

PROJECT WORKSHEET

ORANGE CO. EXTERIOR LIGHTING STANDARDS ORD.# 2003-08 *

NOTE: These guidelines are not a substitute for strict adherence to the provisions of the Ordinance

PROJECT NAME:

DATE:

GENERAL REQUIREMENTS

- 1) PHOTOMETRIC PLAN (of full site) @ 10' O.C. GRID (or as appropriate)
- 2) MANUFACTURER'S TECH. INFO. 'CUT SHEETS' OF ALL EXT. FIXTURES INCL. CANOPY, SECURITY, WALLS, ETC.
- 3) TIME CONTROLS WITH LIGHT REDUCED ONE HOUR AFTER CLOSE OF BUSINESS
- 4) ENGINEER'S LETTER OF CODE COMPLIANCE CERTIFICATION @ PLAN SUBMITTAL AND INSTALLATION (AND PRIOR CERTIFICATE OF OCCUPANCY)
- 5) FOOTCANDLE LEVELS TO BE HELD BETWEEN 0.6 AND 3.6

I-STANDARDS FOR CUT-OFF STYLE FIXTURES

CRITERIA	COUNTY REQUIREMENTS	ACTUAL INPUT
FIXTURE STYLE	FULL CUT-OFF	
LAMP SOURCE IS METAL HALIDE; OR	YES	
COMPACT FLUORESCENT; OR	YES	
LIGHT SOURCE W. CRI OF 65 OR HIGHER	YES	
MAX. WATTAGE	400 WATTS	
LAMP ORIENTATION (HORIZONTAL)	PREFERRED	
LAMP ORIENTATION (VERTICAL)	OPTION	
FLAT LENS	REQUIRED	
MAX. F.C. 30' FROM THE POLE (SHOW RADIUS)	3.6 FOOTCANDLES	
MAX. FOOTCANDLE-PROPERTY LINE @ RES.	0.5 FOOTCANDLES	
MAX. FOOTCANDLE-PROPERTY LINE @ COMM.	1.0 FOOTCANDLES	
MIN. FOOTCANDLE	0.6 FOOTCANDLES	
MAX. HEIGHT-FIXTURE OR POLE/FINISHED GRADE	30 FEET INCLDG. FIXTUR	
MIN. POLE SPACING IS 2 1/2 TIMES HEIGHT	YES	
LIGHT LOSS FACTOR-LLF	0.72 MAINTAINED	

II-STANDARDS FOR DECORATIVE FIXTURES

CRITERIA	COUNTY REQUIREMENT	ACTUAL INPUT
FIXTURE STYLE	ACORN / GLOBE	
LAMP SOURCE	METAL HALIDE	
FROSTED / PHOSPHOR COATED BULBS	REQUIRED	
MAXIMUM WATTAGE	250 WATTS	
LAMP ORIENTATION	VERTICAL	
MAX. FOOTCANDLE 20' FROM POLE	3.6 FOOTCANDLES	
MAX. FOOTCANDLE-PROPERTY LINE-RES.	0.5 FOOTCANDLES	
MAX. FOOTCANDLE-PROPERTY LINE-COMM.	1.0 FOOTCANDLES	
MIN. FOOTCANDLE	0.6 FOOTCANDLES	
MAX. HGT. FIXTURE OR POLE / FINISHED GRADE	18 FEET	

LIGHT LOSS FACTOR-LLF	0.72 MAINTAINED	
INTERNAL LOUVERED OPTICS; OR	YES	
TEXTURED GLASS REFRACTOR GLOBE	YES	

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III-STANDARDS FOR PEDESTRIAN WALKWAYS

CRITERIA	COUNTY REQUIREMENT	ACTUAL INPUT
APPEARANCE	DECORATIVE	
LAMP SOURCE	METAL HALIDE	
MAXIMUM LAMP WATTAGE	100 WATTS	
MAXIMUM FOOTCANDLE	2.5 FOOTCANDLES	
MINIMUM FOOTCANDLE	0.20 FOOTCANDLES	
APPLIED LIGHT LOSS FACTOR-LLF	0.72 MAINTAINED	

IV-BUILDING MOUNT/MISCELLANEOUS FIXTURES

CRITERIA	COUNTY REQUIREMENT	ACTUAL INPUT
WALL WASHER-NO SPILLOVER OR GLARE	OPTIONAL	
WALL PACK (CUT-OFF)	OPTIONAL	
FLOOD LIGHTS (ON WALLS, ROOF OR POLES)	PROHIBITED	

SPECIAL ATTENTION FOR THE FOLLOWING AREAS

See Sec. 9-649 (4) LIGHT STD'S UNDER CANOPIES (e.g. drive throughs, gas stations) BELOW 20 F.C.

See Sec. 9-649 (5) LIGHT STANDARDS FOR DEALERSHIPS (auto, boat, etc.)

See Sec.'s 9-649 (6) and (7) LIGHT STD'S FOR FIRE LANES & ATM'S

COMMENTS:
