



WESTIRE 9900 Digi Drive Cell

COMPLETE STREETLIGHT CONTROL WITHIN A PHOTOCELL

**Worlds First 48VDC Photocell with its own
in-built Light Engine LED Driver**



Delivering Sustainable Outdoor Lighting

Designed for the Powering and Control of Solar and Hybrid DC Street and Area Lighting

Easily Convert and Outdoor Lighting Fixture to 12VDC or 48VDC Power Supply Sources

DC Systems Delivers 10% Higher Lumen Output P/Watt Compared to Mains Powered Systems

Simplifies Street and Area Lighting Maintenance as there is no need to open the Luminaire Canopy

Features & Benefits

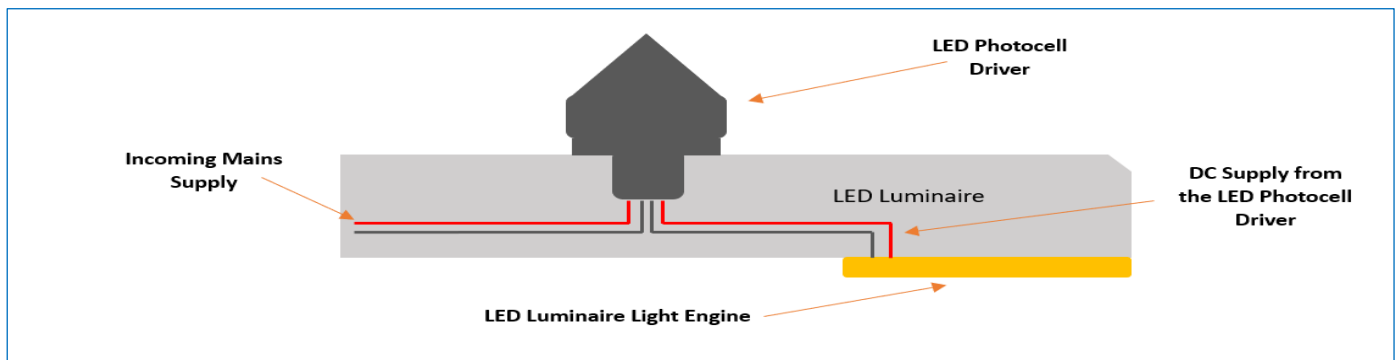
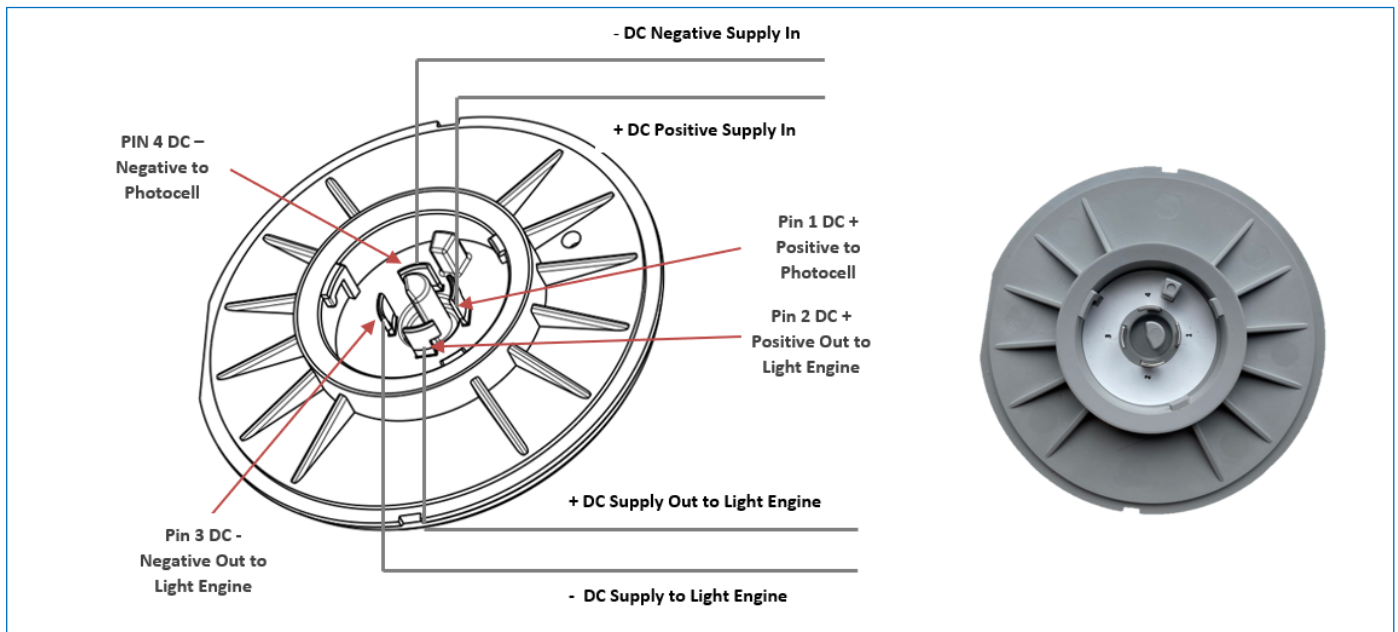
- DC Light Engine Combined within the Photocell
- Full ACRO 48volt Mini DC Photocell Specification
- Different Light Engine current ranges available
- Just Insert Twist & Lock into the Zhaga Socket and both photocell and Light Engine Driver are Installed
- Simplifies Maintenance of the LED Luminaire
- LED Driver Cooling by Ambient Air Convection
- Short Circuit Protected
- LED Driver Constant Current
- EMI Filtering
- Both LED Driver and Photocell IP68 Protected
- Part-Night Switch Off
- Various Dimming Light Level Photocell Switching Options
- Astro Clock Part-Night Switching as an Option
- Designed on TE's LumaWise Endurance 80mm Keyed Base and Dome



Technical Specification Westire Digi Drive Cell

Power Supply	+12VDC to + 48VDC	Switch "On" Light Level 1	0, 15, 35, 55, 70 and 100 lux as standard (others on request)
Operating Temperature	-20°C to + 80°C -4°F to +176°F	Switching Ratio	1:0.5, 1:1 or 1:1.5 ratios (others on request)
Light Engine Voltage	3 to 48VDC	Ambient Light Sensor	Filtered ambient light photodiode
Light Engine Current Ranges Available:	350mA, 700mA, 1050mA	Switching Time Delay	25 seconds
Ripple Noise 350mA	300mVp-p	Standards	Complies with all relevant standards
.. .. 700mA	500mVp-p	Warranty	5 Years
.. .. 1050mA	500mVp-p		
Efficiency at Full Load	95%		

Wiring of the Westire Digi Drive Cell



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