



Enepro LED

high performance

Enepro, the new generation LED downlight for interior applications, designed as a direct replacement for the traditional MR16 / 50w halogen lamp fixture. The **Enepro** offers not only a high luminous output and unbelievably smooth light distribution, but also offers a cost effective, energy-efficient lighting solution for your next project. Astounding lamp performance of 1085 LED lumens coupled to a 68% energy saving in comparison with the traditional MR16 / 50w lamp due to its low 16w power consumption make **Enepro** the perfect choice.

The **Enepro** LED downlighter has many versatile features which make this downlight ideal for a vast array of applications. Available in 3 beam configurations of 22, 36 and 60 degrees, each fixture also offers +/- 25 degrees of adjustability to offer both a flush fixed fitting and an adjustable fitting in one downlight thus ensuring lighting perfection in varied applications. In addition, the fixture has the option of dimmability using both DALI and analogue compatible technologies.

Environmentally Friendly

The LED engine of this innovative product contains 7 premium Nichia LED's which retain 70% efficiency at 50000 hours*. This long efficient life span is achieved by effective heat management using sophisticated thermal engineering to allow for quick removal of heat from the fixture to offer maximum LED life. The unique design of the heat sink and the use of high grade extruded aluminium offers optimum heat dissipation by attaining the largest surface area possible to expedite cooling

optical excellence

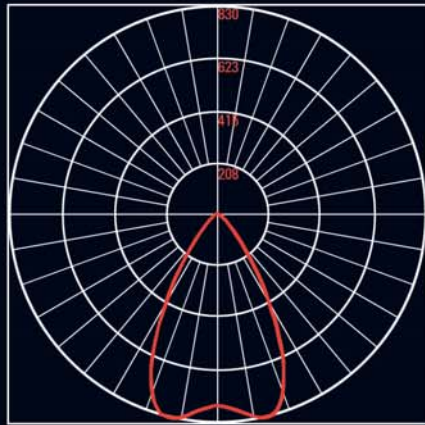
IP20 rating

The fixture operates on a 24VDC nominal power supply, at a constant current of 700ma, consuming a total of 16W. Best suited for recessed ceiling applications, the **Enepro** will not only perform like a star but also offers a simplistic elegant design which can be adapted to many variations in project themes and designs. This stylish fixture is finished in architectural satin white powder coat to suit the most discerning and contemporary interiors. Used as a fixed straight downlighter, but also offering up to 25 degrees tilt on adjustable or aiming requirements.

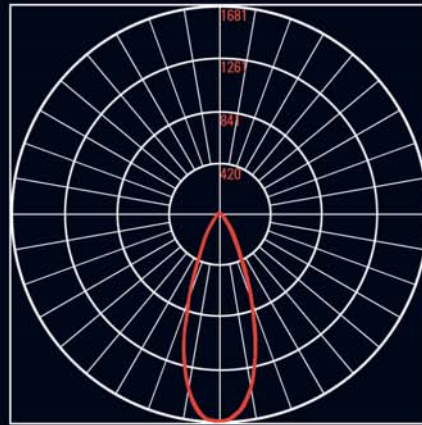
Installation is simplified with an easy-to-use spring system that holds the fixture into the ceiling without the requirement of screws or difficult to use clips.

energy efficient

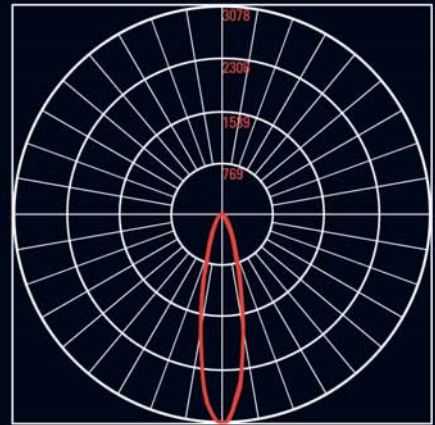
Photometric Data



60 Degrees



36 Degrees



22 Degrees

Energy Consumption and Cost Comparison



Osram MR16 50W

Intralux Enepro 16W

Operational Criteria

- * 10 Hrs/Day of operation
- * 250 Days per year
- * 20 Fixtures in use
- * Based on 19.2 c / kWh
- * Osram data as per manufacturer specifications**

Ordering Enepro

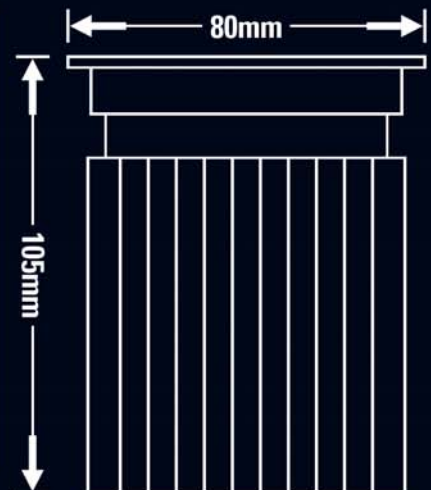
Simply specify the Product Code utilising the following information:

Enepro Lamp Watts Colour Temp Beam Angle Trim Colour
ENLED-16-32-60-W2

Dimming Enepro

To dim Enepro, compatible 1-10VDC dimming equipment can be used in conjunction with a dimming interface. For more information contact your Intralux Distributor. Compatibility of power supplies and dimmers should be considered.

Enepro			
Enepro Fixtures	ENLED-16-32-60	ENLED-16-32-36	ENLED-16-32-22
Lamp Type	Nichia Power LED	Nichia Power LED	Nichia Power LED
Total Lamp Watts	16 Watts	16 Watts	16 Watts
Lamp Performance	1085 LED Lumens	1085 LED Lumens	1085 LED Lumens
Luminaire Lumens	827	802	803
Lamp Colour / CRI	3200k / 85	3200k / 85	3200k / 85
Beam Angle	60°	36°	22°
Luminaire Efficiency	76%	74%	74%
No. of LEDs Per Fixture	7	7	7
Lamp Module Life*	50,000 Hours	50,000 Hours	50,000 Hours



* 50,000 hours ~ 70% luminous output ~ 40c ta. ** Osram Decostar Titan 50W Lamp, Osram ET-REDBACK 60VA Transformer.



Intralux Australia Pty Limited (Head Office and Export Sales) A.C.N. 010 644 694: 23 Enterprise Street, Richlands, Brisbane Qld 4077, Australia.
 Tel: +61 7 3375 9333 Fax: +61 7 3375 9444 Email: info@intralux.com Web: www.intralux.com

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