

DECORATIVE LAMP TESTING PROCEDURE 7/1/2016

These procedures are a guide and may be changed at any time

There are 5 categories of decorative units that will be used for testing. (**local decorative, major decorative, local lamp, major lamp and security lighting**). All fixtures/lamps will be tested in their respective category. Designers who use the approved fixtures shall run their respective AGI illumination calculations for their particular project at 3000° Kelvin or less for special projects.

The testing group shall approve the units in their respective categories with that particular catalog number. Designers may have variations in catalog numbers to address color temperature etc., but must be knowledgeable about the specifics of the catalog number to address questions during the M40 process. The testing group will not approve minor variations in the catalog number.

TESTING PROCEDURE

Obtain catalog and/or specifications on unit being requested to test

- a. L70 – will be required upon approval of unit
- b. No Fans
- c. G3 or less
- d. 10 year Warranty

Local Decorative (3000K) (40W Max)

1. Request AGI photometric file to run AGI calculation.
 - Meet .4FC and < 6:1 (14'MH) -75' staggered spacing on a 40' RW with 10' SW
2. Request 1 unit to test at FOD. - Put up on a 50' by 50' grid to compare to AGI.
3. Request 3 more units to create a system. **Location - TBD (Visual only)**

Major Decorative (3000K)

1. Request AGI photometric file to run AGI calculation.
 - Meet .9FC and < 3:1 on an 80' RW with 12' SW
 - Pendant – 31' MH at 100' opposite. Test as a single unit
 - Post Top – 25' MH at 75' staggered. Test as a double unit use 1906 as example
2. Request 1 unit to test at FOD. - Put up on a 50' by 50' RW grid to compare to AGI.
3. Request 3 more units to create a system. **Location TBD (Visual only)**

Local Lamp (retrofit) (3000K)(40W Max)

1. Request AGI photometric file to run AGI calculation.
 - Meet .17 FC and < 6:1 (13.5' MH) – 75' staggered spacing on a 40' RW with 12' SW
2. Request 1 unit to test at FOD. - Put up on a 50' by 50' grid to compare to AGI.
3. Request 3 more units to create a system. **Location TBD (Visual only)**

Major Lamp (retrofit) (3000K)

1. Request AGI photometric file to run AGI calculation.
 - Meet .9FC and < 3:1 (25' MH) at 75' staggered spacing on a 80' RW with 12' SW. Double unit
2. Request 1 unit to test at FOD. - Put up on a 50' by 50' grid to compare to AGI.
3. Request 3 more units to create a system. **Location TBD (Visual only)**

Security Lighting Unit (3000K)(40W Max)

1. Request AGI photometric file to run AGI calculation. For Retrofit move to Step 3.
 - Meet 1.0FC and < 4:1 (14'MH) with a 40' one sided spacing on a 12' SW.
2. Request 1 unit to test at FOD.
 - a. Put up on a 50' by 50' grid. Compare to AGI
 - b. If unit is anything other than type 5, "Streetside" should be oriented facing property line
3. Request 3 more units to create a system. **Location TBD (Visual only)**