



The Drummond “Dairy Light” is a robust LED luminaire designed specifically for dairy environments. Combining high-output white light to closely replicate daylight, and red LED chips for “night mode”, it is designed to support livestock welfare, hygiene, and operational efficiency.

CE & RoHS international product marks

The most competitive, high-end solution for projects worldwide

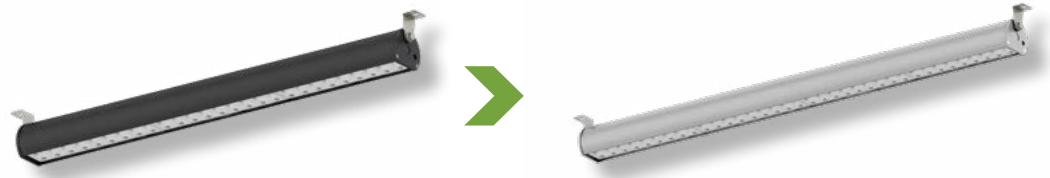


## *Drummond 5 Series*

# *Red and White Dairy Light*

CDNSPEC254REV0

# Technical Specifications Summary



## Performance Summary:

Code (Series-Variant-Wattage/Size)	DRU5-AG1-80	DRU5-AG1-115
Nominal Power	80W (White) + 10W (Red)	120W (White) + 10W (Red)
System Operating Power (White)	80W (White) + 10W (Red)	115W (White) + 10W (Red)
Luminaire Efficacy @ CRI>70,5000K CCT (White)	147lm/W	150lm/W
Lumen Output @ CRI>70,5000K CCT (White)	11,760lm	17,250lm
Lumen Maintenance (TM21 Calculated)	L70B10 ≥100,000 Hours	
Certification	CE, RoHS	
Product Warranty	10 Year	

## Light Source and Photometric Parameters:

Chip Brand, Model, & Size	Nichia 3535 NVSW219FT (White) + Cree XP-E2 (Red)
Light Emission	Direct
CCT	5700K
CRI	≥80Ra
Diffusers	<i>Clear</i>
Symmetric Light Distribution	90°, 120°, 150°
Asymmetric Light Distribution	Rectangular Optic
Optical Accessories	Backspill Guard

## Electrical Parameters:

System Operating Power	80W	120W
Driver Brand	Inventronics	
Driver Model	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	IP66
IK Rating	IK10
Marine Resistance Rating	C3, (C5 optional)
Ambient Usage Tolerance	-40°C to 50°C
Ambient Storage Tolerance	-40°C to 50°C

## Physical/Mechanical Parameters:

Product Dimensions: LxWxH (mm)	834 x 82 x 71	1107 x 82 x 71
Qty of Modules	3	4
Electrical Connection	800mm Cable	
Fixture Weight <sup>2</sup>	3.6kg	4.6kg
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)	DRU5-AG1-80	DRU5-AG1-115
<b>Dimming/Controls Parameters:</b>		
<b>Dimming Options</b>	1-10V, DALI	
<b>Options/Accessories:</b>		
<b>Mounting Styles</b>	Twin Surface Mount Brackets, Cable Suspension	
<b>Available Product Colours</b>	Grey (RAL 7004), Black (RAL 9011)	

<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.

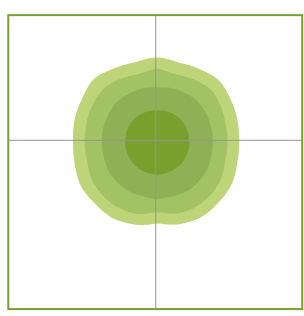
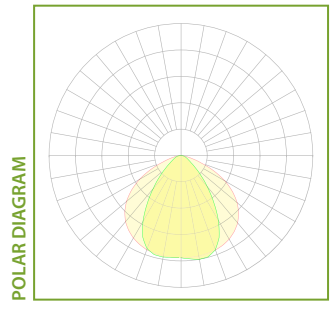
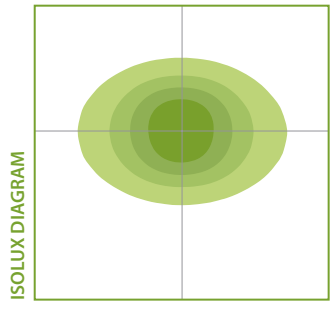
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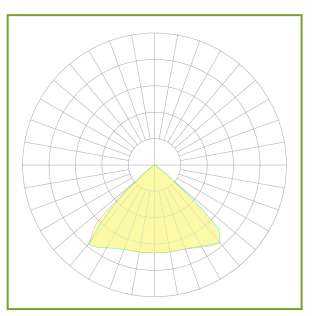
Please note - images shown are intended to be illustrative only. For exact data, please refer to specific product photometry, available for download from our website.

# Indicative Product Photometry

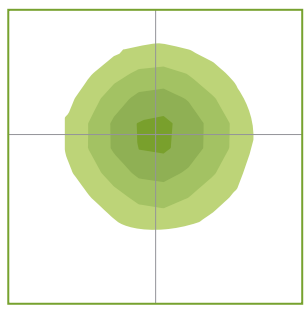
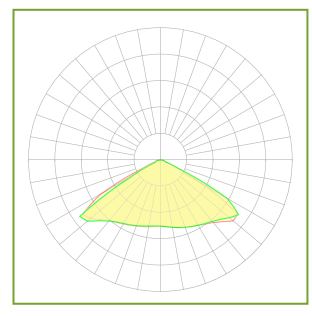
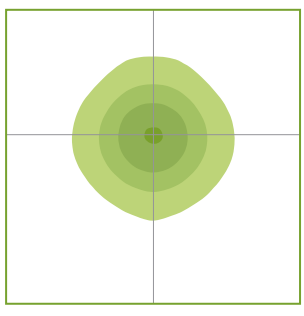
IESNA Type 1 Short >>



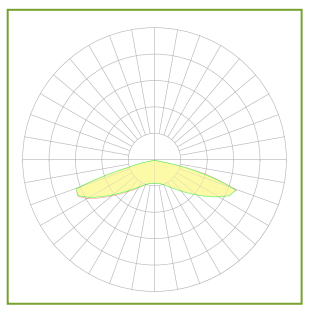
<< 90° Optic



>> 120° Optic



<< 150° Optic



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	MOUNTING	COLOUR
<b>DRU5-AG1</b>	<b>80</b> 80W	<b>857</b> CRI >80, 5700K	<b>15</b> IESNA TYPE I SHORT	<b>D1</b> NON-DIM	<b>TM</b> TWIN SURFACE MOUNT BRACKETS	<b>GR</b> GREY - C3 RATED
	<b>115</b> 115W		<b>90</b> 90° CIRCULAR	<b>D2</b> 1-10V		<b>BL</b> BLACK - C3 RATED
			<b>120</b> 120° CIRCULAR	<b>D3</b> DALI	<b>CS</b> CABLE SUSPENSION	<b>GR2<sup>1</sup></b> GREY - MARINE GRADE - C5 RATED
			<b>150</b> 150° CIRCULAR			<b>BL2<sup>1</sup></b> BLACK - MARINE GRADE - C5 RATED

Product Ordering Code Examples:  
*DRU5-AG1-80-857-90-D1-TM-GR*  
*DRU5-AG1-115-857-1S-D3-TM-BL*

DRIVER MANUFACTURER			
POWER	D1	D2	D3
<b>80</b> 80W	<b>Inventronics</b>	<b>Inventronics</b>	<b>Done</b>
<b>115</b> 115W	<b>Inventronics</b>	<b>Inventronics</b>	<b>Done</b>

CONTACT OUR OFFICE FOR FURTHER INFORMATION ON DRIVER PARAMETERS

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

### GENERAL NOTES:

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

