

INDIGO COMBO BETA



eaglelightingaustralia
'Member of the Fagerhult Group'



INTRODUCTION

If you've been looking for a luminaire that unites energy efficiency with good lighting comfort then look no further than the Indigo Combo.

This brochure will introduce you to the Indigo Combo Beta, and demonstrates how it could be the solution you've been looking for in today's modern office environment.

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INDIGO COMBO BETA

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INDIGO COMBO

A highly efficient luminaire for recessed installation in ventilated or unventilated suspended ceilings



www.eaglelighting.com.au/indigo_combo



LINED DIFFUSER



BETA LOUVRE

The uncomplicated and clean recessed design, combined with high efficiency and technical performance allows Indigo Combo to create comfortable environments by reducing cavernous effects.

Indigo Combo is available in square or rectangular designs and in two sizes with one or two louvre cells with up to four light sources. The active Beta louvre can be combined with an indirect light distribution in the luminaire's secondary reflector.

In addition, the Beta luminaire's lined diffuser can be finished in several different colours, offering a decorative indirect light, for exciting and distinctive environments.

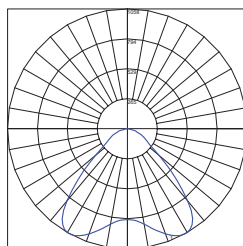
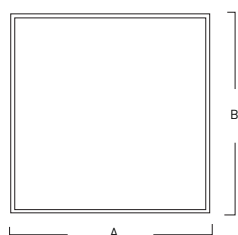
OPTIONS

- + Return/Supply Air
- + Baffles
- + Seismic Restraint

N18226 **IES** **Ag32**

TECHNICAL INFORMATION

INDIGO COMBO 1x28W | LOR 88%



PRODUCT CODE	LIGHT SOURCE/DESCRIPTION	(NOM) DIMENSIONS			
		A	B	C	CUTOUT
INDIGO COMBO EXPOSED T-BAR					
EL-24855-128-100-__	1 x 25/28W	300	1200	130	
EL-24856-228-100-__	2 x 25/28W	300	1200	130	
EL-24857-154-100-__	1 x 50/54W	300	1200	130	
EL-24871-128-100-__	1 x 25/28W	600	1200	130	
EL-24872-228-100-__	2 x 25/28W	600	1200	130	
EL-24873-154-100-__	1 x 50/54W	600	1200	130	
EL-24862-214-100-__	2 x 13/14W	600	600	130	
EL-24864-224-100-__	2 x 20/24W	600	600	130	

VARIATION	SUFFIX
Standard	-0
DSI/STD terminal block	-1
DALI/STD terminal block	-2
1-10V/STD terminal block	-3
Standard/Fused terminal block	-4
DSI/Fused terminal block	-5
DALI/Fused terminal block	-6
1-10V/Fused terminal block	-7

All photometric, spectrometric and electrical data have a tolerance of $\pm 10\%$.

FEATURES AND BENEFITS



Indigo Combo Beta

1. With several different wattages and module sizes providing total flexibility within the interior, and with dimming available, the Indigo Combo Beta 1-cell is suitable for any interior application
2. A two-piece transitional reflector element finished in low sheen satin-white provides a diffused, even flashing across the indirect reflector surface area.
3. The extruded aluminium curved side element reduces contrast brightness and eliminates the dark edge within the optic system. This provides high visual comfort and a pleasing ambiance.
4. The functional, snap-in prismatic reeded dust covers will prevent dust from collecting on top of the lamps, ensuring LOR is maintained.
5. The reeded prismatic diffuser further breaks up the direct light onto the transitional reflector eliminating lamp flashing on the reflector.
6. The dust cover also allows the lamps to operate in a controlled temperature zone by retaining sufficient heat in the optical area, ensuring maximum output from the lamp.
7. A single Beta R5 satin "Miro" aluminium louvre provides excellent mechanical cut-off at all critical viewing angles. The louvre is also designed to provide a dispersive distribution enabling the luminaire to provide excellent uniformity.



When considering today's modern office environment, a lot of effort is made to design and create offices and work-spaces that support communication and interaction; by planning them in such a way that it is attractive to the people who must inhabit them.

With open-office spaces being the trend at present, consideration needs to be given to designing a well-lit environment for the workers who spend their time in it. The Indigo Combo Beta is the perfect luminaire for these requirements.

The uncomplicated, clean recessed design of the Indigo Combo, coupled with high efficiency and technical performance produces airy and light environments that actually foster creativity amongst workers by counteracting eye-fatigue and other biological effects of a poorly lit space.

A number of configurations for the Indigo Combo are available, this allows the lighting designer the flexibility to create the space they desire.

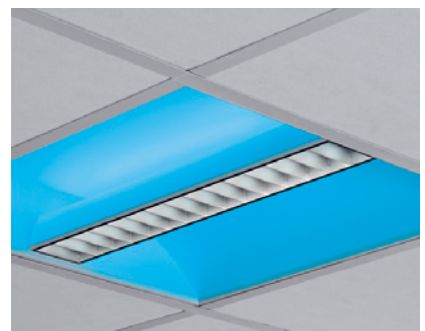
For more detailed information visit:
www.eaglelighting.com.au/f/indigocombo



The Indigo luminaire range unites energy efficiency with good lighting comfort. Its combination of direct and indirect light creates comfortable and glare-free working environments.

The light distribution of the Indigo luminaires offers stimulating and ergonomic lighting where the influence of the light is extremely important. The highly efficient Indigo Combo is a predominantly direct light that through advanced louvre technology provides indirect illumination also.

The active Beta louvre can be combined with indirect light distribution in the luminaire's secondary reflector. The luminaire's lined diffuser can also be finished in several different colours, offering a decorative indirect light, for exciting and distinctive environments.





INDIGO COMBO

INSTALLATION GUIDE

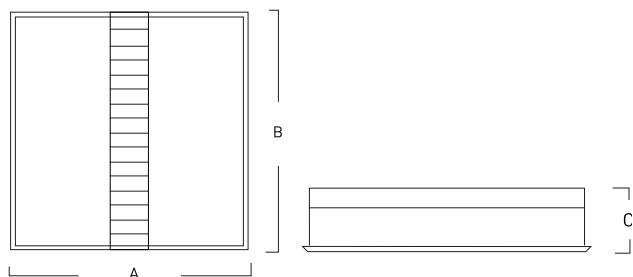
THIS GUIDE IS FOR THE FOLLOWING LUMINAIRE VARIATIONS:

- + Exposed T-Bar
- + Plaster Recessed

- + PLEASE READ THIS GUIDE CAREFULLY BEFORE INSTALLING OR MAINTAINING THIS EQUIPMENT.
- + DATA SHOULD BE USED AS AN INDICATION ONLY.
- + GOOD ELECTRICAL PRACTICES SHOULD BE FOLLOWED AT ALL TIMES.
- + MUST ONLY BE INSTALLED BY A LICENSED ELECTRICIAN.

N18226

DIMENSIONS DIAGRAM



PRODUCT CODE	LIGHT SOURCE/DESCRIPTION	(NOM) DIMENSIONS				
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SPECIFICATION



Luminaire's light distribution is direct/indirect.



Denotes which light source/light sources that can be supplied with the luminaire. Several symbols next to the same luminaire indicate that the luminaire is available in different designs.



Luminaire is designed for the T5-light source's unique characteristics. The small diameter of the fluorescent lamp has created new conditions for light control.



IP classification:

IP20 : Protected against solid objects greater than 12 mm, e.g. persons fingers.



Class I : Appliances with functioning insulation. Equipped with an earth termination.



Luminaire can be obtained in designs with emLED.



Luminaire is available in designs for conventional emergency lighting operation.



This luminaire is not suitable for covering with thermally insulating material.

WEIGHT: 5.5Kg (Nominal size 1200x300)

All photometric, spectrometric and electrical data have a tolerance of $\pm 10\%$.

INDIGO COMBO

INSTALLATION INSTRUCTIONS

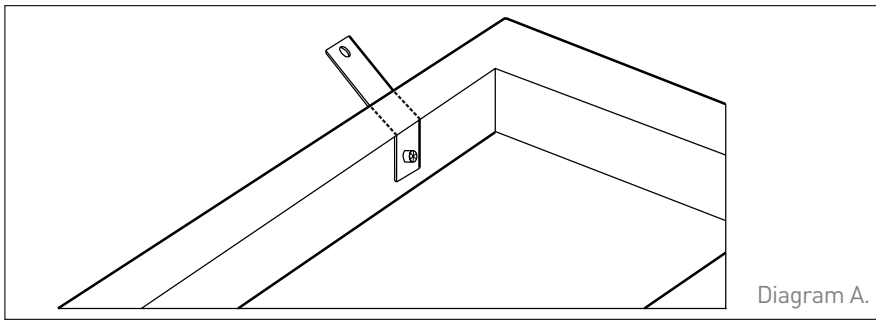
The Indigo Combo luminaire is shipped as a complete luminaire with the exception of Plaster Recessed variations only, which come with additional brackets and fasteners.

Indigo Combo | T-Bar

- Step 1: Lift Indigo Combo body into ceiling cavity.
- Step 2: Complete electrical connection.
- Step 3: Position Indigo Combo body centrally within T-Bar.
- Step 4: Ensure lamp is fitted correctly.

Indigo Combo | Plaster Recessed

- Step 1: Cut-out the correct hole size in the ceiling for your Indigo Combo luminaire.
- Step 2: Lift plaster frame to plaster cutout.
- Step 3: Insert and fasten Plaster Recessed brackets into slots as indicated in Diagram A. Ensure fasteners are not overtightened.



- Step 4: Lift Indigo Combo luminaire into ceiling cavity.
- Step 5: Complete electrical connection.
- Step 6: Position luminaire centrally within plaster frame.
- Step 7: Ensure lamp is fitted correctly.

GENERAL INFORMATION

- + A qualified electrician, in accordance with AS/NZS 3000:2007 wiring regulations should carry out connection to mains wiring.
- + This unit must be EARTHED.
- + Ensure that the rated voltage and frequency requirements are compatible with the available mains supply, 220-240V 50Hz
- + Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid.
- + Do not carry out high voltage insulation test i.e. 500/1000V this may damage the fixtures electrical components.

1 O'CONNELL STREET SYDNEY, NSW

PROJECT

Project managers, TR Group were charged with transforming a 35-floor building in the centre of the Sydney CBD into a quality A-grade building. They looked specifically for an Australian manufactured product to suit the new CSR/ Fricker ceiling grid model based on a 1400x1400 tile. The selected product would also have to be a highly efficient, direct/indirect recessed luminaire.

Eagle Lighting Australia, put forward the Indigo Combo as our solution, custom manufactured in our Melbourne facility. We offered the Indigo Combo due to its high visual comfort and optimum efficiency with a unique low brightness louvre.

The outstanding performance of the Indigo Combo Beta allowed for fewer luminaires to be used in this project, substantially reducing the energy and cooling costs. A lifecycle cost calculation performed on a single floor revealed cost savings of over \$24,000 based on a ten-year timeframe. If replicated over 35 floors of this project, savings in excess of \$840,000 were calculated.

The end result was pleasing to all concerned, with the belief that the quality of the floor can be directly attributed to the ambience of the lighting.





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F 08 9377 1761

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