PHOTOMETRIC DESIGN CRITERIA:

I. ROADWAY CLASSIFICATIONS
   A. SPRING STREET: COLLECTOR
   B. UPPER MARTIN LUTHER KING DRIVE: COLLECTOR
   C. LOWER MARTIN LUTHER KING DRIVE: COLLECTOR
   D. MADISON STREET: LOCAL

II. PAVEMENT CLASSIFICATION: R2 (ALL AREAS)

III. PEDESTRIAN CONFLICT: HIGH (ALL AREAS)

IV. PARKING AREAS: ILLUMINATED TO G-1-03 REQUIREMENTS FOR SECURITY LIGHTING AS FOLLOWS:
   A. ALL PARKING AREAS TREATED AS "GARAGES AND COVERED PARKING SPACES" AND ARE ILLUMINATED PER THE GUIDELINES IN SECTION 7.2.4

SPRING STREET

DESCRIPTION	E_{AVG} HORIZONTAL	E_{VMIN} VERTICAL	E_{AVG}/E_{MIN}
ROADWAY	3.2 fc (1.2 fc)	N/A	2.7:1 (4.0:1)
EAST SIDEWALK	2.0 fc (2.0 fc)	1.0 fc (1.0 fc)	2.5:1 (4.0:1)
WEST SIDEWALK	2.5 fc (2.0 fc)	1.0 fc (1.0 fc)	2.8:1 (4.0:1)
INTERSECTION @ MLK	4.1 fc (2.4 fc)	N/A	1.7:1 (4.0:1)

UPPER MARTIN LUTHER KING DRIVE

DESCRIPTION	E_{AVG} HORIZONTAL	E_{VMIN} VERTICAL	E_{AVG}/E_{MIN}
ROADWAY	4.0 fc (1.2 fc)	N/A	1.7:1 (4.0:1)
NORTH SIDEWALK	2.0 fc (2.0 fc)	1.1 fc (1.0 fc)	1.7:1 (4.0:1)
SOUTH SIDEWALK	3.8 fc (2.0 fc)	1.1 fc (1.0 fc)	1.6:1 (4.0:1)

LOWER MARTIN LUTHER KING DRIVE

DESCRIPTION	E_{AVG} HORIZONTAL	E_{VMIN} VERTICAL	E_{AVG}/E_{MIN}
ROADWAY	2.4 fc (1.2 fc)	N/A	1.8:1 (4.0:1)
NORTH SIDEWALK	3.0 fc (2.0 fc)	1.0 fc (1.0 fc)	3.0:1 (4.0:1)

MADISON STREET

DESCRIPTION	E_{AVG} HORIZONTAL	E_{VMIN} VERTICAL	E_{AVG}/E_{MIN}
ROADWAY	4.9 fc (0.9 fc)	N/A	6.0:1 (4.0:1)
EAST SIDEWALK	3.7 fc (2.0 fc)	1.1 fc (1.0 fc)	3.4:1 (4.0:1)
WEST SIDEWALK	4.5 fc (2.0 fc)	1.2 fc (1.0 fc)	1.6:1 (4.0:1)
INTERSECTION @ MLK	4.9 fc (2.1 fc)	N/A	3.8:1 (4.0:1)

PARKING AREAS

DESCRIPTION	E_{AVG} HORIZONTAL	E_{VMIN} VERTICAL	E_{AVG}/E_{MIN}
NORTH PARKING	6.0 fc (1.2 fc)	N/A	2.5:1
SOUTH PARKING	7.2 fc (2.0 fc)	N/A	3.8:1

NOTES:
1. NUMBERS IN PARENTHESIS REPRESENT IESNA RP-8 VALUES FOR ROADWAYS OR IESNA G-1-03 VALUES FOR PARKING AREAS..
2. IESNA RP-8 TARGET VALUES FOR E_{AVG} HORIZONTAL AND E_{VMIN} VERTICAL ARE MINIMUMS. THE E_{AVG}/E_{MIN} UNIFORMITY RATIO ARE MAXIMUMS.