



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

Physical/Mechanical Parameters:

Product Dimensions: LxWxH (mm)	297 x 209 x 113			
Qty of Modules	1			2
Electrical Connection	700mm Cable			
Fixture Weight ²	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			



◀ Technical Specifications Summary

Code (Series-Wattage/Size)	ACT5A-40	ACT5B-60	ACT5A-80	ACT5C-100
Dimming/Controls Parameters:				
Dimming Options	1-10V, DALI			
Built-in Controls	Photocell, Motion Sensor			
Compatible intelligent lighting systems	Wireless Controls and Monitoring			
Options/Accessories:				
Mounting Styles	Wall Mount			
Miscellaneous Accessories	Emergency			
Available Product Colours	Grey (RAL 7004), Black (RAL 9011), Customised			

¹ Electrical Parameter data is for D1 drivers, unless otherwise stated

² 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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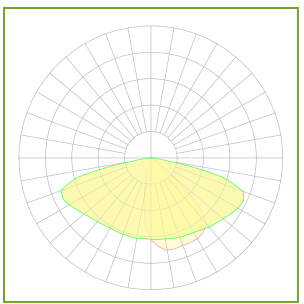
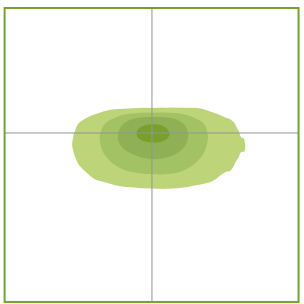




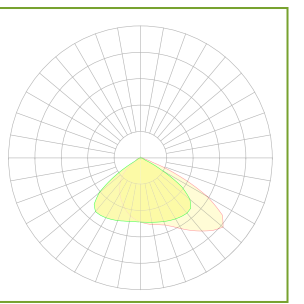
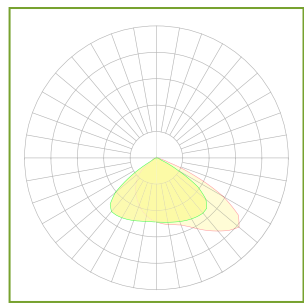
Please note - images shown are intended to be illustrative only. For exact data, please refer to specific product photometry, available for download from our website.

Indicative Product Photometry

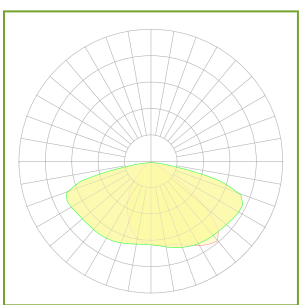
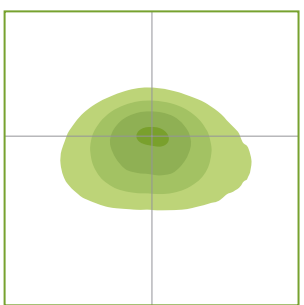
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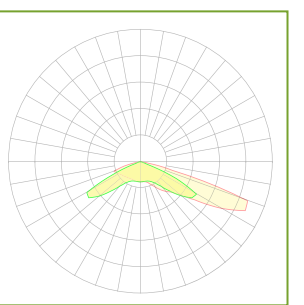
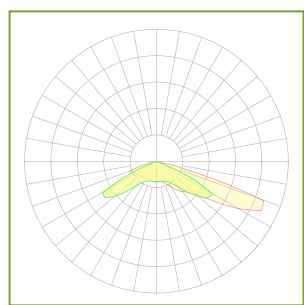
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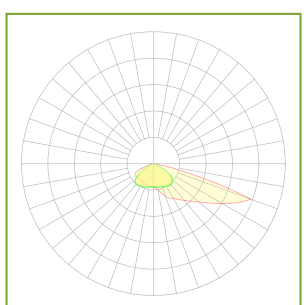
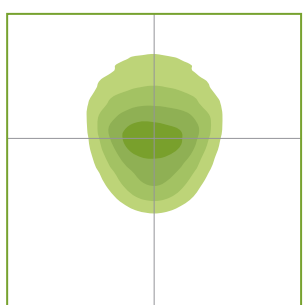
IESNA Type 3 Medium >>



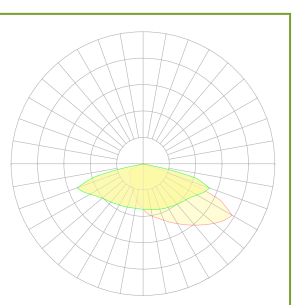
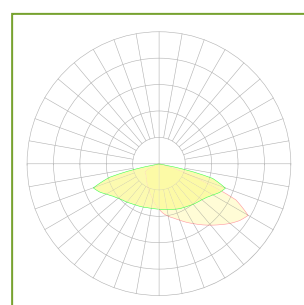
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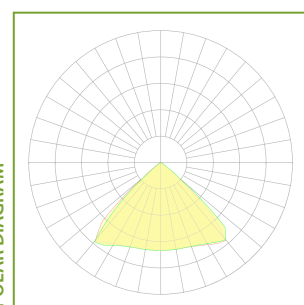
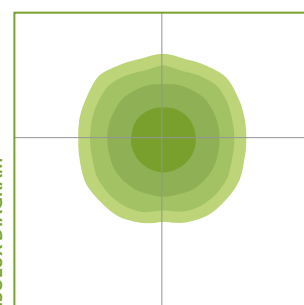
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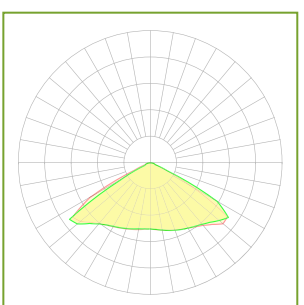
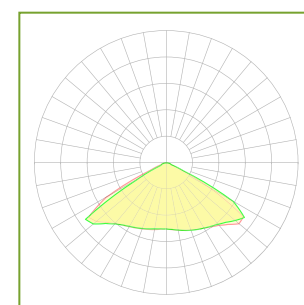
<< IESNA Type 4 Medium



90° Optic >>



<< 120° Optic



ISOLUX DIAGRAM

POLAR DIAGRAM

Colourations on isolux diagrams are qualitative, i.e. the same colour on any two isolux diagrams will not necessarily have the same lux value.



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
ACT5A	40 40W	730 CRI >70, 3000K	2S IESNA TYPE II SHORT	D1 NON-DIM	GR GREY (RAL 7004)	E3R1 INTEGRATED 3 HOUR MAINTAINED EMERGENCY (REMOTE TEST)
	80 80W	740 CRI >70, 4000K	3S IESNA TYPE III SHORT	D2 1-10V	BL BLACK (RAL 9011)	BG BACKSPILL GUARD
ACT5B	60 60W	750 CRI >70, 5000K	3M IESNA TYPE III MEDIUM	D3 DALI	WH WHITE (RAL 9010)	PH1 PHOTOCELL
ACT5C	100 10W	757 CRI >70, 5700K	4S IESNA TYPE IV SHORT		GR2¹ GREY - MARINE GRADE	
		830 CRI >80, 3000K	4VS IESNA TYPE IV VERY SHORT		BL2¹ BLACK - MARINE GRADE	
		840 CRI >80, 4000K	4M IESNA TYPE IV MEDIUM		WH2¹ WHITE - MARINE GRADE	
		850 CRI >80, 5000K	90 90° CIRCULAR			
		857 CRI >80, 5700K	120 120° CIRCULAR			
		930 CRI >90, 3000K				
		940 CRI >90, 4000K				
		950 CRI >90, 5000K				
957 CRI >90, 5700K						

Product Ordering Code Examples:

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

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

¹ Upgraded AkzoNobel polyester powder coat for increased salt corrosion resistance.

DRIVER MANUFACTURER			
POWER	D1	D2	D3
40 40W	Inventronics	Inventronics	Inventronics
60 60W	Inventronics	Inventronics	Inventronics
80 80W	Inventronics	Inventronics	Inventronics
100 100W	Inventronics	Inventronics	Inventronics

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