



1. This drawing shall be read in conjunction with all other drawings and specifications.
2. All electrical installation works shall be carried out in accordance with BS7671 incorporating all current amendments.
3. This drawing outlines the lighting illuminance levels and uniformity requirements and an indicative layout.
4. The contractor shall be responsible for the final detailed design and shall design to the lux levels and controls strategy indicated. Where lux levels /uniformity cannot be achieved with the layout indicated the contractor shall amend the layouts accordingly to meet the performance requirements.
5. Lighting levels have been determined in line with the CIBSE guidelines and SLL code for lighting.
6. Emergency lighting shall be provided in all escape routes and other risk areas in line with BS5266 and BS EN 50172.
7. Illuminated emergency exit signs shall be provided along all escape routes and all legends shall comply with the requirements of BS EN 5499-4 & ISO 7010.
8. Contractor to provide all necessary switches, PIR sensors (separate or integrated) and lighting controls to allow the controls strategy as indicated to be provided.

P1	21.09.21	Preliminary Issue	GC	PW	PW
Rev	Date	Description	By	Check	App.

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DO NOT TURN ON LAYERS THAT HAVE BEEN TURNED OFF.
DO NOT THAW LAYERS THAT HAVE BEEN FROZEN.
DRAWING MUST BE PRINTED IN BLACK AND WHITE ONLY.

Client	Lapwine Ltd
Project	105 Princess Street Manchester
Office	Altrincham
Discipline	Electrical
Title	Third Floor Indicative Lux Levels & Lighting Controls Strategy
Scale @ A1	1:50
Status	Preliminary



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Project No.	Originator	Building/Zone	Level
7_7478	CCL	XX	03
Type	Discipline	Drawing No.	Revision
DR	E	300214	P1

Legend:	Controls key:	
100 lux floor 0.4 uniformity	Manual switching	Occupancy sensor, daylight control and dimmable (presence/dimming/daylight sensing)
150 lux floor 0.4 uniformity	Occupancy sensor (presence)	Manual switching, occupancy sensor and dimmable (absence/dimming)
200 lux floor 0.4 uniformity	Manual switching and occupancy sensor (absence)	Manual switching, occupancy sensor, daylight control and dimmable (absence/dimming/daylight sensing)
300 lux floor 0.4 uniformity	Occupancy sensor (presence) and dimmable	Manual switching, daylight control and dimmable (absence/dimming/daylight sensing)
300 lux task - 200 lux ambient 0.6 task uniformity		
500 lux task - 300 lux ambient 0.6 task uniformity		