

This preliminary design is produced by the Lighting Application Specialist (LiAS) team of Signify UK based on information supplied by the Customer for the purpose of identifying suitable products and costing the proposal. This design cannot be used for Construction, as this design does not purport to eliminate health and safety risks as a CDM Regulation risk assessment has not been undertaken.

### Project Specific Assumptions

- Generic Assumptions (unless specifically informed differently)**

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A schematic diagram of a simple electrical circuit. It consists of a single loop containing a DC voltage source (represented by a battery symbol) and two resistors connected in series. The resistors are represented by rectangular boxes. The circuit is drawn with black lines on a white background.

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# PROPOSAL

(NOT FOR CONSTRUCTION)

Rev	DSR no.	Comment	Date	LIAS	KAM	Project Number	Project Name
0	D-395941	Initial proposal.	12/03/21	MD	RF	0400587685	Lidl Wavertree
						Scale & Sheet Size	Drawing Name
						NTS @ A3	LIAS DESIGN NOTES & LUMINAIRE SCHEDULE
						Sheet No	
						DWG 00	



Key:

LL-E  
1 lamp(s) per luminaire, 2300 initial lumens per lamp  
Maintenance Factor = 0.800, watts per luminaire = 17  
Outreach (from mounting axis to photometric center)= 0 mm  
tilt angle= 5 deg  
mounting height= 3.25 m  
number locations= 25, number luminaires= 25

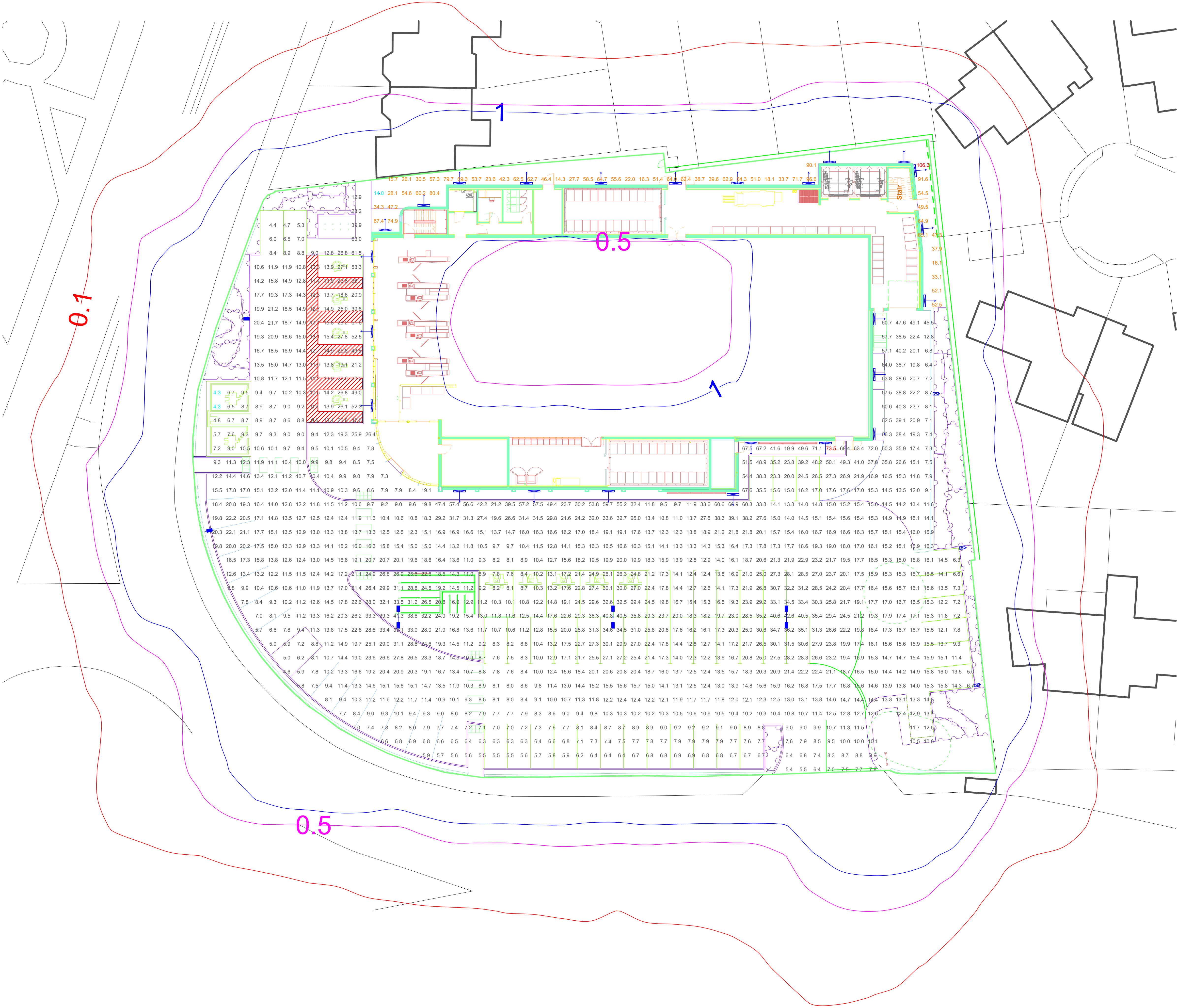
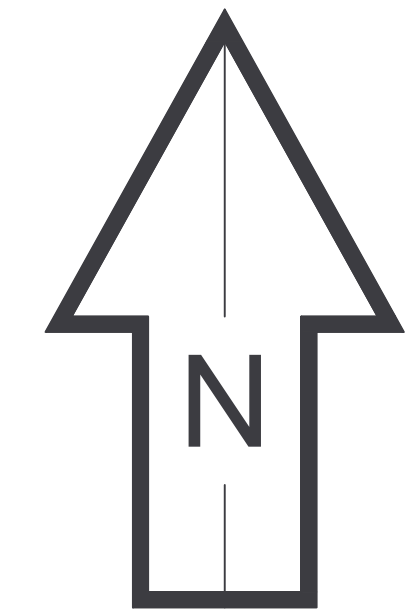
Single LL-C BL2  
1 lamp(s) per luminaire, 7500 initial lumens per lamp  
Maintenance Factor = 0.760, watts per luminaire = 0  
Outreach (from mounting axis to photometric center)= 400 mm  
tilt angle= 5 deg  
mounting height= 6 m  
number locations= 3, number luminaires= 3

Twin LL-C  
1 lamp(s) per luminaire, 7500 initial lumens per lamp  
Maintenance Factor = 0.760, watts per luminaire = 0  
Outreach (from mounting axis to photometric center)= 900 mm  
tilt angle= 5 deg  
mounting height= 6 m  
number locations= 3, number luminaires= 6

Single LL-C  
1 lamp(s) per luminaire, 7500 initial lumens per lamp  
Maintenance Factor = 0.760, watts per luminaire = 0  
Outreach (from mounting axis to photometric center)= 400 mm  
tilt angle= 5 deg  
mounting height= 6 m  
number locations= 2, number luminaires= 2

Car Park / Loading Area  
1198 points at z=0, sp 1.5m by 1.5m  
HORIZONTAL LUX  
Average 17.6  
Maximum 73.5  
Minimum 4.3  
Min/Avg(Uo) 0.245  
Min/Max 0.059  
Coef Var 0.643  
UnifGrad 3.55

Rear Walkway  
53 points at z=0, sp 1.5m by 1.5m  
HORIZONTAL LUX  
Average 51.0  
Maximum 106.3  
Minimum 14.0  
Min/Avg(Uo) 0.274  
Min/Max 0.132  
Coef Var 0.434  
UnifGrad 3.24



- Notes:
- Unless agreed otherwise, the lighting proposal produced by the Lighting Application Specialist (LiAS) team of Philips Lighting UK&I is not intended for construction purposes, as it does not take into account the elimination of health and safety risks at this stage. For further details please refer to sheet number **DWG 00**
  - Do not scale for this drawing

**PROPOSAL**  
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0	D-395941	Initial proposal.	12/03/21	MD	RF	0400587685	Lidl Wavertree
						Scale & Sheet Size	Drawing Name
						1:200 @ A0	PROPOSED LIGHTING LAYOUT
						Sheet No	
						DWG 01	