

## NELSON PRO SWITCH

Product Code: HSLEDRBH, HSLEDRBH/PC & HSLEDRBH/PIR  
 Voltage: 220-240V 50Hz  
 Ambient Temp: -10°C~40°C  
 Version: 1  
 Date: June 2025



## MAIN FEATURES

- ✓ 4 WATTAGE ADJUSTABLE
- ✓ 3 CCTK SWITCH
- ✓ MULTIPLE CABLE ENTRY POINTS
- ✓ IP65
- ✓ DECORATIVE TRIM COVER

## SAFETY INFORMATION

This luminaire must be installed and operated in full accordance with the information contained in this document. Failure to do so will invalidate any warranty.

**INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED PROFESSIONAL AND FOLLOW RELEVANT SAFETY STANDARDS, WIRING AND BUILDING REGULATIONS.**

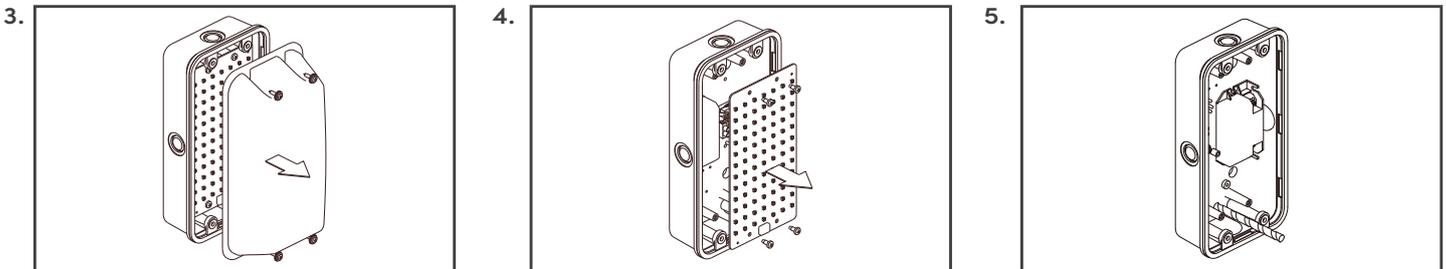
### WARNING

Switch off power before installation!  
 Switch the power supply back on after installation & circuit examination. Professional electricians are required for installation & maintenance.



## INSTALLATION INSTRUCTIONS

1. Identify a suitable mounting location. Note – There are cable entry points on the end(s), side(s) and rear of the body. Photocell version uses one side for location of ambient light sensor. PIR version uses one end for sensor. Ensure sufficient space for optimum sensor operation. PIR version recommended 2M mounting height.
2. Remove the trim by unclipping at one end then pull away from the body/diffuser.
3. Loosen the 4no. screws to remove the diffuser.
4. Remove the 4no. screws from the gear tray and remove from the body.
5. Position body against mounting surface and drill to mark fixing points. Make hole in body for electrical supply cable. Feed cable through body and to maintain IP rating, use grommet or a suitable cable gland as required.



6. Fix the body to mounting surface.
7. Observing polarity, make electrical connection to the terminal block. Note CPC (Earth/Ground) not required for function/safety as a class II product but may be terminated if present.
8. Select wattage required by using the dip SWITCH on the driver. Note – default setting is 6Watt for maximum energy saving.

## NELSON PRO SWITCH

Product Code: HSLEDRBH, HSLEDRBH/PC & HSLEDRBH/PIR

Voltage: 220-240V 50Hz

Version: 1

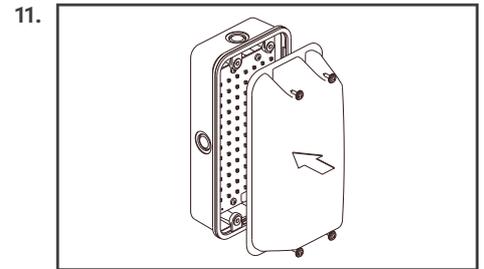
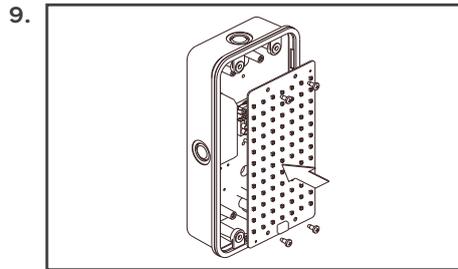
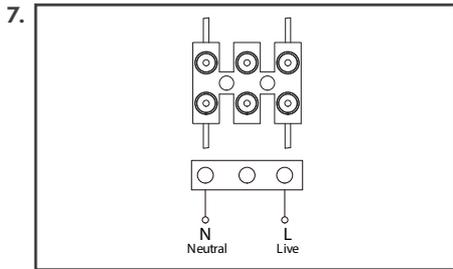
Ambient Temp: -10°C~40°C

Date: June 2025

9. Replace gear tray into body.

10. Select CCTK required by the dip SWITCH on the gear tray. Note – Default setting is 3000K.

11. Refit diffuser to body, ensuring gasket is correctly seated, secure by tightening the screws.



12. Refit the trim, ensuring it clicks securely into position.

13. Restore power and test function.

## PHOTOCELL – HSLEDRBH/PC

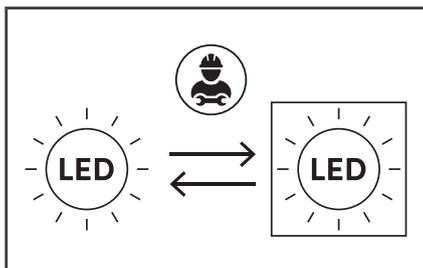
- Ensure the photocell is not located where artificial or reflected light could be detected as this can inhibit correct operation and cause nuisance switching.
- Photocell will operate to turn the HSLEDRBH/PC bulkhead ON at Dusk (10-20lux Ambient light level) and OFF at Dawn (30-60lux Ambient light level).

## PIR VERSION – HSLEDRBH/PIR

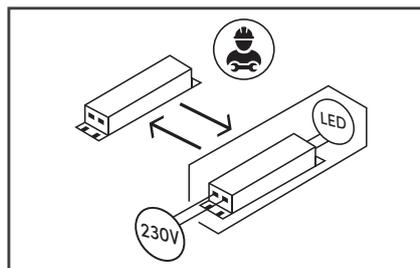
**Recommended mounting height 2M = 120degree detection angle and max 8M distance**

- LUX (ambient light setting) 0-1000lux. Lower setting will ensure the PIR only activates and illuminates the HSLEDRBH/PIR in low ambient light conditions.
- SENS (sensitivity setting) Min (-) 3m to Max(+) 8m
- TIME (duration setting) Min(-) 8seconds to Max(+) 10Mins
- Override Function – Turn power OFF->ON->OFF->ON in 2seconds and PIR will be disabled and light will illuminate for 8Hour duration.

## ECODESIGN & CIRCULAR ECONOMY (TM66)



Replaceable ( LED only) light source by a professional



Replaceable control gear by a professional

## NELSON PRO SWITCH

Product Code: HSLEDRBH, HSLEDRBH/PC & HSLEDRBH/PIR

Voltage: 220-240V 50Hz

Ambient Temp: -10°C~40°C

Version: 1

Date: June 2025

### PRODUCT WARRANTY

This device is under warranty under normal use and service for a period of 3 years from the date of purchase. The company will not be obligated to repair or replace parts which are found to be in need of repair because of misuse, damage or alterations that have occurred after the date of purchase. Send the product with proof of purchase, postage and return postage prepaid, to your local distributor. The liability of the company arising from the sale of this product shall not in any case exceed the cost of replacement of the product and in no case shall the company be liable for consequential loss or damages resulting from the failure of the product.

HISPEC ELECTRICAL PRODUCTS LTD. SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE, OR ANY SPECIAL, INCIDENTAL, CONTINGENT OR CONSEQUENTIAL DAMAGE OF ANY KIND, RESULTING FROM A DEFECTIVE PRODUCT. THE EXCLUSIVE REMEDY FOR BREACH OF THE LIMITED WARRANTY CONTAINED HEREIN IS THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT BY HISPEC ELECTRICAL PRODUCTS LTD. LIABILITY UNDER ANY OTHER REMEDY PRESCRIBED BY LAW SHALL NOT EXCEED THE PURCHASE PRICE OF THE INDIVIDUAL PRODUCT.

This does not affect your statutory rights.



Waste electrical products should not be disposed of with normal household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

The new regulation will encourage the recycling of waste from, electrical and electronic equipment (European "WEEE Directive" effective August 2005). Producer Registration Number: WEE/BK1798TW.

*Warranty Disclaimer - Please note that all lighting equipment must be used in accordance with the instructions provided in this document. Failure to follow these instructions, including but not limited to improper installation, positioning, control, or use of non-recommended accessories, will invalidate the equipment warranty. Always ensure proper safety protocols and the use of certified technicians for setup and operation. \* ON SITE WARRANTY SUBJECT TO CONDITIONS AND UK REGIONS ONLY*