

ILP APPLICATION GUIDE

How much light do you need?

Based on your facility, there are recommended light levels. The levels are based on a unit of measure called Foot-candles (fc). This rating quantifies how much light is in an area. This helpful chart is a good guide to estimate how much light you need. Once you have identified your facility, you can use the simple tool below to make a basic layout. For more complex layouts or additional assistance please contact us at 407-478-3759 or info@ilp-inc.com.

[Click the image below to use our Online Layout Tool - Indoor.](#)

Application	Foot-candle Level
Aircraft Hanger	75 - 100
Assembly / Packaging	
Medium	50 - 70
Fine	75 - 100
Auto Service Garage	60 - 80
Auto Showroom	50 - 80
Body Shop	80 - 120
Church	20 - 25
Cooler	50 - 125
Engineering / Drafting	50 - 125
Food Processing	50 - 100
Foundry	40 - 60
Gymnasium	
Recreational	30
Elementary / Club	50
High School	80
Hockey	
Recreational	20 - 50
Professional	50 - 100
Horse Riding Arena	25 - 50
Loading Dock	30 - 50
Machine Shop	
Rough	50 - 70
Medium	75 - 100
Fine	100 - 200
Manufacturing	
Crude	50 - 75
Average	75 - 100
Detail	100 - 200
Multipurpose Room	30 - 75
Office	60 - 75
Parking Garage	2 - 10
Retail	
Average	50 - 80
Superstores	80 - 120
Swimming Pools	
Recreational	50
Club	75
Tournament	100
Warehouse	
Active	20 - 30
Inactive	15 - 20
Woodworking Shops	60 - 80