Photometric Report

LUMINAIRE: LCAT22-40VWG-EU
LCAT Led Architectural Troffer, Recessed Architectural
2 x 2 led with frosted linear prismatic lens
Data Scaled from Test# 16.01442
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1639
WATTS: 13.60
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.20 90° = 1.31
LUMINOUS OPENING IN FEET
LENGTH: 1.92
WIDTH: 1.92
HEIGHT: 0.00

TEST #16535
DATE: 6/13/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 121
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = $2.05
BASED ON 3000 HRS. AND $.08 PER KWH

ZONAL LUMENS
ZONE LUMENS % LAMP % FIXTURE
0-30 414 25.3 25.3
0-40 679 41.4 41.4
0-60 1214 74.1 74.1
0-90 1639 100.0 100.0
0-180 1639 100.0 100.0

AVERAGE LUMINANCE CANDELA/SQ M
ANGLE 0.0 22.5 45.0 67.5 90.0
0 1556 1556 1556 1556 1556
30 1446 1463 1575 1591
40 1349 1387 1593 1628
45 1288 1338 1610 1664
50 1226 1295 1653 1726
55 1161 1247 1698 1787
60 1098 1203 1764 1857
65 1036 1154 1831 1948
70 956 1127 1562 1938 2075
75 880 1128 1636 2121 2313
80 824 1127 1799 2455 2707
85 737 1173 1977 2580 2613

COEFFICIENTS OF UTILIZATION (%)

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<th>RC</th>
<th>0%</th>
<th>10%</th>
<th>20%</th>
<th>30%</th>
<th>40%</th>
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RCR = ROOM CAVITY RATIO   RC = EFFECTIVE CEILING CAVITY REFLECTANCE   RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.
ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.
THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY:______________

Tel 864 678 1000   701 Millennium Blvd. Greenville, SC 29607

Hubbell Lighting, Inc.
# Photometric Report

**LUMINAIRE:** LCAT22-40VWG-EU  
LCAT Led Architectural Troffer, Recessed Architectural  
2 x 2 led with frosted linear prismatic lens  
Data Scaled from Test# 16.01442  

**TEST #16535**  
**DATE:** 6/13/2016

### CANDELA VALUES

| ANGLE | 0.0 | 2.5 | 5.0 | 7.5 | 10.0 | 12.5 | 15.0 | 17.5 | 20.0 | 22.5 | 25.0 | 27.5 | 30.0 | 32.5 | 35.0 | 37.5 | 40.0 | 42.5 | 45.0 | 47.5 | 50.0 | 52.5 | 55.0 | 57.5 | 60.0 | 62.5 | 65.0 | 67.5 | 70.0 | 72.5 | 75.0 | 77.5 | 80.0 | 82.5 | 85.0 | 87.5 | 90.0 |
|-------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

*MAXIMUM CANDELA VALUE*