



Interior Application Information Details GENERAL INFORMATION

All information in Section 1 is required:

1) Project Name: _____ Rep. Agency Name: _____
Project Address: _____
Phone: _____ Email: _____

For prompt and accurate lighting layouts, please provide as much information as you have available:

2) **A scaled or dimensioned site plan or floor plan with dimensions to ensure correct scale**

- We accept CAD files with xrefs bound, PDF files, or image files.
- CAD files are preferred and provide the quickest turnaround when submitted with unnecessary layers removed, frozen, or turned off.
- Layouts which require the site plan or floor plan to be traced will require a longer turnaround time.
- Please clearly mark the area or areas to be considered in the layout.

3) **Luminaire type(s): Specify each luminaire type on your project or send copies of marked cut sheets and/or IES files**

Catalog #: _____

Source: HPS PSMH CF LED (mA): _____ Other: _____

Light loss factor (LLF): _____ IES files to be provided by: LAS Client

Wattage: _____ Required or Maximum

Catalog #: _____

Source: HPS PSMH CF LED (mA): _____ Other: _____

Light loss factor (LLF): _____ IES files to be provided by: LAS Client

Wattage: _____ Required or Maximum

4) **Footcandle criteria: Specify fc criteria for each different area here (Recommendations on Page 2)**

Average: _____ Max: _____ Min: _____ Max/Min: _____ Other criteria: _____

5) **Interior Application Information - Please fill out all that applies per luminaire type.**

Mounting Type: (please fill out all that apply) <input type="checkbox"/> Recessed <input type="checkbox"/> Wall mounted: mounting height _____ <input type="checkbox"/> Pendant: mounting height _____ <input type="checkbox"/> Cove: mounting height _____	Room dimensions: Length: _____ Width: _____ Height: _____ Owner or code requirements: _____
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Reflectances: _____ / _____ / _____ Type of activity: _____ Readings taken: <input type="checkbox"/> at grade <input type="checkbox"/> _____' above grade	Does this project require an Emergency Egress layout? If yes, expect follow up phone call from LAS. <input type="checkbox"/> Yes <input type="checkbox"/> No
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6) Revisions

- Mark up the previous lighting layout using Adobe PDF, CAD, or handwritten notes, then send the document to us electronically; include the job's reference number in the subject of the email.

7) Other Project Information:

A.I.D. TIPS

IES RECOMMENDATIONS FOR SPECIFIED AREAS:

TIPS is a condensed and simplified version of IES Recommended Practice for quick reference. Refer to the IES reference given in each section for a more complete explanation.

		Recommended Illuminance Targets (fc)			INTERIOR LIGHTING IES Lighting Handbook pg 4.33 Table 4.1 <i>The IES Lighting Handbook, 10th Edition/Quality of the Visual Environment/Illuminance Recommendations.</i> Recommendations are for average maintained horizontal fc levels.	
		Visual Ages of Observers (years) where at least half are				
Category	<25	25 to 65	>65	Some Typical Application and Task Characteristics		Visual Performance Description
Q	20	40	80	<ul style="list-style-type: none"> • Some indoor education situations • Some indoor commerce situations • Some indoor sports situations • Some indoor industrial situations 		Common, relatively small-scale, more cognitive or fast-performance visual tasks Visual performance is typically daily life- and work-related, including much reading and writing of hardcopies and electronic media consecutively and/or simultaneously.
R	25	50	100			
S	37.5	75	150			
T	50	100	200	<ul style="list-style-type: none"> • Some sports situations • Some indoor commerce situations • Some indoor industrial situations 		Small-scale, cognitive visual tasks Visual performance is work- or sports-related, close and distant fine inspection, very small detail, high-speed assessment and reaction.
U	75	150	300			
V	100	200	400			
W	150	300	600	<ul style="list-style-type: none"> • Some sports situations • Some indoor industrial situations • Some health care procedural situations 		Unusual, extremely minute and/or life sustaining cognitive tasks Visual performance is of the highest order in respective fields of healthcare, industrial and sports.
X	250	500	1000			
Y	500	1000	2000			