KELLWOOD LIGHTING

Each fitting features two distinct output modes: white and red. The white light uses specialist LED chips designed to closely replicate the natural daylight spectrum, supporting cow productivity and well-being during daylight hours. The red light enables effective night-time monitoring without disrupting the animals' circadian rhythm, maintaining a calm and stress-free environment.

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

The most competitive, high-end solution for projects worldwide

Drummond 5 Series
Red and White Dairy Light

K

LIGHTING

EST. 1985

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 Emmission	Direct	
CCT	5700K	
CRI	≥80Ra	
Diffusers	*Clear*	
Symmetric Light Distribution	90°, 120°, 150°	
Asymmetric Light Distribution	Rectangular Optic	
Optical Accessories	Backspill Guard	

Electrical Parameters[1]:		
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[2]	3.6kg	4.6kg
Fixture Primary Material(s)	Aluminium Alloy	
Fixture Finish	AzkoNobel Powder Coated (Marine-Grade Available)	
Lens(es) Materials	UV Stabilised Polycarbonate	

Code (Series-Wattage/Size)	DRU5-AG1-80	DRU5-AG1-115
Dimming/Controls Parameters:		
Dimming Options	1-10V, DALI	
Options/Accessories:		
Mounting Styles	Twin Surface Mount Brackets, Cable Suspension	
Available Product Colours	Grey (RAL 7004), Black (RAL 9011)	

[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

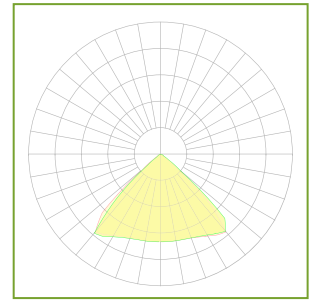Please note - images shown are intended to be illustrative only. For exact data, please refer to specific product photometry, available for download from our website.

Indicative Product Photometry
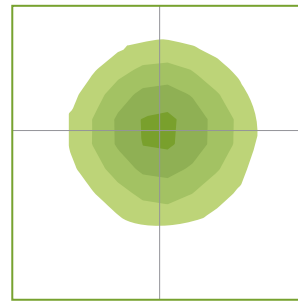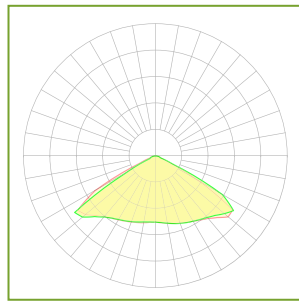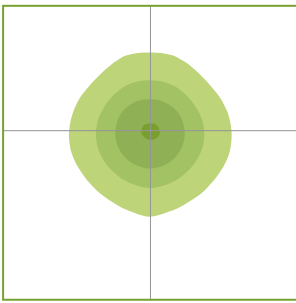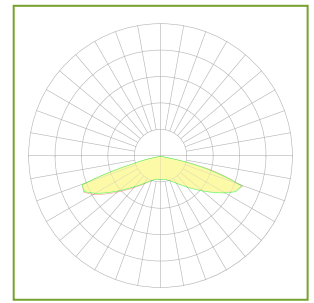
IESNA Type 1 Short

ISOLUX DIAGRAM

POLAR DIAGRAM
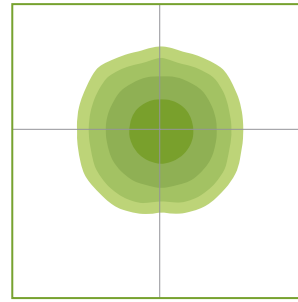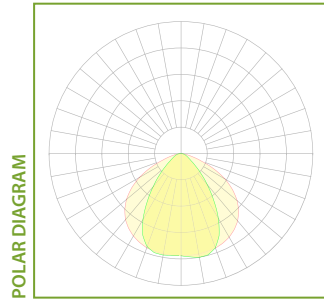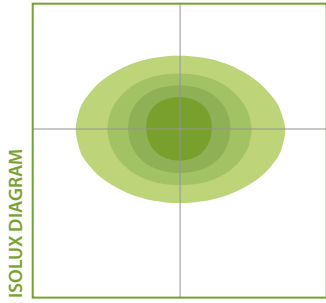
90° Optic

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

CODE
Description

730
CRI>70, 3000K

PRODUCT	POWER	CRI & CCT	OPTIC	DRIVER	MOUNTING	COLOUR
DRU5-AG1	**80** 80W	**857** CRI >80, 5700K	**1S** IESNA TYPE I SHORT	**D1** NON-DIM	**TM** TWIN SURFACE MOUNT BRACKETS	**GR** GREY - C3 RATED
	115 115W		**90** 90° CIRCULAR	**D2** 1-10V	**CS** CABLE SUSPENSION	**BL** BLACK - C3 RATED
			120 120° CIRCULAR	**D3** DALI		**GR2**[1] GREY - MARINE GRADE - C5 RATED
			150 150° CIRCULAR			**BL2**[1] 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

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

DRIVER MANUFACTURER			
POWER	D1	D2	D3
80 80W	**Inventronics**	**Inventronics**	**Done**
115 115W	**Inventronics**	**Inventronics**	**Done**

CONTACT OUR OFFICE FOR FURTHER INFORMATION ON DRIVER PARAMETERS

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