

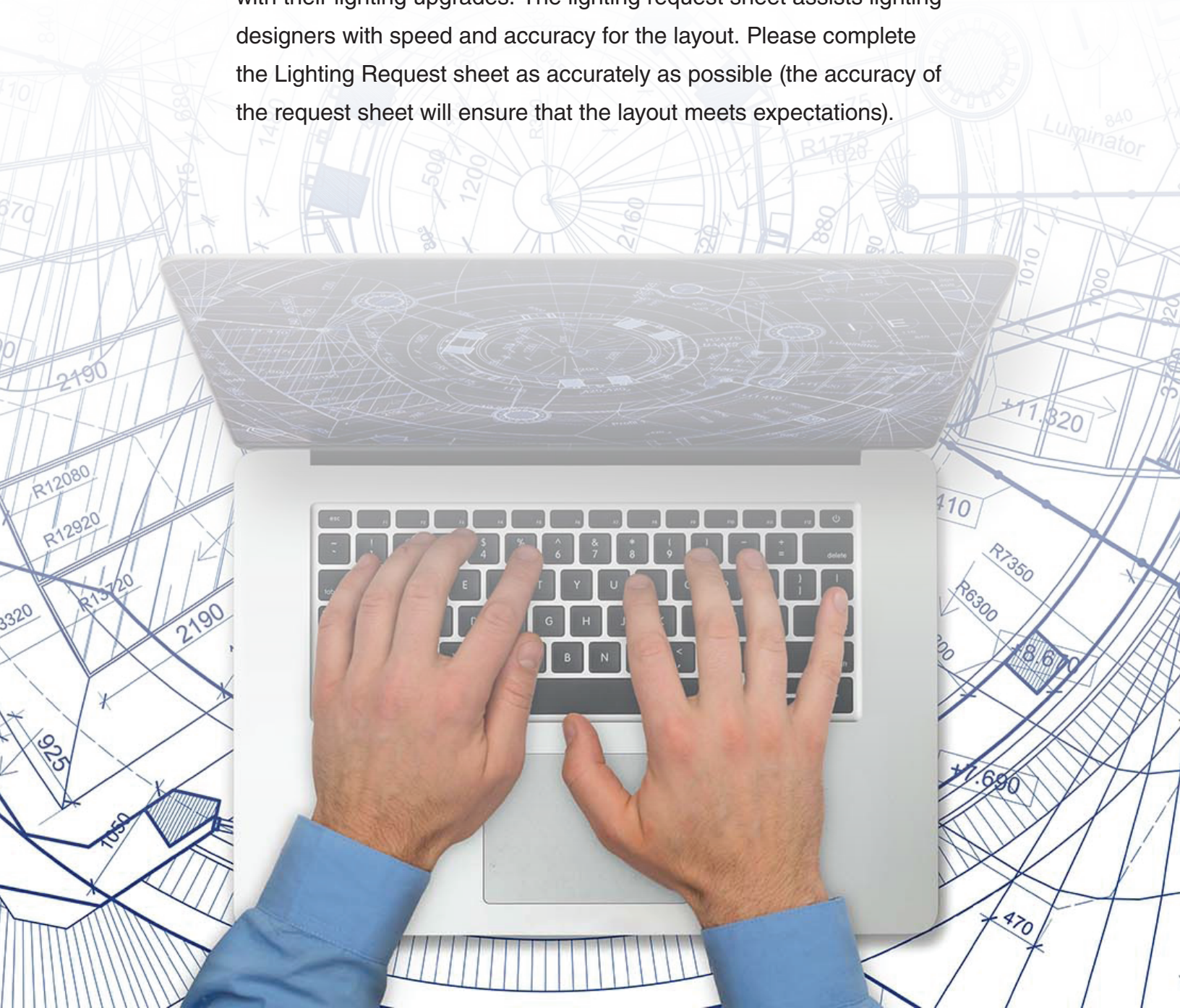


Harsh & Hazardous

**KILLARK**<sup>®</sup>

# Request for Lighting Calculation

Killark is proud to offer Lighting Layouts to better assist customers with their lighting upgrades. The lighting request sheet assists lighting designers with speed and accuracy for the layout. Please complete the Lighting Request sheet as accurately as possible (the accuracy of the request sheet will ensure that the layout meets expectations).



# Request for Lighting Calculation

## To: Killark Applications

Please provide the following information:

FOR OFFICE USE ONLY

Request Tracking Number

Job Name: \_\_\_\_\_

Date: \_\_\_\_\_

Requested By: \_\_\_\_\_

Location: \_\_\_\_\_

Company: \_\_\_\_\_

Hazardous Location Rating: \_\_\_\_\_

Distributor Account#: \_\_\_\_\_

Light Source: \_\_\_\_\_

Contact: \_\_\_\_\_

Wattage/Lumens: \_\_\_\_\_

Fixture Catalog Number: \_\_\_\_\_

Vertical Market: \_\_\_\_\_

### Room Dimensions:                      feet                      meters

Length: \_\_\_\_\_

Width: \_\_\_\_\_

Height: \_\_\_\_\_  
(floor to ceiling)

Work Plane Height: \_\_\_\_\_  
(use 2.5 feet if not specified)

Mounting Height: \_\_\_\_\_  
(floor to fixture)

**Sent With Drawings:**      None      Cad      PDF  
**Drawings are required to be marked up to show the location of the lighting layout**

### Additional Requirements:

### Reflectances:

Ceiling: \_\_\_\_\_

Walls: \_\_\_\_\_

Floor: \_\_\_\_\_

Illumination Required: \_\_\_\_\_

Light Loss Factor: \_\_\_\_\_  
(maintenance factor)

#### Note:

1. Reflectances may be estimated as follows if not provided by the customer. An extremely light colored ceiling can be assumed to have a reflectance of 80%, medium range coloring would use 50%, and extremely dark ceiling would use a 10% value. In the case of wall reflectances, use 50% for bright walls, 30% for medium walls, and 10% for dark walls.

2. For initial illumination use a Light Loss Factor of 1.00; for maintained illuminations the following Light Loss Factors may be used:

Metal Halide Pulse	.80
Metal Halide	.75
High Pressure Sodium	.80
Mercury Vapor	.75
Fluorescent	.75
LED	.90

### Design Validation *(for internal use only)*

Have all design requirements been met?:      yes      no      If no, please clarify:

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

FITTINGS • ENCLOSURES • DISTRIBUTION EQUIPMENT • PLUGS & RECEPTACLES • CONTROLS • LIGHTING FIXTURES

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