

## LiAS Design Notes

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.

Depending on the level of information received, a number of assumptions may have been applied in order to create an indicative lighting proposal and costing model, according to lighting industry guidelines and incorporating industry best practice methods. These assumptions are documented below and will require confirmation by the Principal Designer (which is not Signify UK) during the detailed design phase.

### Project Specific Design Comments:

- Lighting Levels for rooms not specified have been selected in accordance with BS EN 12464-1 / SLL LG5
- Surface reflectance values of 70/50/20%
- Preliminary Design proposals produced by the Signify LiAS Team are not to be used for installation purposes. It is the responsibility of the Principal Designer and/or Principal Contractor to ensure all Installation and Maintenance can be done in a safe manner, carried out by competent persons, based on their agreed Risk Assessments and Method Statements.
- Preliminary Design proposals are based on limited information. In the event a proposed luminaire location is not feasible, a revised calculation should be requested.
- Unless stated otherwise the Preliminary Design proposals must not be treated as a fully compliant Emergency Lighting Design. Whilst the LiAS team will include Emergency Lighting luminaires to achieve >0.5 lux in Anti-panic areas (spaces over 60m2) and >1 lux on corridors & stairs. The proposal is unlikely to include illumination of points of emphasis and emergency exit signs, as the fire safety strategy will not be known.
- The design calculations will assume a room surface maintenance factor (RSMF) based on 2-year cleaning intervals and that lamp/luminaire failures will be replaced on a 'spot replacement'
- Unless stated otherwise, Signify has not visited site. Therefore, all proposed luminaire locations are indicative and are subject to an onsite verification arranged/performed by the Principal Designer.
- Unless specified otherwise, the luminaires proposed by the LiAS Team will have the highest level of control possible (E.g. Dali, mains dimming, mains switching) to ensure sufficient budget is allocated at non-binding stage.
- Unless stated otherwise, luminaires will be supplied in their standard colour.

## Luminaire Schedule

Ref	Luminaire Family	Product Description	12NC
A	CoreLine Panel RC132V G5	RC132V G5 36S/840 PSU W60L60 OC	911401841184
AE	CoreLine Panel RC132V G5	RC132V G5 36S/840 PSU W60L60 OC ELB3	919013004988
B	CoreLine WallMounted WL140	WL140V LED34S/840 PSU WH	911401847882
BE	CoreLine WallMounted WL140	WL140V LED34S/840 PSU WH ELB3	910505103012
C	CoreLine HighBay PSU	BY122P G5 LED250S/840 PSU WB	911401630908
D	OptiSpace	BCB500 LED56-4S/740 S DGR	912300024101
E1	CORE EM	CORE EM HO BKD LED150/865 NM3 ELB IP65	919013004881
F	CORE WALL	CORE WALL LED17-35S PSU IP65 OA BK 18W 4000K	919013004556
G	CoreLine Tempo	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	912300023662

### Signify Contacts:

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#### Lighting Proposal Terms and Conditions of Use

These terms apply to the use of this preliminary proposal produced by Signify UK. This "Proposal" is understood to mean this document, a CAD drawing, lighting calculations, written documents, verbal conversations or any medium used to demonstrate or communicate the proposed lighting scheme using products from Signify's brands. A "Customer" is the person or organisation for whom the Proposal is intended. The "CDM Regulations" means The Construction, Design and Management Regulations 2015, the Safety, Health & Welfare at Work Act 2005, The Construction (Design & Management) Regulations (Northern Ireland) 2015.

This Proposal is for guidance only and cannot be relied upon for purposes of installation or Health and Safety.

The supply and installation of this lighting scheme are subject to a contract being agreed between Customer and Signify.

**PROPOSAL**  
(NOT FOR CONSTRUCTION)

Rev	DSR no.	Comment	Date	LiAS	KAM	Project Number	Project Name
0	D-542110	INITIAL PROPOSAL	30/11/23	AG	GP	0400940081	Warrior Warehouses
						Scale & Sheet Size	Drawing Name
						NTS @ A3	LiAS DESIGN NOTES & LUMINAIRE SCHEDULE
						Sheet No	
						DWG 00	