

COMMERCIAL LIGHTING

INSPIRE ACTIVATE IP20 LED DOWNLIGHTS WITH DRIVER ON BOARD



	Codes: RNS01640-01	RNS02240-01	RNS02260-01
Comparable to:	2 x 18W PL	2 x 26W PL	2 x 26W PL
Light Output L₁₀₀ (lm):	1430	2000	2230
Illuminance @ 1m (lx):	650	900	950
Beam Angle (°):	110	110	110
Colour Temp L₁₀₀ (K):	4,000	4,000	6,000
CRI L₁₀₀ (Ra):	80	80	80
Rated LED Life (Hrs):	50,000	50,000	50,000
Power (W):	17.2	21	23.1
Efficacy (lm/cctW):	83	95	96
Power factor:	0.99	0.99	0.99
Dimensions (Diameter/depth mm):	230 x 105	230 x 105	230 x 105
Cut-out (mm):	200-210	200-210	200-210
Ingress Protection (IP):	20	20	20
Ambient Operating Temperature (°C):	-20<T _a <+40	-20<T _a <+40	-20<T _a <+40
Min/Box Qty:	1/12	1/12	1/6
Weight (Kg):	0.58	0.58	0.58
Warranty (yrs):	5	5	5

Available in a choice of lumen packages and power ratings, these Inspire ACTivate downlights provide an energy saving, maintenance free, long life alternative to traditional PL downlights.

Utilising Robus ACTivate Driver on Board technology with no electrolytic capacitors ensures that premature driver failure normally associated with traditional driver technology is alleviated.

Using state of the art SMD LED technology the Inspire range provides exceptional energy savings with in excess of 55% being achieved. They comply with today's and future Building Regulation requirements with efficacy values of up to 90 luminaire lumens per circuit watt to contribute to the reduction of the buildings Carbon Footprint. Typical installations would include:

- Offices
- Health Centres
- Shops
- Universities
- Reception areas
- Schools
- Care homes
- Hospitals
- Restaurants
- Atriums
- Hotels
- Inspection areas
- Corridors
- Shopping Malls

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Clean & stylish lines using plastic coated stainless steel body with polycarbonate diffuser 	<ul style="list-style-type: none"> • Looks neat and attractive in any installation type • Easy clean and less likely to harbour germs or dirt • Lower glare reduces eye strain and discomfort
<ul style="list-style-type: none"> • Choice of lumen packages providing 1300 to 2000 lumens 	<ul style="list-style-type: none"> • Provides 18% to 25% more light than 2 x 18W or 2 x 26W PL • Effectively reduces the number of fittings required by around 20%
<ul style="list-style-type: none"> • Only uses 16W or 22W of power 	<ul style="list-style-type: none"> • Compared to PL, energy savings of over 55% can be achieved to reduce building lighting costs • Efficacy of up to 96 luminaire lumens per circuit watt, complying with Part L2 of today's and future Building Regulations
<ul style="list-style-type: none"> • Utilises Robus ACTivate DOB technology • State of the art Integrated Chips with no traditional electrolytic capacitors provide true Driver-On-Board (DOB) technology with all power supply, driver components, power factor, surge & thermal protection integrated onto the LED PCB and powered direct from the mains supply 	<ul style="list-style-type: none"> • No traditional electrolytic capacitors for long life • Very efficient and significantly more reliable than separate, or drivers "integrated" into the fitting or heat sink and provides IC control for: <ul style="list-style-type: none"> • Stable drive current to maximise LED performance and life • Minimum driver power losses for energy efficiency • High power factor so no penalties from electricity supply companies • Circuit and component protection for long life • No external driver to locate in the void
<ul style="list-style-type: none"> • Uses high quality, high flux SMD LED's 	<ul style="list-style-type: none"> • Low lumen depreciation – >70% of initial light output @ 50,000 hours • Rated life of 50,000 hours. Up to 10 times longer than standard CFL PL lamps to provide almost zero luminaire maintenance costs
<ul style="list-style-type: none"> • Solid state LED technology 	<ul style="list-style-type: none"> • Can be switched by PIR without detriment to longevity resulting in additional energy and replacement lamp and labour cost savings. Traditional fluorescents are adversely affected by PIR switching • No heating filaments or electrodes, often the cause of premature PL lamp failure, further enhance the lifetime of the fitting
<ul style="list-style-type: none"> • Colour temperature of 4,000K and 6,000K with superb CRI 	<ul style="list-style-type: none"> • Great working environment light colour whilst providing excellent colour rendition
<ul style="list-style-type: none"> • Supplied with SWIFT male/female connector with 4 terminals, each able to accept 3 x 1.5mm² conductors 	<ul style="list-style-type: none"> • Female connector enables first fix to mains wiring and circuit testing to be carried out • Large terminals provide for switch wire and permanent live loop in/out
<ul style="list-style-type: none"> • Fitting is factory wired to SWIFT male connector 	<ul style="list-style-type: none"> • Reliable factory connection reduces on-site time/issues • Fitting is connected on completion avoiding damage by fit-out trades

PLEASE NOTE – INFORMATION CONTAINED IN THIS DOCUMENT IS NOMINAL AND MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE