



**RACO**

**TAYMAC**

**BELL**

COMMERCIAL, INDUSTRIAL AND RESIDENTIAL ELECTRICAL PRODUCTS



# LED SWIVEL JOINT FLOODLIGHT

BELL® weatherproof floodlights provide weatherproof protection for general outdoor lighting applications. The unique swivel joint knuckle allows for easy and precise positioning. BELL floodlights may be used with BELL cluster covers and boxes.



Patented Multi-Directional Swivel Joint

LL1000Z

**LED**  
1000 Lumens Brightness  
**13W**  
80% Less Energy\*  
120V 60Hz



LL1000S

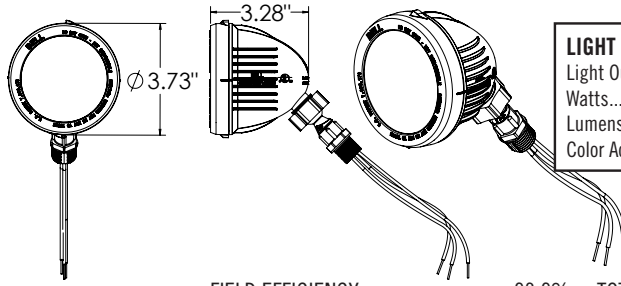
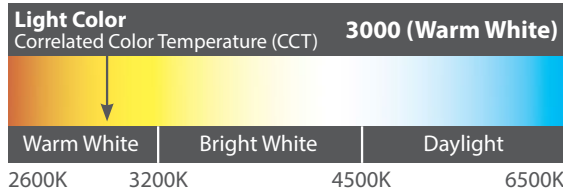
LL1000W

- Patented multi-directional swivel joint
- Commercial Grade
- Die Cast Metal
- Tempered Glass Lens
- Premium Powder Coat
- No tool easy mount
- Long Life: 50,000 hours
- No mercury or toxins
- Even light distribution
- Reduces energy cost
- 2014 NEC & NEMA 3R Compliant



# LED SWIVEL JOINT FLOODLIGHT

CATALOG #	DESCRIPTION	COLOR	PKG. TYPE	STD. PKG.	UPC	I 2 of 5
<b>BELL® LED SWIVEL JOINT FLOODLIGHT 120V 60HZ</b>						
LL1000S	13W / 1000 Lumen Warm White	Gray	Clear Box	4	050169917558	50050169917553
LL1000W	13W / 1000 Lumen Warm White	White	Clear Box	4	050169917565	50050169917560
LL1000Z	13W / 1000 Lumen Warm White	Bronze	Clear Box	4	050169917572	50050169917577



LIGHT SPECIFICATIONS	
Light Output (Lumens)	997
Watts	13.3
Lumens per Watt (Efficacy)	73.7
Color Accuracy Color Rendering Index (CRI)	82.6

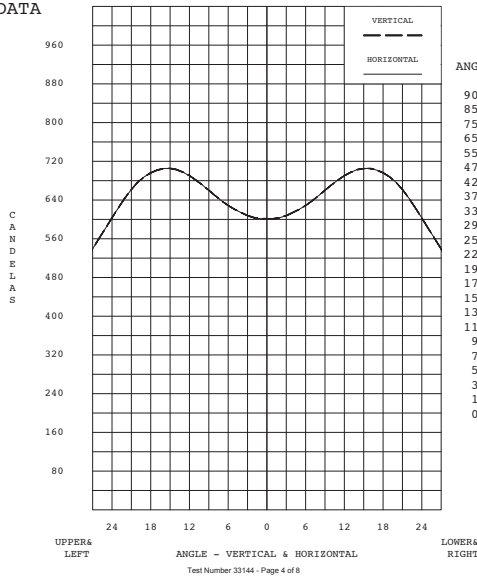
## FLOODLIGHT SUMMARY

FIELD ANGLE.....110.6H X 110.6V (BASED ON 10% OF MAX. CP.)	MAX. INTENSITY (CANDLEPOWER) ..... 705 Candelas	FIELD EFFICIENCY.....93.9%	TOTAL EFFICIENCY.....100.0%
BEAM ANGLE .....70.5H X 70.5V (BASED ON 50% OF MAX. CP.)	ANGLE OF BEAM FROM AXIS ..... 15.0°	BEAM LUMENS.....652 Lms.	SPILL LIGHT LUMENS.....60.0 Lms.
IESNA & NEMA TYP ..... 6H X 6V	BEAM IS SYMMETRIC ABOUT FLOODLIGHT AXIS	BEAM EFFICIENCY .....66.5%	EFFICACY (LUMENS PER WATT).....73.7
	FIELD LUMENS.....920 Lms.	TOTAL LUMENS .....980 Lms.	

This is an absolute test report. Efficiencies are expressed as a percentage of luminaire total lumen. The above values consider light emitted within 90° of the beam axis, in all four quadrants. Field angle is defined by 10% of maximum intensity (candlepower). Beam angle is defined by 50% of maximum intensity (candlepower). Laboratory results may not be representative of field performance. Ballast factors have not been applied. Tested and computed in accordance with IESNA LM-35-02.

## FLOODLIGHT DATA

CANDLEPOWER THROUGH ORIGIN



INTENSITY (CANDLEPOWER) CANDELAS

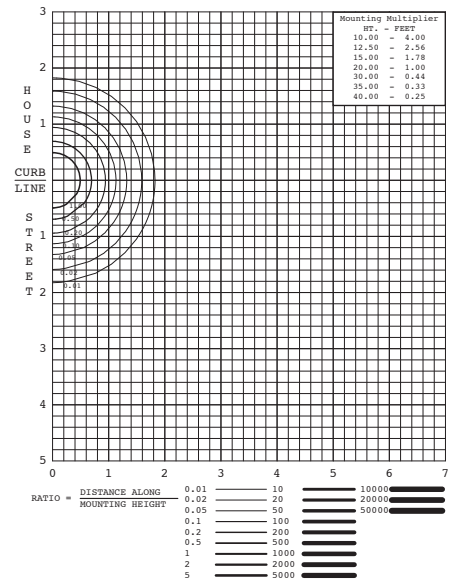
VERTICAL TRACE				HORIZONTAL TRACE			
ANGLE	CANDLEPOWER	ANGLE	CANDLEPOWER	ANGLE	CANDLEPOWER	ANGLE	CANDLEPOWER
90.0	0.	0.0	601.	90.0	0.	0.0	601.
85.0	1.	-1.0	601.	85.0	1.	-1.0	601.
75.0	6.	-3.0	608.	75.0	6.	-3.0	608.
65.0	21.	-5.0	621.	65.0	21.	-5.0	621.
55.0	73.	-7.0	638.	55.0	73.	-7.0	638.
47.5	148.	-9.0	660.	47.5	148.	-9.0	660.
42.5	218.	-11.0	681.	42.5	218.	-11.0	681.
37.5	308.	-13.0	697.	37.5	308.	-13.0	697.
33.0	401.	-15.0	705.	33.0	401.	-15.0	705.
29.0	493.	-17.0	702.	29.0	493.	-17.0	702.
25.5	571.	-19.5	682.	25.5	571.	-19.5	682.
22.5	634.	-22.5	634.	22.5	634.	-22.5	634.
19.5	682.	-25.5	571.	19.5	682.	-25.5	571.
17.0	702.	-29.0	493.	17.0	702.	-29.0	493.
15.0	705.	-33.0	401.	15.0	705.	-33.0	401.
13.0	697.	-37.5	308.	13.0	697.	-37.5	308.
11.0	681.	-42.5	218.	11.0	681.	-42.5	218.
9.0	660.	-47.5	148.	9.0	660.	-47.5	148.
7.0	638.	-55.0	73.	7.0	638.	-55.0	73.
5.0	621.	-65.0	21.	5.0	621.	-65.0	21.
3.0	608.	-75.0	6.	3.0	608.	-75.0	6.
1.0	601.	-85.0	1.	1.0	601.	-85.0	1.
0.0	601.	-90.0	0.	0.0	601.	-90.0	0.

- UPPER -      - LOWER -      - RIGHT -      - LEFT -

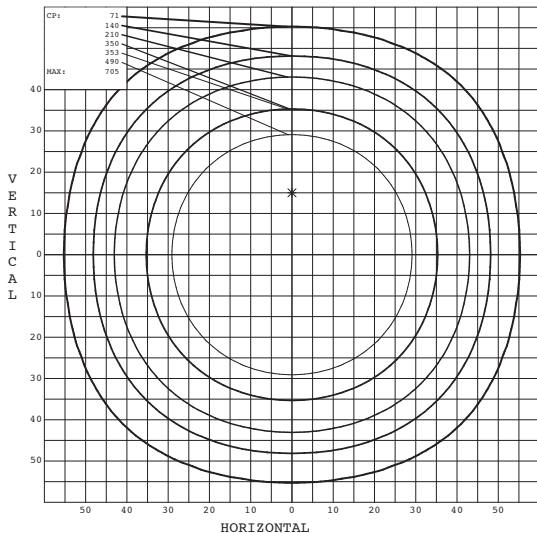
DIRECTIONS IN THIS TABLE REFER TO A HORIZONTALLY ORIENTED POLAR AXIS

INTENSITY TRACES ARE THROUGH THE ORIGIN

MOUNTING HEIGHT FOR ISOFC 20.0 FEET



ISOCANDELA DIAGRAM



LUMEN DISTRIBUTION

LUMEN DISTRIBUTION												
0.182	0.417	0.821	1.365	1.896	2.227	2.227	1.896	1.365	0.821	0.417	0.182	13,818
0.341	0.908	1.933	3.291	4.621	5.454	5.454	4.621	3.291	1.933	0.908	0.341	33,096
0.584	1.477	3.635	6.264	8.938	10.655	10.655	8.938	6.264	3.635	1.477	0.584	63,506
0.880	2.589	5.679	10.014	14.444	17.170	17.170	14.444	10.014	5.679	2.589	0.880	101,554
1.149	3.417	7.617	13.576	19.018	21.016	21.016	19.018	13.576	7.617	3.417	1.149	131,588
1.310	3.913	8.812	15.658	20.380	19.628	19.628	20.380	15.658	8.812	3.913	1.310	139,402
1.310	3.913	8.812	15.658	20.380	19.628	19.628	20.380	15.658	8.812	3.913	1.310	139,402
1.149	3.417	7.617	13.576	19.018	21.016	21.016	19.018	13.576	7.617	3.417	1.149	131,588
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0.182	0.417	0.821	1.365	1.896	2.227	2.227	1.896	1.365	0.821	0.417	0.182	13,818
COL SUM	8.891	25.844	56.994	100.338	138.594	152.302	152.302	138.594	100.338	56.994	25.844	8.891
ROW SUMS	50	40	30	20	10	10	20	30	40	50		



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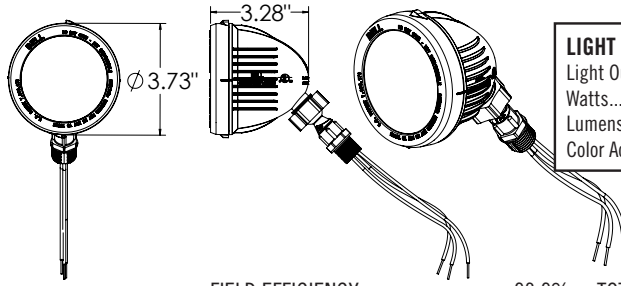
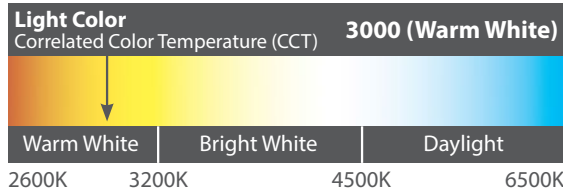
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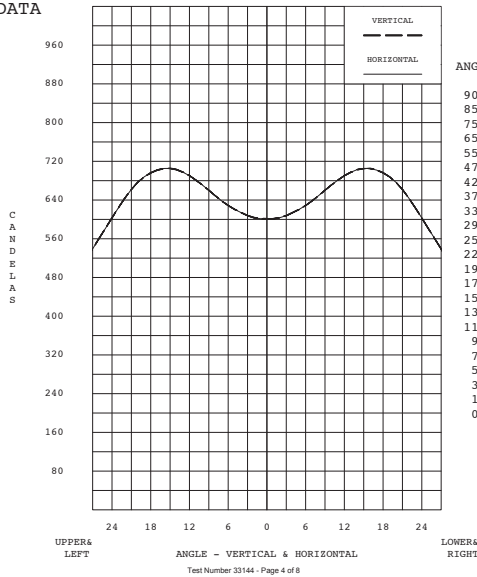
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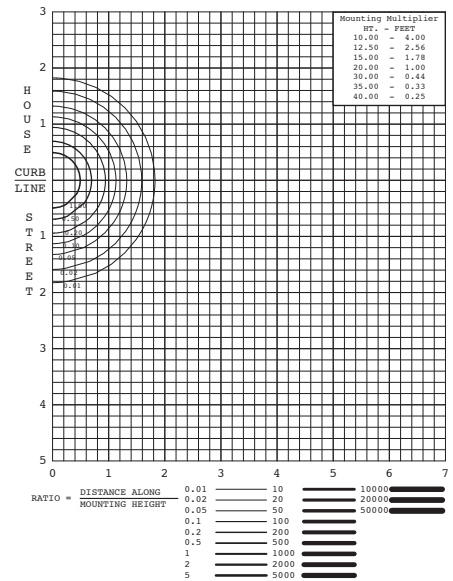
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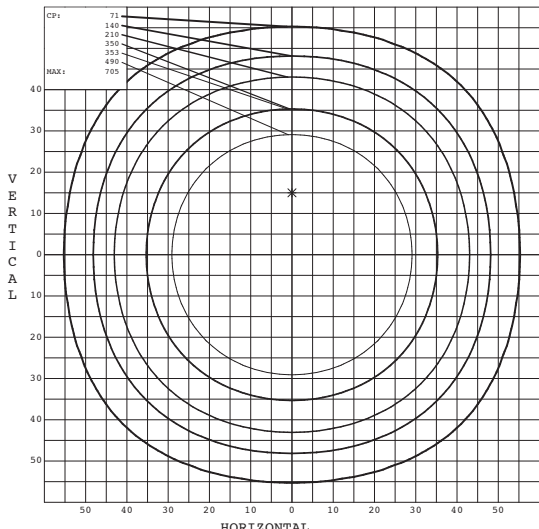
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