.2	84.3	80.6	75.4	71.1	67.7	65.8	64.3	63.0	61.1	58.8	56.2	52.7	48.0	43.9	39.1
70	69.9	76.4	79.1	74.5	72.9	69.0	65.8	64.1	63.6	62.6	61.1	59.1	57.2	54.6	50.5	46.4	42.9	38.8
75	59.4	69.1	74.9	71.1	68.2	66.7	65.3	64.0	62.8	61.4	59.3	56.9	54.7	51.8	47.9	44.5	41.8	38.3
80	48.9	61.8	70.7	67.7	63.6	64.4	64.8	63.8	61.9	60.2	57.4	54.7	52.2	49.1	45.2	42.6	40.6	37.8
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:23.5DEG
Operators:QC1
Test Date:2020-08-22

V(β) Range:-80 - 80DEG
V(β) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.275
Humidity:34%
Test Distance:8.300m [K=1.0000]
Remarks: