



The premium wall pack series configurable for use throughout commercial, industrial, marine, & municipal areas

Technical superiority - 8+ optic variants, weather proofing, salt water resistance, & L90 60,000 hours lifetime

CE, RoHS, UL, CUL, & CB international product marks

The most competitive, high-end solution for projects worldwide



## *Acton 5 Series* *Premium Wall Packs*

CDN:SPEC243REV0

# Technical Specifications Summary



## Performance Summary:

Code (Series-Wattage/Size)	ACT5A-40	ACT5B-60	ACT5A-80	ACT5C-100
Nominal Power	40W	60W	80W	100W
Luminaire Efficacy @ CRI>70, 5000K CCT	148lm/W	135lm/W	151lm/W	142lm/W
Lumen Output @ CRI>70, 5000K CCT	5,920lm	8,100lm	12,080LM	14,200LM
Lumen Maintenance (TM21 Calculated)	L70B10 ≥200,000 hours L90B10 ≥ 60,000 hours			
Certification	CE, RoHS, UL, CUL, CB			
Product Warranty	10 Years			

## Light Source and Photometric Parameters:

Chip Brand, Model, & Size	Nichia 3532 219F
Light Emission	Direct
CCT	5000K, (3000K, 4000K, 5700K optional)
CRI	≥70, (≥80, ≥90 optional)
Diffusers	Clear
Symmetric Light Distribution	90°, 120°
Asymmetric Light Distribution	IESNA Type 2S, 3S, 3M, 4S, 4VS, 4M
Optical Accessories	Backspill guard

## Electrical Parameters:

System Operating Power	40W	60W	80W	100W
Driver Brand	Inventronics			
Driver Model	EUM050	EUM075		EUM150
Input Voltage	100-277VAC			
Input Frequency	50-60Hz			
Qty of Drivers per Light	1			
Power Factor	>0.9			
THD	<20%			
Insulation Class	Class I			
Surge Protection/Fusing	10kA			

## Environmental Parameters:

IP Rating	IP65
IK Rating	IK10
Ambient Usage Tolerance	-40°C to 50°C
Ambient Storage Tolerance	-40°C to 50°C

# Technical Specifications Summary

Code (Series-Wattage/Size)	ACT5A-40	ACT5B-60	ACT5A-80	ACT5C-100
<b>Physical/Mechanical Parameters:</b>				
Product Dimensions: LxWxH (mm)	297 x 209 x 113			
Qty of Modules	1			2
Electrical Connection	700mm Cable			
Fixture Weight <sup>2</sup>	3.5kg	3.8kg	3.7kg	3.8kg
Fixture Primary Material(s)	Aluminium Alloy			
Fixture Finish	AzkoNobel Powder Coated (Marine-Grade Available)			
Lens(es) Materials	UV Stabilised Polycarbonate			
<b>Dimming/Controls Parameters:</b>				
Dimming Options	1-10V, DALI			
Built-in Controls	Photocell, Motion Sensor			
Compatible intelligent lighting systems	Wireless Controls and Monitoring			
<b>Options/Accessories:</b>				
Mounting Styles	Wall Mount			
Miscellaneous Accessories	Emergency			
Available Product Colours	Grey (RAL 7004), Black (RAL 9011), Customised			

<sup>1</sup> Electrical Parameter data is for D1 drivers, unless otherwise stated

<sup>2</sup> Excludes bracketry. Refer to the Packaging Weights & Dimensions data sheet for bracketry and accessory weights

All stated values should be considered indicative only. Technical data is provided from sample luminaires and construction components as assessed by OEM(s) under industry-standard, laboratory conditions. In practice, stated values can vary. Kellwood Lighting operates a policy of continual product improvement. Our luminaires' capabilities are regularly enhanced to outperform in-class market alternatives. Please contact our technical team directly for clarifications prior to purchase. All images depicted should be considered indicative only. Stated product warranty periods do not include associated labour costs. Stated product warranty periods are for UK projects only. For international projects, please contact our offices directly. Optional upgrades can often affect or supersede unit technical parameters, capabilities, and warranties. It is the responsibility of the purchasing authority to ensure selected hardware is suitable for application. For further documentation, including Returns Policy and Conditions of Unit Failure, please contact our offices. Hazardous area documentation (eg. ATEX) are issued to OEM codes. Please do not look directly at LED lighting products during operation.

This datasheet & corresponding certification should be reviewed by a competent person to ensure project suitability.

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Standard product code fields are presented as:  
Further customisation may be available - please contact us if required



## Product Ordering Codes

PRODUCT	POWER	CRI & CCT	OPTIC	DRIVER	COLOUR	MODIFICATIONS
<b>ACT5A</b>	<b>40</b> 40W	<b>730</b> CRI >70, 3000K	<b>2S</b> IESNA TYPE II SHORT	<b>D1</b> NON-DIM	<b>GR</b> GREY (RAL 7004)	<b>E3R1</b> INTEGRATED 3 HOUR MAINTAINED EMERGENCY (REMOTE TEST)
	<b>80</b> 80W	<b>740</b> CRI >70, 4000K	<b>3S</b> IESNA TYPE III SHORT	<b>D2</b> 1-10V	<b>BL</b> BLACK (RAL 9011)	<b>BG</b> BACKSPILL GUARD
<b>ACT5B</b>	<b>60</b> 60W	<b>750</b> CRI >70, 5000K	<b>3M</b> IESNA TYPE III MEDIUM	<b>D3</b> DALI	<b>WH</b> WHITE (RAL 9010)	<b>PH1</b> PHOTOCELL
<b>ACT5C</b>	<b>100</b> 10W	<b>757</b> CRI >70, 5700K	<b>4S</b> IESNA TYPE IV SHORT		<b>GR2<sup>1</sup></b> GREY - MARINE GRADE	
		<b>830</b> CRI >80, 3000K	<b>4VS</b> IESNA TYPE IV VERY SHORT		<b>BL2<sup>1</sup></b> BLACK - MARINE GRADE	
		<b>840</b> CRI >80, 4000K	<b>4M</b> IESNA TYPE IV MEDIUM		<b>WH2<sup>1</sup></b> WHITE - MARINE GRADE	
		<b>850</b> CRI >80, 5000K	<b>90</b> 90° CIRCULAR			
		<b>857</b> CRI >80, 5700K	<b>120</b> 120° CIRCULAR			
		<b>930</b> CRI >90, 3000K				
		<b>940</b> CRI >90, 4000K				
		<b>950</b> CRI >90, 5000K				
<b>957</b> CRI >90, 5700K						

Product Ordering Code Examples:

**ACT5A-80-740-2S-D1-GR**

**ACT5C-100-850-120-D3-BL-E3R1**

<sup>1</sup> Upgraded AkzoNobel polyester powder coat for increased salt corrosion resistance.

DRIVER MANUFACTURER			
POWER	D1	D2	D3
<b>40</b> 40W	<b>Inventronics</b>	<b>Inventronics</b>	<b>Inventronics</b>
<b>60</b> 60W	<b>Inventronics</b>	<b>Inventronics</b>	<b>Inventronics</b>
<b>80</b> 80W	<b>Inventronics</b>	<b>Inventronics</b>	<b>Inventronics</b>
<b>100</b> 100W	<b>Inventronics</b>	<b>Inventronics</b>	<b>Inventronics</b>

### GENERAL NOTES:

- IF MORE THAN ONE MODIFICATION IS REQUIRED, SEPARATE EACH MODIFICATION WITH A HYPHEN AT THE END OF THE PRODUCT CODE
- PLEASE ENSURE SELECTION OF COMPATIBLE DRIVER FOR OCCUPANCY SENSORS WITH DIMMING FUNCTIONALITY
- PLEASE NOTE THAT MODIFICATIONS WHICH AFFECT LIGHT OUTPUT HAVE SEPARATE PHOTOMETRIC FILES IDENTIFIED WITH "...+(MODIFICATION)"
- ALTERNATIVE DRIVERS MAY BE AVAILABLE - PLEASE CONTACT OUR OFFICE FOR FURTHER DETAILS
- IF PRODUCT IS CUSTOMISED, CODES WILL BE ALTERED AS NECESSARY

CONTACT OUR OFFICE FOR FURTHER INFORMATION ON DRIVER PARAMETERS