

## Moodspot WD1830 LED-downlight

### Technical specifications



<b>LED-engine:</b>	Colour temperature:	1800K~3000K / Warm dimming
	Colour rendering:	Ra > 975 / R9 > 90 (CCT @ 3000K)
	Colour variation:	3 MacAdam Elipse (3000K) 5 MaxAdam Elipse (1800K) 3000 lumen (3000K)
	Lumen output:	3000 lumen (3000K)
	Dimming mode:	Warm dimming
	Efficiency:	>90%
<b>Power:</b>	Forward Voltage:	36VDC maximum
	Forward Current:	950mA maximum
	Power Consumption:	34Watt
<b>External LED-driver Specifications:</b>	Constant Current type:	DMX512/IZI-Link CCx range of LED-drivers, DALI / 1..10V, Phase dimmable)
	Forward voltage:	37VDC maximum
	Drive current:	950mA maximum
	Power rating:	40Watt nominal
<b>Miscellaneous:</b>	Beam-angle:	15° / 25° / 40° / 60°
	Material:	Aluminum housing, PMMA reflector
	Lifespan:	> 50.000 hours L80 [10K]
	Weight:	940 grams
	IP-Rating:	IP20
	Cable length:	300mm 2-core wire
	Connection:	WAGO 734-302 / Male MCS Mini / 2-pole
<b>Accessories:</b>	Accessories:	Snout / Honeycomb / Barndoors
	Mating part connector:	WAGO 734-102 / Female MCS Mini / 2-pole
<b>Versions:</b>	Housings:	Recessed / Bracket / Pendant / Track
	Colours:	Black or white finish
<b>Control:</b>	IZI-Link:	Art-Net / sACN / DMX512 via the IZI-Link Power Line Communications system. More info @ <a href="http://www.tde-lighttech.nl">www.tde-lighttech.nl</a>

The Moodspot WD1830 Adjustable Downlight is a **Warm dimming Downlight** specially designed for **houselights for Theater, auditorium and entertainment applications**.

The Moodspot WD1830 contains **Warm Dimming technology**, so that the color temperature gradually becomes **warmer while dimming** the Moodspot.

In combination with our **IZI-Drive CCx range of LED-drivers** the Moodspot WD1830 is able to **dim flicker free** and smooth all the way down to **0.0%**.

#### Features:

- Warm dimming 1800K~3000K CCT-range
- High CRI and R9 values
- High output up to 3000 lumen
- Lifespan > 50.000+ hours

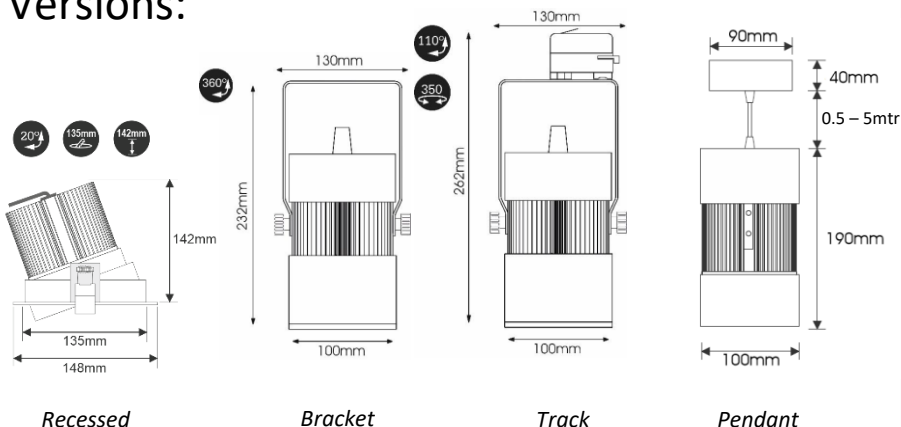
**Warranty:** 5 years

#### Certifications:

Glow-wire test: 2033673.01

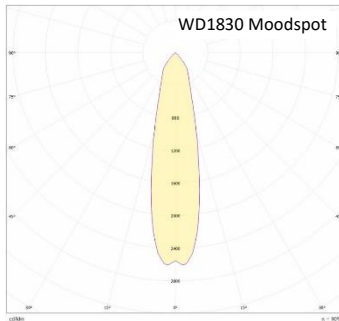


### Versions:

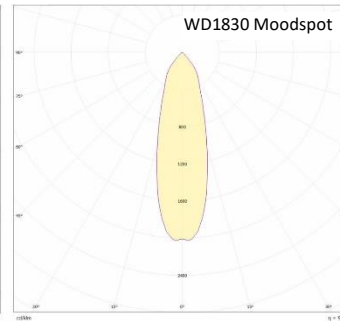


## Photometric data

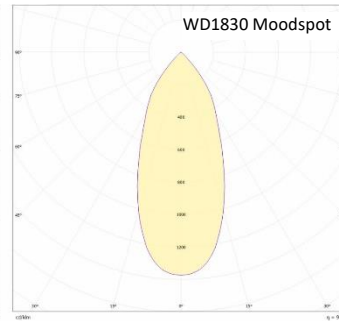
Polar chart 15° optic



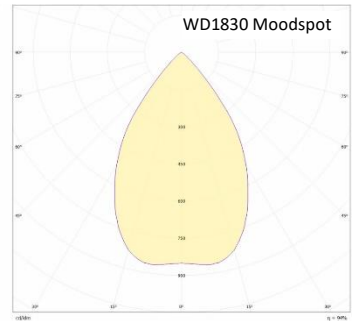
Polar chart 25° optic



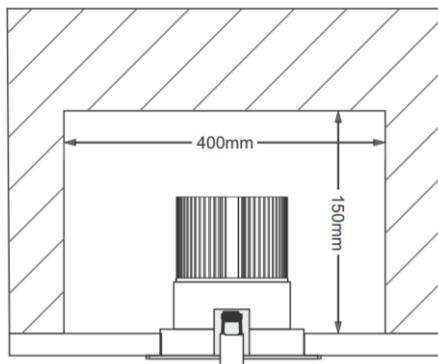
Polar chart 40° optic



Polar chart 60° optic

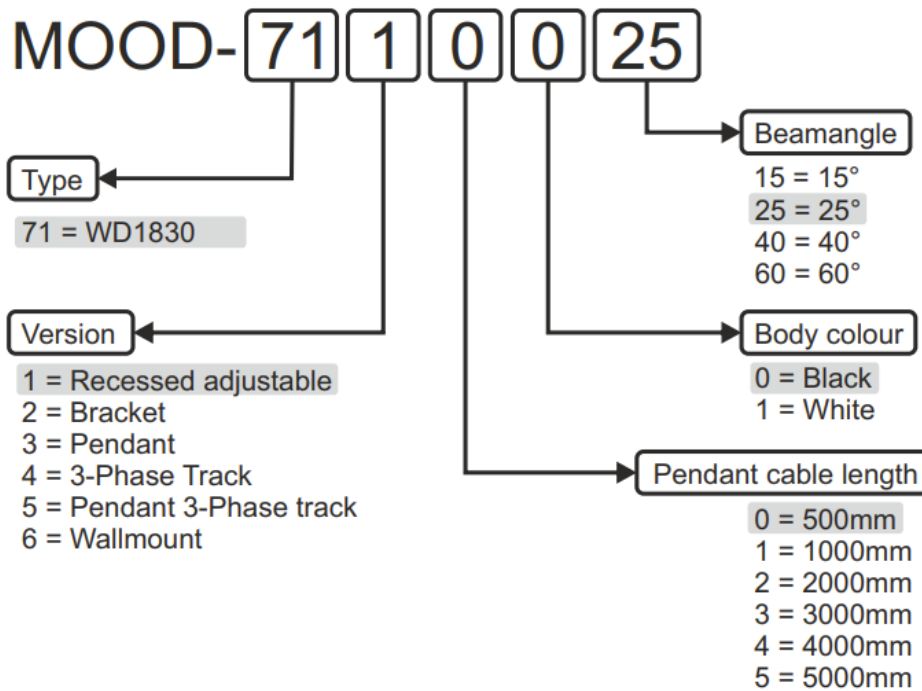


## Minimum spacing recessed version



Luminaire not suitable for covering with thermal insulating materials. Allow air to flow freely around the fixture.

Moodspot WD1830 ordercodes:



**Moodspot WD1830 ACCESSOIRES:**

- MOOD-0110015 Reflector 92mm 15°
- MOOD-0110025 Reflector 92mm 25°
- MOOD-0110040 Reflector 92mm 40°
- MOOD-0110060 Reflector 92mm 60°
  
- MOOD-0210005 Reflector Cover plate Clear
  
- MOOD-0000000 Barndoor black
- MOOD-0000005 Honeycomb black
  
- WAGO=3010155 T-distributor 2-pole (770-1601)
- WAGO=3010160 H-distributor 2-pole (770-1680)
- WAGO=3010165 2-pole Female connector (770-242)
- WAGO=3010170 2-pole Male connector (770-252)
- WAGO=3010180 Strain relief 2-pole connector (770-502)

TDE-lighttech has a wide range of Moodspots and IZI-Link products. Consult our website or contact our dealers for further information.

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