
LED FLOODLIGHT

BLP-FL72W04 NW CRI>80



Light Output Ratio:	100.0%
Luminaire Power:	71.1 W
90% Beam Spread	37.1V x 44.7H
50% Beam Lumens	739.2 lumens per klm.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jonny
Test Date:2014-07-09

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks:

BLP-FL72W04 NW CRI>80

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	404.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	146.6V x 145.1H
	At 50% of Imax	104.6V x 107.0H
	At 90% of Imax	37.1V x 44.7H

Beam Flux	Total	999.0 lumens per klm.
	To 10% of Imax	978.8 lumens per klm.
	To 50% of Imax	739.2 lumens per klm.
	To 90% of Imax	139.2 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

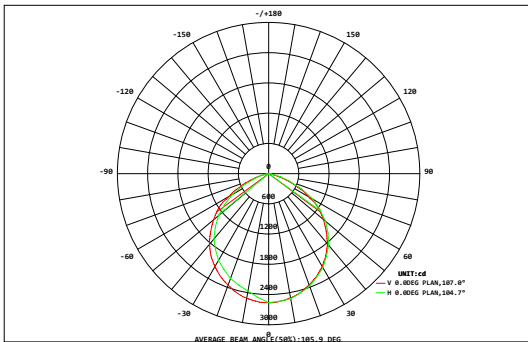
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jonny
Test Date:2014-07-09

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.5V I:0.3330A P:71.10W PF:0.9680 Lamp Flux:6328.25x1 lm		
NAME: LED FLOODLIGHT	TYPE:LED	WEIGHT:4.8Kg
DIM.: 330x250x75mm	SPEC.:NW CRI>80	SERIAL No.:
MFR.: SHENZHEN BRILLOOP LIGHTING CO., LTD	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:89.00lm/W	
MODEL BLP-FL72W04 NW CRI>80	Imax(cd)	2562	
NOMINAL POWER(W)	72	AVAILABILITY(%)	98.2
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	6216
NOMINAL FLUX(lm)	6328.25	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	6328
TEST VOLTAGE(V)	220.5	θ @50%(H,V)	107,105DEG

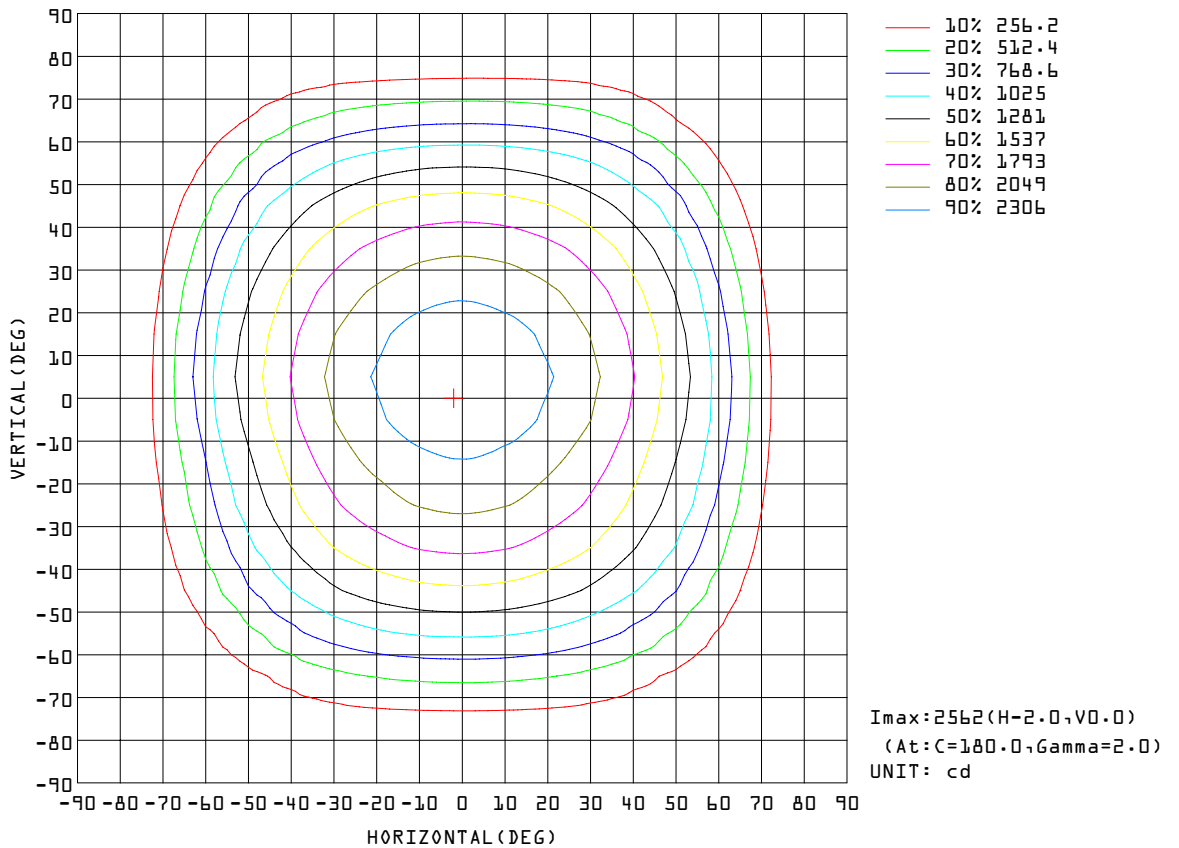
VERTICAL(DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.09	0.30	0.53	1.02	2.12	3.54	4.90	5.75	6.27	6.42	6.10	5.24	3.70	2.13	1.01	0.52	0.29	0.09	50.0	28.2
70	0.08	0.27	0.76	2.88	7.09	12.3	16.8	19.7	21.3	21.4	19.9	17.2	12.6	7.05	2.75	0.73	0.27	0.08	163	154
60	0.08	0.31	1.98	7.37	15.4	23.8	30.5	35.3	37.8	37.8	35.4	30.6	24.0	15.4	7.16	1.85	0.31	0.08	305	301
50	0.08	0.47	3.88	11.8	22.4	32.3	41.0	47.2	50.5	50.6	47.4	41.1	32.4	22.7	11.8	3.73	0.44	0.09	420	417
40	0.08	0.79	5.67	15.5	27.4	38.9	49.2	56.6	60.6	60.6	56.7	49.3	39.1	27.6	15.6	5.52	0.73	0.09	510	508
30	0.08	1.10	7.04	18.3	31.0	44.0	55.3	63.7	68.4	68.4	63.9	55.6	44.3	31.3	18.6	7.04	1.04	0.09	579	577
	0.08	1.37	8.09	20.2	33.6	47.7	59.7	68.8	74.0	73.9	68.8	59.6	47.6	33.6	20.2	8.04	1.27	0.10	627	625
	0.08	1.46	8.43	20.9	34.7	49.2	61.8	71.4	76.9	76.8	71.4	61.8	49.4	35.0	21.2	8.59	1.43	0.10	651	649
	0.08	1.48	8.17	20.4	34.0	48.2	60.4	69.9	75.1	75.0	69.7	60.3	48.1	34.0	20.6	8.35	1.39	0.10	635	634
	0.09	1.27	7.03	17.8	30.6	44.0	55.5	64.0	68.8	68.8	64.0	55.4	44.3	31.3	18.8	7.56	1.26	0.10	581	579
-30	0.09	1.08	6.21	16.3	28.4	40.9	51.6	59.2	63.6	63.5	59.1	51.3	40.7	28.7	16.9	6.50	1.03	0.10	535	533
-40	0.10	0.80	4.82	13.3	24.5	35.4	45.1	51.9	55.7	55.7	52.0	45.1	35.7	25.2	14.2	5.09	0.80	0.11	465	463
-50	0.09	0.56	3.42	9.87	19.5	28.7	36.8	42.5	45.5	45.4	42.4	36.7	28.8	20.0	10.4	3.46	0.55	0.10	375	371
-60	0.09	0.38	1.80	5.88	12.6	20.0	26.1	30.3	32.5	32.5	30.3	26.0	20.1	13.1	6.32	1.90	0.40	0.10	260	255
-70	0.08	0.33	0.79	2.43	5.65	10.0	13.7	16.1	17.4	17.4	16.1	13.7	10.0	5.74	2.52	0.79	0.34	0.09	133	120
-80	0.08	0.29	0.50	0.71	1.31	2.23	3.47	4.19	4.53	4.55	4.22	3.55	2.38	1.44	0.78	0.51	0.30	0.08	35.1	3.47
-90	0.04	0.13	0.23	0.31	0.29	0.21	0.17	0.17	0.17	0.17	0.17	0.17	0.20	0.27	0.30	0.23	0.13	0.04	3.43	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90			
Φ t	1.41	12.4	69.4	185	331	481	612	707	759	759	708	613	483	335	189	70.4	12.0	1.54	6328	---
Φ a	0.00	2.82	60.4	178	323	475	606	702	754	754	703	607	477	327	182	61.6	2.53	0.00	---	6216

one-half-peak spread: U:50.7,D:54.4 , L:51.9,R:55.8 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG V(B) Interval: 5.0DEG
Test Speed: HIGH Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.267
Temperature:25.3DEG Humidity:65.0%
Operators:Jonny Test Distance:7.300m [K=1.0000]
Test Date:2014-07-09 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.5V I:0.3330A P:71.10W PF:0.9680 Lamp Flux:6328.25x1 lm		
NAME: LED FLOODLIGHT	TYPE:LED	WEIGHT:4.8Kg
DIM.: 330x250x75mm	SPEC.:NW CRI>80	SERIAL No.:
MFR.: SHENZHEN BRILLOOP LIGHTING CO., LTD	SUR.:	PROTECTION ANGLE:

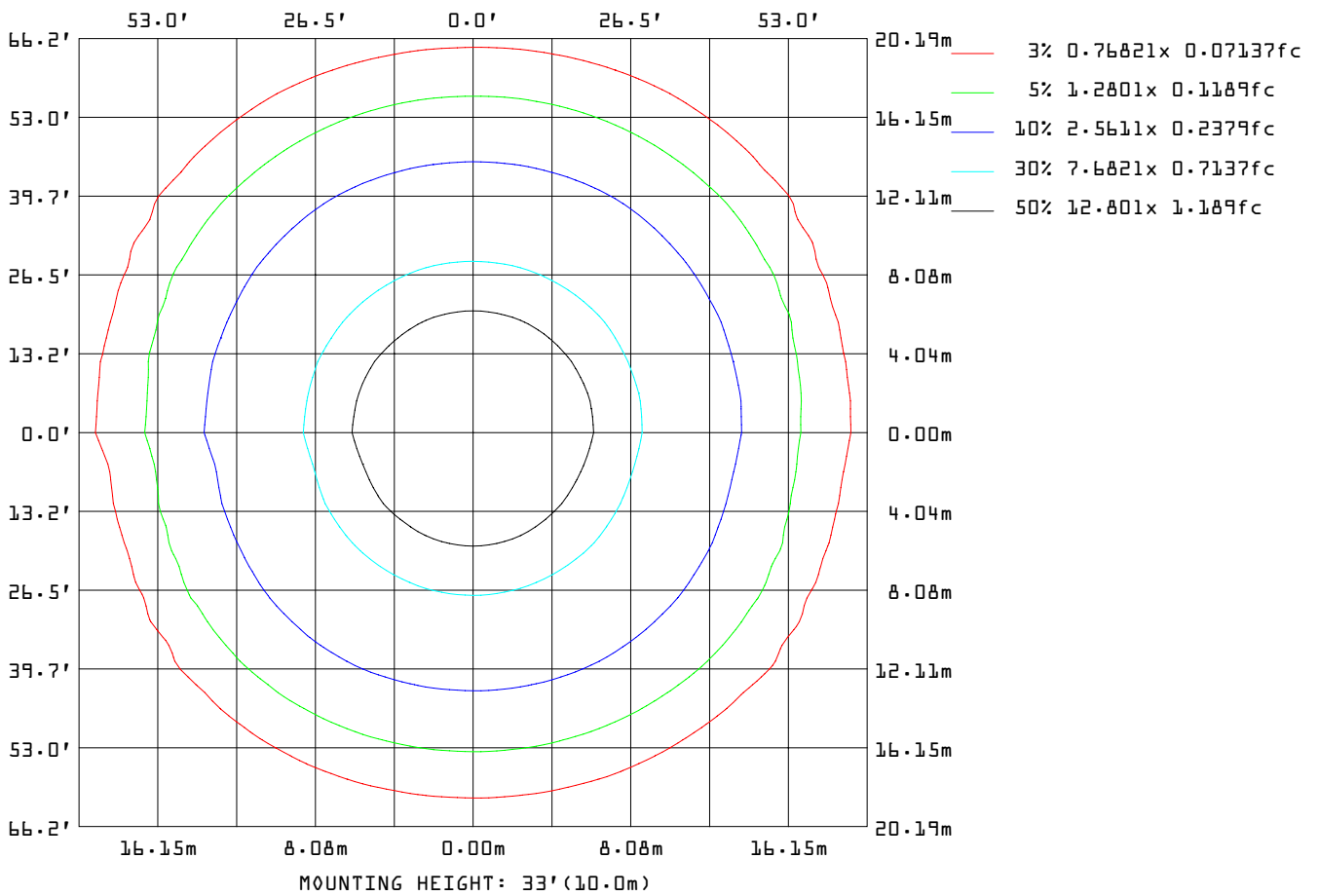


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jonny
Test Date:2014-07-09

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.5V I:0.3330A P:71.10W PF:0.9680 Lamp Flux:6328.25x1 lm		
NAME: LED FLOODLIGHT	TYPE:LED	WEIGHT:4.8Kg
DIM.: 330x250x75mm	SPEC.:NW CRI>80	SERIAL No.:
MFR.: SHENZHEN BRILLOO LIGHTING CO., LTD	SUR.:	PROTECTION ANGLE:

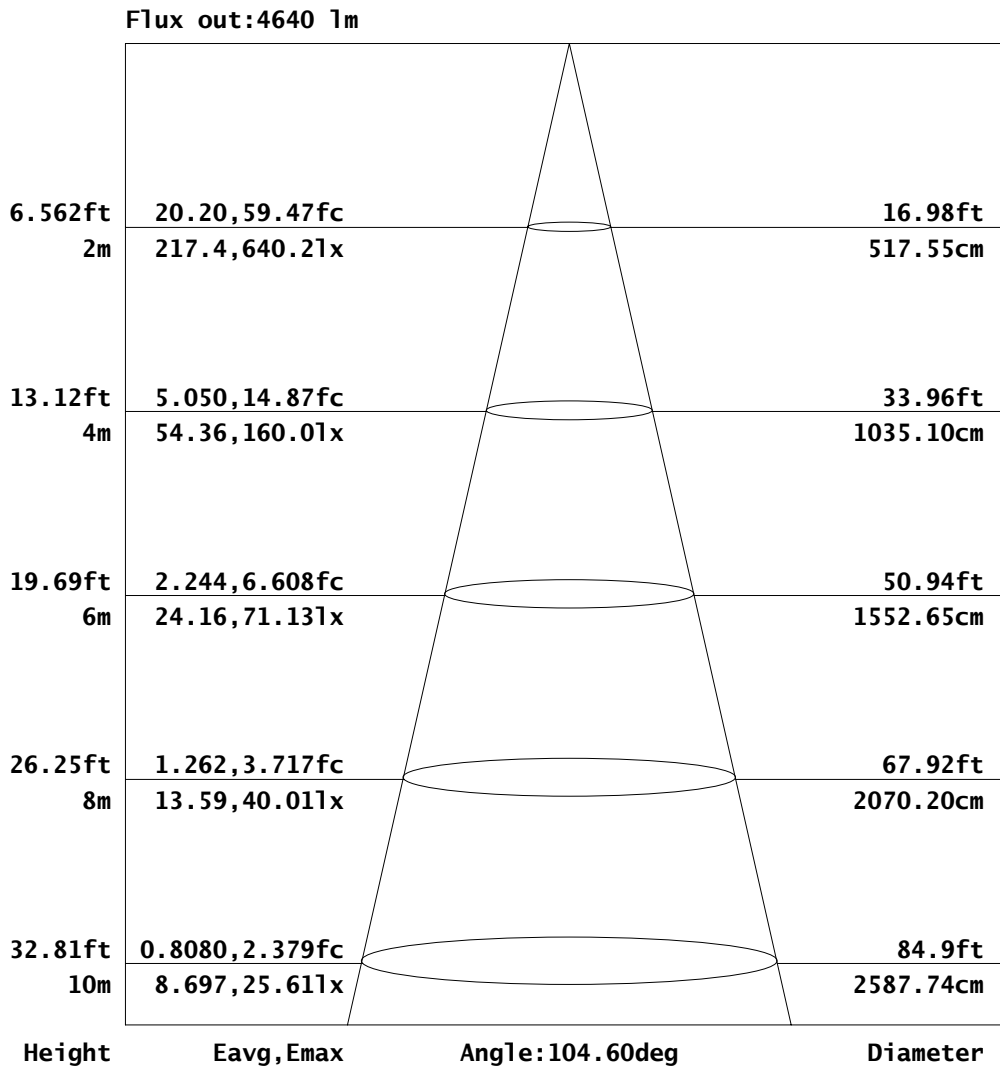


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jonny
Test Date:2014-07-09

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.5V I:0.3330A P:71.10W PF:0.9680 Lamp Flux:6328.25x1 lm		
NAME: LED FLOODLIGHT	TYPE:LED	WEIGHT:4.8Kg
DIM.: 330x250x75mm	SPEC.:NW CRI>80	SERIAL No.:
MFR.: SHENZHEN BRILLOOP LIGHTING CO., LTD	SUR.:	PROTECTION ANGLE:

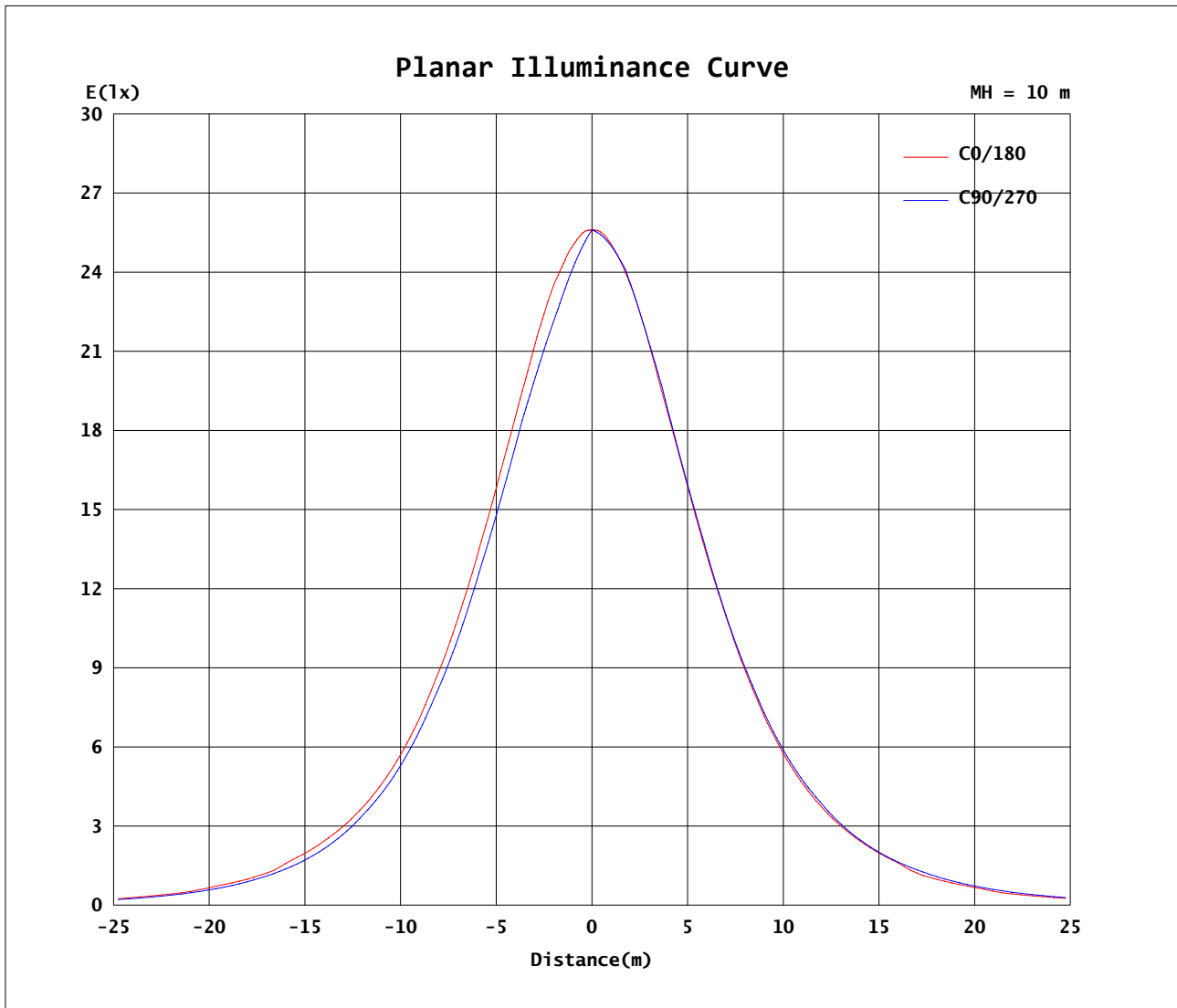


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jonny
Test Date:2014-07-09

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jonny
 Test Date:2014-07-09

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:7.300m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.5V I:0.3330A P:71.10W PF:0.9680 Lamp Flux:6328.25x1 lm		
NAME: LED FLOODLIGHT	TYPE:LED	WEIGHT:4.8Kg
DIM.: 330x250x75mm	SPEC.:NW CRI>80	SERIAL No.:
MFR.: SHENZHEN BRILLOOP LIGHTING CO., LTD	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	24.7	28.3	31.4	33.7	36.0	38.4	40.8	42.9	44.8	46.5	48.1	49.6	50.9	52.0	52.9	53.5	53.9	54.1	54.3
-75	24.7	28.5	32.8	36.5	39.7	42.9	45.9	55.6	69.7	85.4	103	121	140	159	168	175	180	183	184
-70	24.7	28.7	34.2	39.3	43.5	47.4	51.0	68.3	94.6	124	157	192	229	265	283	296	305	311	313
-65	24.8	29.2	36.3	42.2	47.2	65.9	99.0	142	205	264	326	401	451	494	522	546	560	570	572
-60	24.9	29.8	38.4	45.2	50.9	84.4	147	215	315	403	496	611	672	723	762	796	814	828	832
-55	25.1	30.2	39.7	47.3	71.7	133	231	328	458	582	690	798	876	936	985	1022	1048	1063	1068
-50	25.3	30.6	41.0	49.3	92.4	182	314	440	601	762	884	986	1080	1148	1209	1248	1282	1298	1304
-45	25.5	31.3	42.0	56.1	133	254	399	555	745	899	1028	1143	1247	1325	1389	1434	1472	1490	1498
-40	25.8	32.0	43.0	62.8	175	326	483	669	888	1037	1171	1300	1415	1501	1569	1621	1662	1683	1692
-35	26.1	32.0	43.0	77.5	206	362	553	741	973	1129	1277	1416	1537	1629	1703	1761	1806	1830	1840
-30	26.4	32.0	42.9	92.1	238	399	624	814	1058	1221	1384	1532	1660	1758	1836	1901	1950	1978	1988
-25	26.6	32.0	42.4	111	264	455	681	914	1132	1304	1476	1628	1757	1861	1941	2009	2061	2091	2102
-20	26.8	32.0	41.9	131	289	511	738	1015	1205	1388	1567	1725	1855	1964	2046	2117	2171	2204	2216
-15	26.9	31.2	40.0	135	318	529	765	1044	1239	1429	1612	1775	1909	2022	2109	2188	2245	2279	2292
-10	26.9	30.4	38.0	139	348	547	791	1073	1274	1469	1658	1825	1963	2079	2173	2259	2319	2355	2369
-5	26.9	30.0	36.0	148	368	587	848	1147	1351	1549	1742	1910	2048	2167	2262	2353	2414	2452	2465
0	26.9	29.5	33.9	158	389	627	904	1222	1429	1628	1826	1995	2133	2255	2352	2447	2510	2549	2561
5	27.0	29.4	34.0	149	381	617	892	1203	1408	1605	1802	1970	2112	2233	2330	2425	2488	2528	2541
10	27.1	29.3	34.0	140	373	608	881	1184	1386	1582	1779	1945	2091	2211	2309	2402	2466	2507	2521
15	27.3	29.6	34.6	135	355	592	858	1157	1356	1547	1738	1900	2042	2154	2248	2336	2397	2435	2449
20	27.5	30.0	35.2	130	337	576	835	1130	1327	1511	1696	1854	1993	2098	2187	2270	2329	2363	2376
25	27.7	30.0	35.0	110	298	531	785	1047	1255	1431	1606	1761	1895	2000	2086	2163	2220	2252	2265
30	28.0	30.0	34.8	90.7	259	485	735	964	1183	1351	1516	1668	1797	1903	1986	2056	2112	2140	2153
35	28.3	30.0	34.6	71.6	222	426	646	869	1100	1260	1412	1554	1674	1774	1853	1916	1967	1992	2003
40	28.6	30.0	34.5	52.4	185	367	557	774	1016	1169	1307	1440	1552	1646	1720	1776	1822	1845	1854
45	28.8	29.4	34.0	44.6	137	292	463	652	864	1040	1167	1286	1391	1477	1546	1596	1637	1657	1666
50	29.0	28.9	33.5	36.8	89.8	218	370	529	711	911	1027	1133	1229	1309	1372	1416	1451	1470	1478
55	29.2	28.8	32.9	35.8	63.7	152	276	411	563	725	850	946	1028	1097	1152	1191	1221	1237	1242
60	29.3	28.6	32.3	34.9	37.5	86.0	182	293	414	540	673	758	827	885	933	966	990	1003	1006
65	29.3	28.6	30.9	33.6	35.9	61.0	110	183	267	357	453	524	587	632	667	693	712	724	727
70	29.3	28.5	29.6	32.3	34.2	36.0	38.4	72.3	120	174	233	290	346	379	402	421	434	444	448
75	29.4	28.5	29.0	30.7	32.0	33.6	35.7	53.3	77.6	106	136	164	193	210	222	232	239	245	248
80	29.5	28.4	28.3	29.2	29.8	31.2	32.9	34.3	35.6	36.9	37.9	38.9	39.9	41.1	42.4	43.8	45.1	46.8	48.7
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:Jonny
Test Date:2014-07-09

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.5V I:0.3330A P:71.10W PF:0.9680 Lamp Flux:6328.25x1 lm		
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DIM.: 330x250x75mm	SPEC.:NW CRI>80	SERIAL No.:
MFR.: SHENZHEN BRILLOOP LIGHTING CO., LTD	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	54.3	54.2	53.8	53.3	52.4	51.1	49.8	48.7	47.1	45.1	42.9	40.6	38.4	36.2	34.1	32.6	30.1	26.4
-75	183	180	175	169	161	142	124	106	89.7	74.6	59.2	47.1	43.5	40.4	37.3	34.2	30.9	26.9
-70	311	305	297	285	269	233	198	164	132	104	75.5	53.6	48.5	44.7	40.5	35.8	31.6	27.4
-65	569	561	544	524	494	450	402	330	276	216	152	101	66.8	48.6	43.5	37.9	32.1	27.9
-60	827	816	792	763	720	667	605	496	419	328	228	148	85.1	52.5	46.6	40.0	32.7	28.4
-55	1063	1049	1020	984	934	871	799	698	607	479	350	238	140	73.6	49.3	41.9	33.6	29.0
-50	1298	1281	1249	1205	1149	1075	992	901	796	629	472	329	195	94.8	52.0	43.9	34.4	29.6
-45	1490	1470	1434	1384	1322	1243	1147	1043	927	773	587	415	256	129	55.6	44.8	34.9	30.1
-40	1681	1659	1619	1563	1494	1410	1302	1185	1059	917	702	501	318	162	59.1	45.7	35.3	30.7
-35	1830	1805	1761	1700	1627	1537	1425	1296	1160	1012	792	593	379	200	75.5	46.4	35.8	31.2
-30	1978	1950	1902	1837	1760	1663	1547	1408	1261	1107	881	684	439	238	91.9	47.0	36.2	31.8
-25	2090	2058	2007	1936	1853	1752	1630	1485	1328	1167	962	732	488	265	104	46.1	35.8	32.1
-20	2201	2166	2112	2035	1947	1841	1713	1562	1395	1227	1043	779	537	293	116	45.2	35.3	32.5
-15	2277	2240	2185	2104	2014	1910	1777	1624	1450	1275	1088	813	563	321	127	43.5	34.9	32.7
-10	2353	2313	2258	2173	2080	1978	1841	1687	1504	1323	1134	846	589	348	138	41.9	34.5	32.8
-5	2448	2408	2350	2261	2164	2053	1911	1751	1560	1370	1174	879	610	360	140	40.6	34.4	32.8
0	2542	2502	2442	2350	2249	2129	1981	1815	1615	1418	1215	913	630	373	143	39.3	34.2	32.8
5	2522	2482	2423	2333	2234	2115	1973	1808	1611	1415	1212	905	627	369	141	39.7	34.2	32.8
10	2502	2462	2405	2316	2218	2101	1966	1800	1607	1411	1209	897	623	365	140	40.1	34.3	32.7
15	2431	2392	2336	2251	2157	2041	1905	1742	1555	1366	1167	866	597	339	126	39.8	34.0	32.6
20	2359	2323	2268	2187	2095	1981	1844	1684	1503	1322	1124	836	572	313	112	39.4	33.7	32.6
25	2249	2218	2166	2095	2007	1898	1766	1610	1439	1265	1063	789	526	283	97.5	38.9	33.5	32.5
30	2139	2112	2063	2002	1919	1815	1688	1537	1375	1208	1003	743	481	252	82.8	38.5	33.2	32.4
35	1991	1968	1921	1861	1783	1684	1563	1423	1273	1113	889	651	412	209	63.9	37.6	32.5	32.2
40	1844	1823	1779	1721	1647	1554	1438	1308	1171	1017	776	560	343	166	44.9	36.8	31.7	31.9
45	1658	1640	1601	1549	1481	1395	1290	1174	1047	871	659	464	275	125	41.9	35.9	31.2	31.6
50	1472	1456	1422	1377	1316	1236	1143	1040	923	725	542	368	207	83.0	39.0	35.0	30.7	31.3
55	1238	1224	1196	1156	1102	1033	953	854	730	563	408	266	141	60.9	37.3	33.7	30.0	30.9
60	1005	992	969	935	889	830	763	669	536	401	274	164	75.4	38.8	35.6	32.5	29.4	30.5
65	726	717	700	675	642	596	533	454	355	261	173	102	56.1	36.6	33.9	30.9	29.1	30.1
70	447	441	430	416	395	363	304	238	174	120	72.2	39.1	36.7	34.4	32.1	29.4	28.7	29.7
75	249	247	242	234	221	203	172	138	105	77.6	53.0	35.7	33.7	31.8	30.4	28.6	28.5	29.4
80	50.8	52.7	53.4	51.7	48.3	44.4	41.1	38.2	36.8	35.4	33.9	32.3	30.7	29.2	28.6	27.9	28.2	29.0
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:Jonny
Test Date:2014-07-09

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:7.300m [K=1.0000]
Remarks: