

Checklist for Lighting design

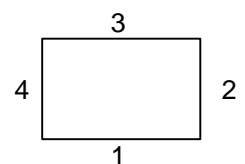


To do an optimized Lighting design following **documents** and / or **information** is needed or must be obtained.

Main supply	Rated Voltage	_____ V
	Rated frequency	_____ Hz
	Type of compensation	_____
	Power system stability	_____

Operating conditions	Protected for use in explosive atmospheres	<input type="checkbox"/>
	Aggressive atmosphere	_____
	Ambient temperature	maximum: _____ °C minimum: _____ °C
	Humidity at the mounting place	_____
	Polluting or age of lamps fittings, rooms	<input type="checkbox"/> 0,8 normal <input type="checkbox"/> 0,7 increased <input type="checkbox"/> 0,6 strong
	mechanical danger	<input type="checkbox"/> Cover needed <input type="checkbox"/> Wire guard needed

Equipment in the rooms	Rooms application or application in the working area	_____ _____ _____	
	Activity in the Room or in the working area	_____ _____	
	Residence time in the room or the working area	<input type="checkbox"/> short time (1/2 h) <input type="checkbox"/> longer time (several h) <input type="checkbox"/> permanent	
	Painting or colour of room surfaces (Reflectances)	Wall 1	_____
		Wall 2	_____
Wall 3		_____	
Wall 4		_____	
Ceiling		_____	
	Floor	_____	



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Height of utilisation plane 0,85 m (standard)
 other: _____ m

Arrengments of working areas
 Places of controll units and / or machines

} possibly in the drawings

Selection of luminaires

Select maximum 6 different luminaire types

	Emergency light
Type 1	<input type="checkbox"/>
Type 2	<input type="checkbox"/>
Type 3	<input type="checkbox"/>
Type 4	<input type="checkbox"/>
Type 5	<input type="checkbox"/>
Type 6	<input type="checkbox"/>

Operation of emergency luminaires Maintained operation Non maintained operation

Building conditions

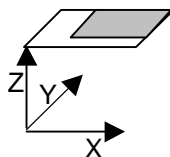
Construction drawing Plan
 Sectional view

Indoor aplications

Room dimensions

Length _____ m
 Width _____ m
 Height _____ m

Working area



Start coordinate X _____ m
 Start coordinate Y _____ m
 Start coordinate Z _____ m
 Length _____ m
 Width _____ m

- Lintel
- Turning radius of doors and windows
- Grider
- Principle truss
- Skylight
- Foot bridge
- Pipe line

} possibly in the drawings

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Fixing points of luminaires Height _____ m
 Overhang _____ m
 Distance _____ m
 Tilt of luminaire _____ °

Arrangement of luminaires

<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	

Mounting the luminaires

Ceiling mounting flush mounting
 build on mounting
 pendant _____ m

Lantern arrangement Pole mounting Height: _____ m
 Wall mounting Height: _____ m

Special mounting device
