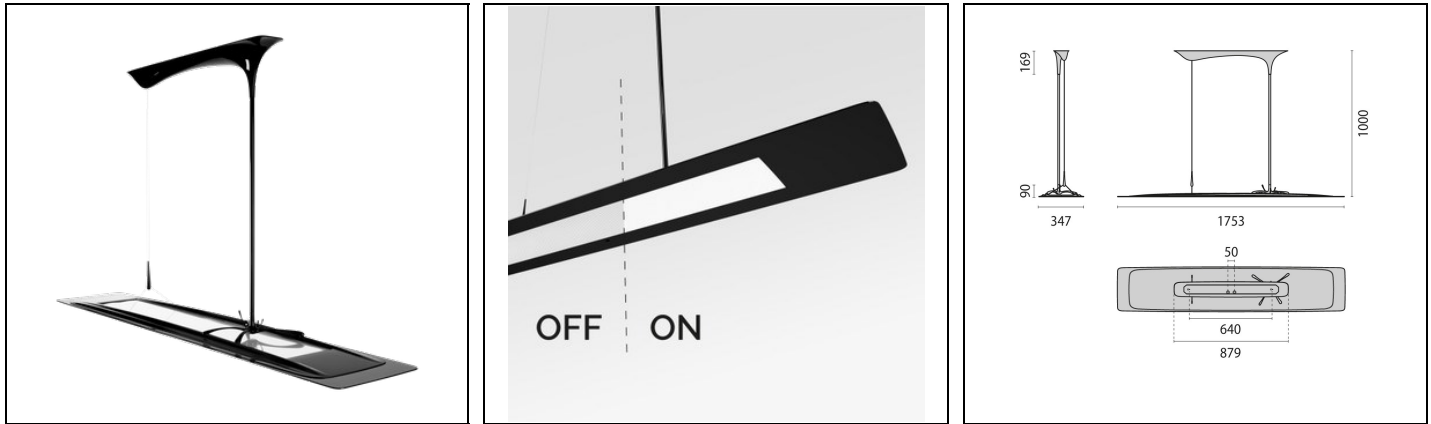


# IN-TENSE PL M2 BLACK TR

Part number 8808411723382



## Description

Suspended, LED luminaire for indoor, comprising:

- Tempered, flat glass diffuser with thermoformed technopolymer housing
- Pendant metal tube and suspension cable on one side only, with drop-shaped die-cast coupling

The luminaire is available with different light engines:

- High transparent glass with a black ceramic edge (BLACK TR) and integrated micro prism diffuser for efficient light distribution, glare minimisation, and excellent uniformity
- Direct/indirect-beam light distribution for an improved room atmosphere and increased visual comfort
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour tolerance according to MacAdam  $\leq 3$  SDCM
- VDU application suitable acc. to EN 12464-1
- Special colour versions available. Consult factory
- Pendant tube, cable suspension, supply cable and ceiling canopy included
- Design by WALTER DE SILVA
- Design by WALTER DE SILVA

To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website [www.performanceinlighting.com](http://www.performanceinlighting.com). Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

## Product data

ETIM Group:	EG000027	ETIM Class:	EC001743
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	11250	Luminaire lumen output [lm]:	8390
Luminaire wattage [W]:	78 W	Luminous efficacy [lm/W]:	108
CRI:	80	Colour temperature [K]:	3000
Colour / Finishing:	BK-RAL9005 / Black RAL9005 / Glossy	IP degree of protection:	IP20
Impact resistance / impact energy:	IK04 0.5J xx3	Protection class:	I
Optic:	S/C - Symmetric direct-indirect	Beam angle:	2 x 49°
Net weight [kg]:	13.5	Overall length [mm]:	1753
Overall width [mm]:	347	Overall height [mm]:	1000

## Mechanical features

Shape:	Rectangular	Housing material:	Plastic
Diffuser material:	Glass	Glow wire test [°C]:	650 °C

## Electrical features

Voltage type:	AC	Input voltage [V AC]:	220/240
Input frequency [Hz]:	220-240V 50/60Hz	Power factor / COS Φ:	0.9
Input voltage [V DC]:	168/275	Inrush current [A/μs]:	20 / 240
C10 1.5 mm <sup>2</sup> :	24	C16 2.5 mm <sup>2</sup> :	40
B10 1.5 mm <sup>2</sup> :	15	B16 2.5 mm <sup>2</sup> :	24
EEL:	A2		

## Installation

Application area:	Indoor lighting	Mounting type:	Suspended
Min. ambient temperature [°C]:	10	Max. ambient temperature [°C]:	40

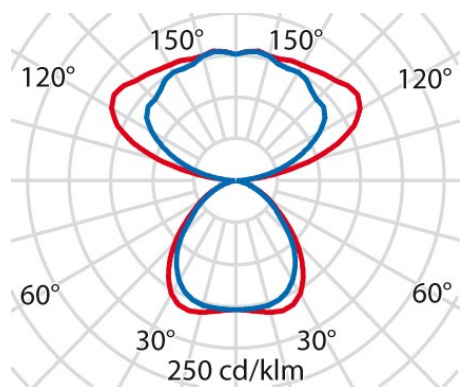
## Light features

MacAdam:	3	Lumen maintenance:	L80B10@50000h
Distribution of light emission:	Direct/Indirect	DFF - Downward Flux Fraction [%]:	36
UFF - Upward Flux Fraction [%]:	64	UGR max.:	14.0

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## Photometric data

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