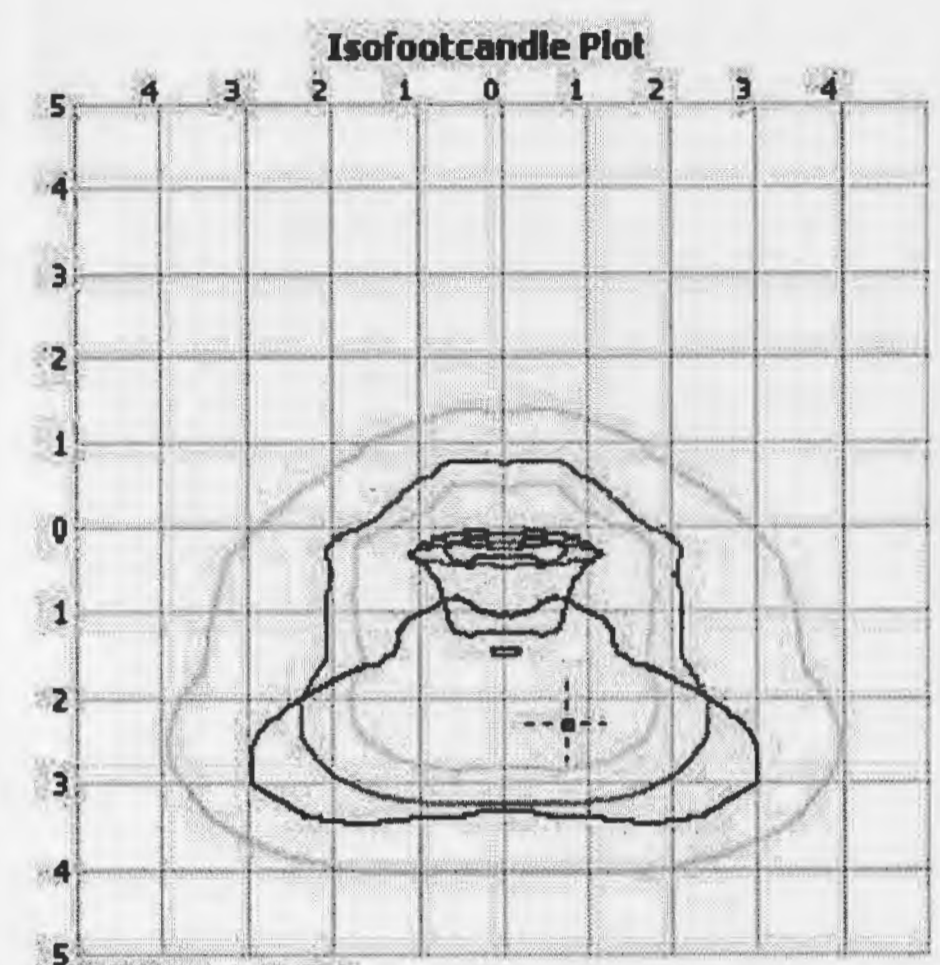
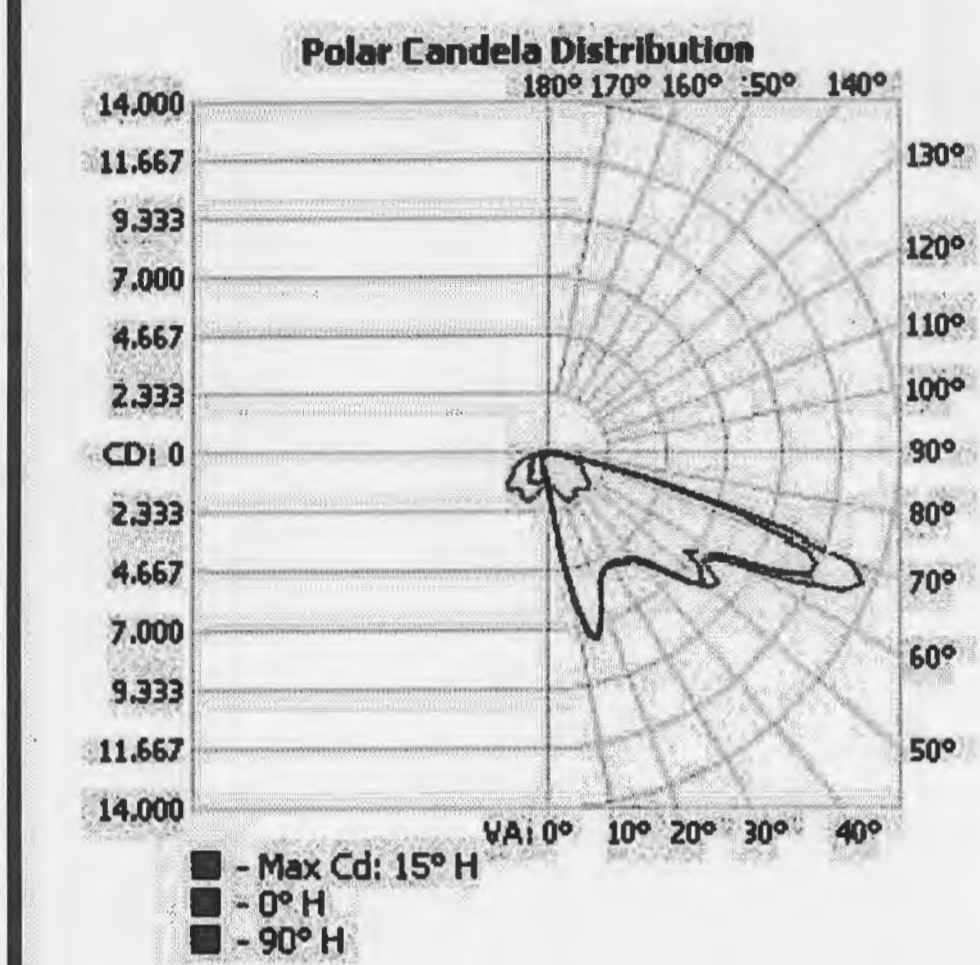


MANUFACTURER: LSI INDUSTRIES
 TEST #: ITK3722; REPORT:100639410CRT-249
 TEST LAB: INTERTEK SATELLITE LABORATORY
 ISSUE DATE: 01/29/13
 CATALOG #: XAWMU-FT-LED-128-HO-CW-UE
 LUMINAIRE: TOTAL LUMINAIRE LUMENS: 17334.6
 LAMP OUTPUT: TEST BASED ON ABSOLUTE PHOTOMETRY *
 176
 INPUT WATTAGE:
 LUMINOUS OPENING: RECTANGLE (L: 20", W: 12")

No
 Photo
 Available

Max Cd: 13,540.0 AT HORIZONTAL: 15°, VERTICAL: 67.5°
 Roadway Class: VERY SHORT, TYPE IV



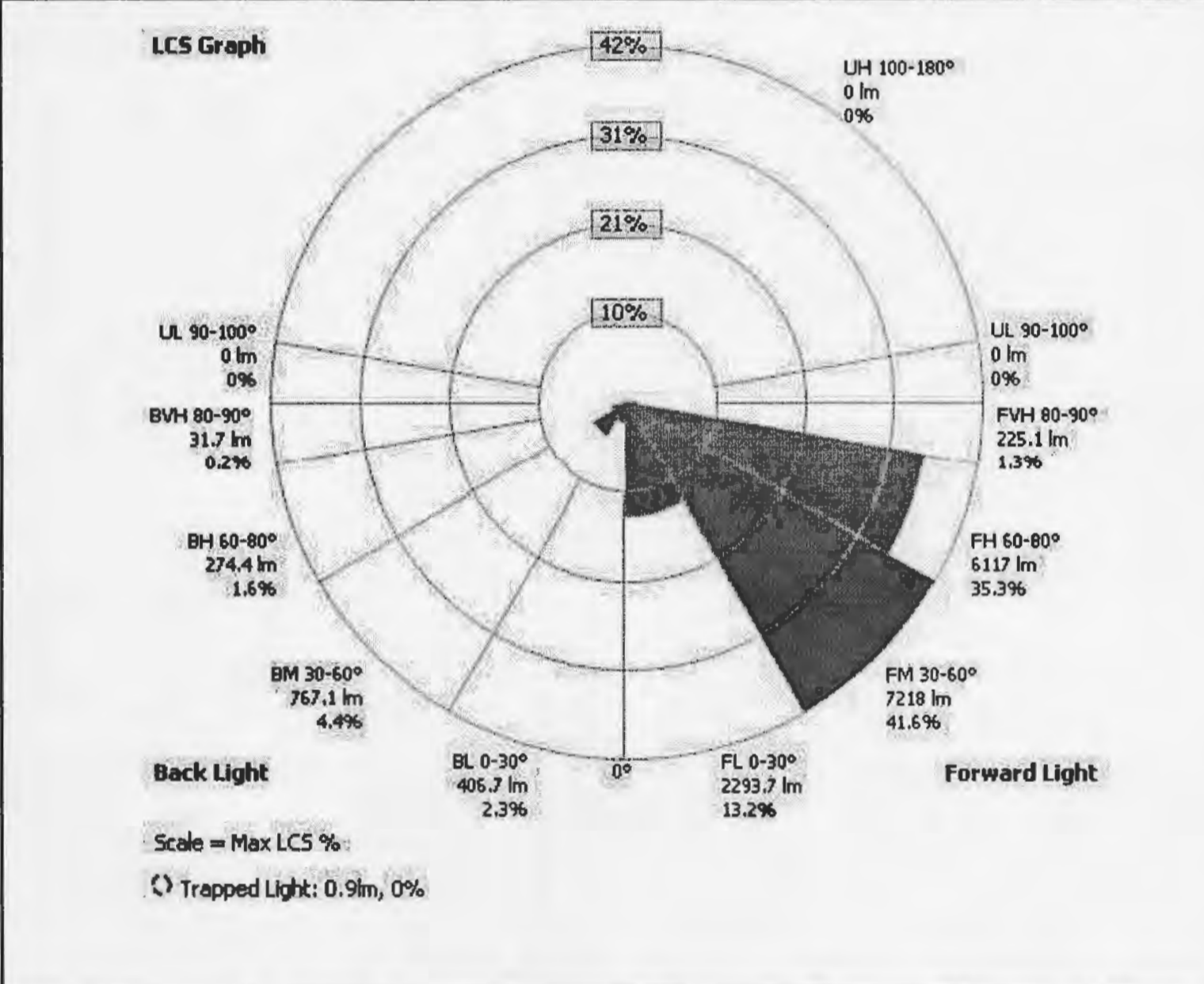
*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.
 **CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.

ZONAL LUMEN SUMMARY		
Zone	Lumens	% Luminaire
0-30	2,701.5	15.6%
0-40	4,834.2	27.9%
0-60	10,687.0	61.7%
60-90	6,647.6	38.3%
70-100	2,919.2	16.8%
90-120	0	0%
0-90	17,334.6	100%
90-180	0	0%
0-180	17,334.6	100%

LUMENS PER ZONE			
Zone	Lumens	% Total	Zone Lumens % Total
0-10	183.9	1.1%	90-100 0 0%
10-20	930.4	5.4%	100-110 0 0%
20-30	1,587.2	9.2%	110-120 0 0%
30-40	2,132.8	12.3%	120-130 0 0%
40-50	2,704.5	15.6%	130-140 0 0%
50-60	3,148.2	18.2%	140-150 0 0%
60-70	3,728.5	21.5%	150-160 0 0%
70-80	2,660.8	15.3%	160-170 0 0%
80-90	258.4	1.5%	170-180 0 0%

ROADWAY SUMMARY		
Distribution: TYPE IV, VERY SHORT		
Max Cd, 90 Deg Vert:	0	
Max Cd, 80 to <90 Deg:	3,507.0	
Downward Street Side:	15,853.8	91.5%
Downward House Side:	1,479.9	8.5%
Downward Total:	17,333.8	100%
Upward Street Side:	0	0%
Upward House Side:	0	0%
Upward Total:	0	0%
Total Lumens:	17,333.8	100%

BUG RATING B1 - U0 - G3		
FORWARD LIGHT LUMENS	LUMENS %	
Low(0-30):	2,293.7	13.2%
Medium(30-60):	7,218.0	41.6%
High(60-80):	6,117.0	35.3%
Very High(80-90):	225.1	1.3%
BACK LIGHT		
Low(0-30):	406.7	2.3%
Medium(30-60):	767.1	4.4%
High(60-80):	274.4	1.6%
Very High(80-90):	31.7	0.2%
UPLIGHT		
Low(90-100):	0	0%
High(100-180):	0	0%
TRAPPED LIGHT:	0.9	0%



ITG EYECARE OFFICE
 1138 TOM GINNEVER AVE.
 OFALLON, MISSOURI 63376
 PRS PROJECT # 01212.COMS.01R
 DRAWN: C.L. 11/11/13
 CHECKED: D.T.

PICKETT, RAY & SILVER, INC.
 CIVIL ENGINEERING, LAND SURVEYING,
 AND NATURAL RESOURCES SERVICES
 Branson
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 St. Peters Center Ct.
 St. Peters, MO 63376
 Phone (636) 397-1211 Fax (636) 397-1104
 www.prs.com 1-800-708-3916

ENGINEERS AUTHENTICATION
 THE RESPONSIBILITY FOR PROFESSIONAL
 ENGINEERING LIABILITY ON THIS PROJECT IS
 HEREBY LIMITED TO THE SET OF PLANS
 AUTHENTICATED BY THE SEAL, SIGNATURE, &
 DATE HEREUNDER ATTACHED. RESPONSIBILITY
 IS DISCLAIMED FOR ALL OTHER ENGINEERING
 PLANS INVOLVED IN THIS PROJECT AND
 SPECIFICALLY EXCLUDES REVISIONS AFTER
 THIS DATE UNLESS RE-AUTHENTICATED.
 PICKETT, RAY & SILVER, INC.
 MO LICENSE #000326
 CHRISTINE ANN
 A.D.K.
 NUMBER
 5-2000150037
 PROFESSIONAL ENGINEER
 CHRISTINE A. LUCK
 PROFESSIONAL ENGINEER LICENSE 2000150037

Developer / Owner Information
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ITG EYECARE OFFICE
 LIGHTING

P+Z No.
 Approval Date 06-08-2013
 City No.
 Page No.
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