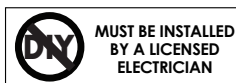


**IMPORTANT:** IN THE INTEREST OF PRODUCT PERFORMANCE AND SAFETY PLEASE READ THESE INSTALLATION AND WARRANTY INSTRUCTIONS BEFORE INSTALLING THE PRODUCT.



SAL products are designed in accordance with all mandatory International and AS/NZS Standards, which require installation in accordance with AS/NZS3000 by a qualified installer and regular cleaning and maintenance of the equipment. Products are sold in accordance with the following instructions and SAL standard terms and conditions of sale, available via [www.sal.net.au](http://www.sal.net.au).

Due to continued product and information updates, product data sourced from [sal.net.au](http://sal.net.au) shall not form part of any contract and or technical performance guarantee unless expressly confirmed in writing by SAL at the time of order.

**UFO II SHB25HE LED HIGHBAY** electrical and installation specification effective 20/5/2021.

Model No.	Input (V)/(Hz)	Power (W)	Lumens (lm)	Line Current (A)	In-rush Current	CCT (K)	CRI	Mass (N.W. kg)	Colour	Dimension D x H (mm)	Max. LED Driver Number on MCB C type 16A
SHB25HE80DL	220-240/50	80	12000	0.36	54.2A Max.@270µs	5700	> 80	2.2	Black	Ø251 x 175	16
SHB25HE120DL	220-240/50	120	18000	0.54	54.6A Max.@272µs	5700	> 80	2.4	Black	Ø271 x 183	14
SHB25HE180DL	220-240/50	180	27000	0.82	68.6A Max.@304µs	5700	> 80	3.2	Black	Ø341 x 184	14

Electrical class	Class I / ISOLATED 1-10v	Beam Angle	120°
Power factor	≥ 0.9	Earth Leakage current	< 1mA
Operating ambient min/max (°C)	-20 to 40	Storage ambient limit (°C)	0 to 60
Operating humidity	10% to 85% RH, NC	Storage humidity	10% to 85% RH, NC
Calculated TM - 21, L <sub>70</sub> @ 85 °C (hrs)	50,000	Reported TM-21, 85 °C, L <sub>70</sub> (hrs)	> 36,000
Aiming restrictions (if any)	N/A	Product application	Interior commercial and industrial spaces
IK rating (if relevant)	08	Product installation orientation	Suspension mount
CCT (K) switch control (TC)	No	Dimmable	1-10V ISOLATED TERMINATION
Insulation cover rating (if any)	N/A	PIXIE connectivity	No
Replaceable LED	No (see clause 8)	IP rating	IP65
User replaceable LED	No (see clause 8)	Attachment type	Z
IP rating for interior products: The designated IP rating is "from below the ceiling" unless otherwise specified.			
IP rating ALL products; Termination of the product must be made in accordance with the IP rating.			
Earth Leakage current: Is calculated in accordance with AS/NZ 60598.1.2017/Amdt 1:2017.			

#### General product application requirements (if applicable) :

1. **CCT or POWER selections (where supplied)** – IMPORTANT, where CCT colour temperature or POWER selection switching is provided, it is important to switch OFF the power before the selection is made, otherwise equipment damage may occur.

2. **Recycling** – SAL encourages recycling, please consider the environment when disposing of packaging, batteries & components.

3. **Switching or test intervals** – For optimum product performance, good design practice does not encourage 24/7 operation of lighting products without the provision of a routine switching or regulatory test cycle. As a guide for continual operation installations, a twelve (12) hour duration for Industrial and Commercial applications and a six (6) hour duration for Residential applications should be considered.

4. **Product maintenance** – In line with the relevant design standards and to protect your investment, it is important to have in place a routine cleaning program that reflects the installation environment and maintains the product in a clean and functional condition.

**IMPORTANT** - The supply must be isolated before any product maintenance or cleaning is conducted. In addition, damage to ANY cable or cord supplied with the product must be addressed as follows; For attachment type X having a specially prepared cable, if the external flexible cable is damaged, it must be replaced by an equivalent cable exclusively available from the manufacturer or authorised installer. For attachment type Y, if the external flexible cable is damaged, it must be exclusively replaced by an equivalent cable by the manufacturer or authorised installer. For attachment type Z, if the external flexible cable is damaged, the cable cannot be replaced and the luminaire must be destroyed.

5. **Adverse, corrosive and coastal installation environments** – Unless the product is specifically designated for such applications in these installation instructions, which is supported by a professional maintenance program; installation of equipment in such environments is not recommended.

6. **Dimming products** – Dimming circuits and product compatibility must be validated by the installer before installation; SAL cannot be responsible for third party changes in dimmer compatibility.

7. **Suspended products** – For installation safety, any suspended products must NOT be installed in high air movement spaces or locations subject to impact.

8. **Light source replacements** – (Non-replaceable light sources) - The light source of the product is deemed not replaceable, when the product reaches its end of life the complete product, it must be replaced by a qualified installer. (Non-user replaceable light sources) - The light source of the product must only be replaced by the manufacturer or qualified installer. **Caution, risk of electric shock.**

9. **Interior downlights and sensors with remote drivers and electrical accessories** – The mounting facilities provided for the transformer/driver (if any), need only be utilized if in the application of the product is required by AS3000. Drivers are not designed for installation environments that restrict conventional airflow.



