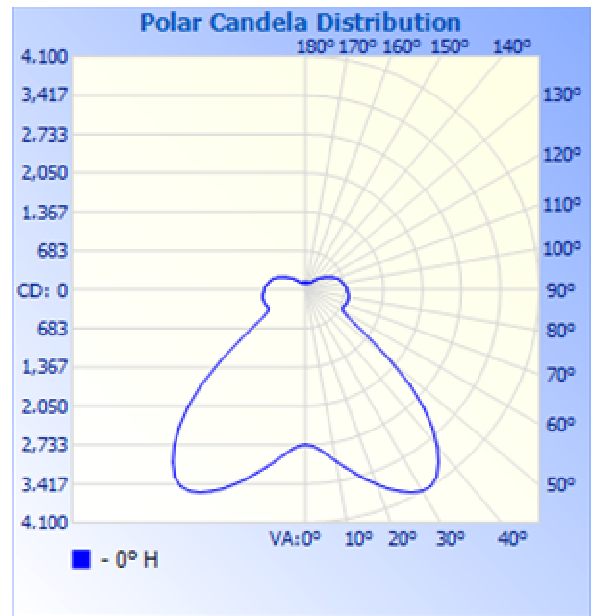


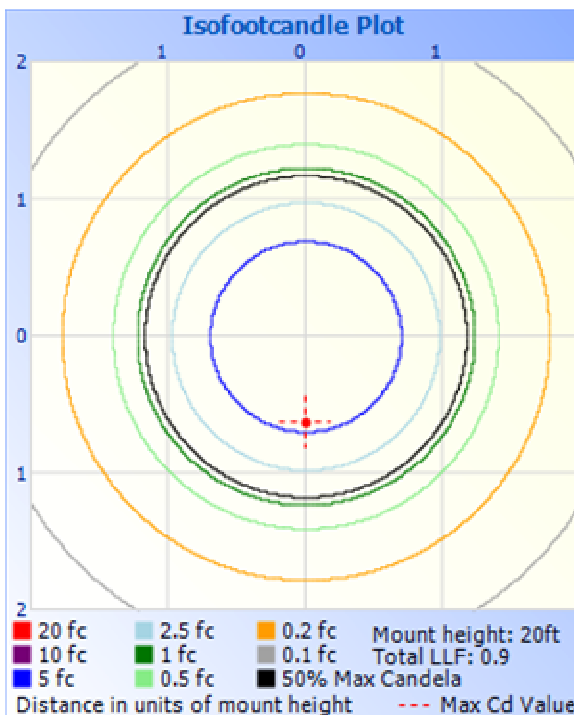
**Filename: BS820 8x42W CF****Manufacturer:** BEGHELLI NORTH AMERICA MIRAMAR, FL, USA**Luminaire:** BEGHELLI GRAN BELLA BS820 INDOOR LUMINAIRE WITH PRISMATIC REFLECTOR/REFRACTOR AND CLEAR LENS**Luminaire Cat:** GRAN BELLA BS820**Lamp:** EIGHT 42W DULUX CF42DT/E/IN/820 COMPACT FLUOR. LAMPS. LUMEN RATING = 3200 LMS.**Ballast Desc:** FOUR UNIVERSAL TRIAD 120-277V 1 OR 2-LAMP ELECTRONIC BALLASTS**Ballast Cat:** C242UNVSE**Lamp Output:** 8 lamp(s), rated Lumens/lamp: 3200**Max Candela:** 4,095.0 at Horizontal: 0°, Vertical: 32.5°**Input Wattage:** 273**Luminous Opening:** Point**Test:** LSC D182**Test Lab:** Lighting Sciences Canada Ltd. 440 Phillip St., Unit 19
Waterloo, Ontario**Photometry :** Type C**CIE Class:** Semi-Direct**Cutoff Class:** Semicutoff**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Luminaire
0-30	3,046.5	11.9%	22.1%
0-40	5,518.6	21.6%	40%
0-60	8,777.0	34.3%	63.6%
60-90	2,350.9	9.2%	17%
0-90	11,127.9	43.5%	80.6%
90-180	2,677.1	10.5%	19.4%
0-180	13,805.0	53.9%	100%

Efficiency Total: 53.9%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	278.0	2.0%	90-100	765.7	5.5%
10-20	958.4	6.9%	100-110	665.4	4.8%
20-30	1,810.1	13.1%	110-120	508.0	3.7%
30-40	2,472.2	17.9%	120-130	334.7	2.4%
40-50	2,206.1	16.0%	130-140	190.7	1.4%
50-60	1,052.3	7.6%	140-150	98.6	0.7%
60-70	733.6	5.3%	150-160	62.1	0.5%
70-80	805.2	5.8%	160-170	40.0	0.3%
80-90	812.1	5.9%	170-180	11.8	0.1%



Illuminance at a Distance			
Center Beam FC		Beam Width	
3.3ft	245.70 fc	5.5ft	7.8ft
6.7ft	61.43 fc	11.1ft	15.7ft
10.0ft	27.30 fc	16.6ft	23.5ft
13.3ft	15.36 fc	22.2ft	31.3ft
16.7ft	9.83 fc	27.7ft	39.1ft
20.0ft	6.83 fc	33.3ft	47.0ft
■ Vert. Spread: 79.5°		■ Horiz. Spread: 99.2°	

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] LSC D182
[TESTLAB] Lighting Sciences Canada Ltd.
[MORE] 440 Phillip St., Unit 19
[MORE] Waterloo, Ontario
[ISSUEDATE] 04-03-2008
[MANUFAC] BEGHELLI NORTH AMERICA
[MORE] MIRAMAR, FL, USA
[LUMCAT] GRAN BELLA BS820
[LUMINAIRE] BEGHELLI GRAN BELLA BS820 INDOOR LUMINAIRE
[MORE] WITH PRISMATIC REFLECTOR/REFRACTOR AND CLEAR LENS
[LAMP] EIGHT 42W DULUX CF42DT/E/IN/820 COMPACT FLUOR. LAMPS. LUMEN RATING = 3200 LMS.
[BALLAST] FOUR UNIVERSAL TRIAD 120-277V 1 OR 2-LAMP ELECTRONIC BALLASTS
[BALLASTCAT] C242UNVSE
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 1
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.