

Moodspot TW2000 Downlight (Recessed)

Technical specifications



LED	Colour temperature:	4000K~1400K (Default setting) 5500K~1400K (User setting)
	Colour rendering:	Ra > 90 / R9 > 90 (CCT @ 3000K)
	Colour variation:	3 MacAdam Elipse
	Lumen output:	2000 lumen (3000K)
	Dimming range:	Smooth dimming to 0%
	User-mode:	CCT-tuning and Warm dimming
	Efficiency:	>90%
Power	Power supply:	48VDC IZI-Link
	Current:	750mA
	Consumption:	34 Watt
Miscellaneous	Material:	Aluminum (lens: PMMA)
	Lifespan:	> 40.000 hours L80 [10K]
	Lenses:	13° / 20° / 35° / 45°
	Weight:	940 grams
	IP-Rating:	IP20
	Cable length:	300mm 2-core wire
	Connection:	WAGO 770-252 / Winsta MIDI / 2-pole
Accessories	Accessories:	Snout / Honeycomb / Barndoors
	Connectors:	WAGO male & female / T-block
Version	Flange:	Black or white finish
Control	Driver:	Built-in IZI-link driver
	Control:	IZI-link system

The Moodspot TW2000 Downlight is a **Tunable White LED spot** which alters the emotional experience of a certain space. With its **internal IZI-link LED driver** it can perfectly mimic **halogen style dimming**, the Moodspot embraces the black body curve while **dimming flicker free** all the way down to 0%.

Features:

Smooth and flicker free dimming to 0%

High output of 2000 lumen

Tunable white (Default 4000K~1400K) (User 5500K~1400K)

Lifespan of 40.000+ hours

Warranty:

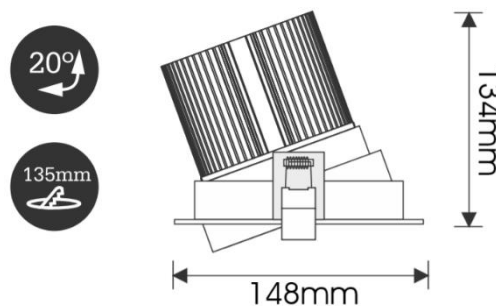
5 years

Certifications:



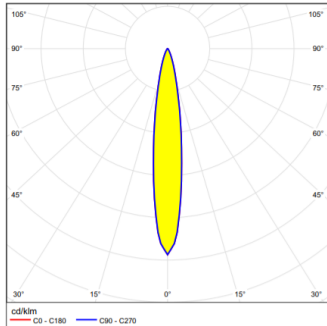
Dimensions

Overall dimensions:	148 x 134mm
Cut out:	135mm
Housing:	Adjustable (2x20°)

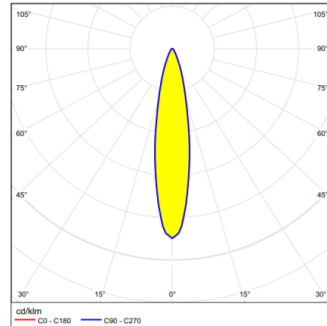


Photometric data

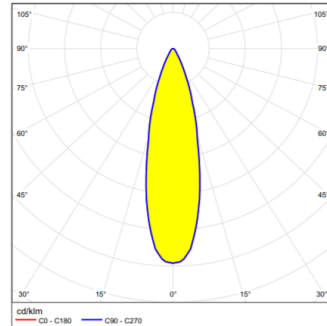
Polar chart 13° optic



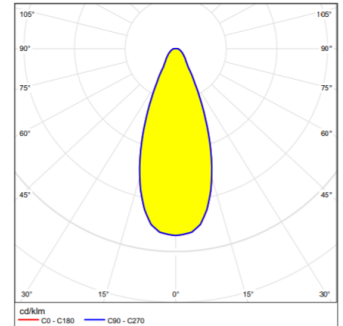
Polar chart 20° optic



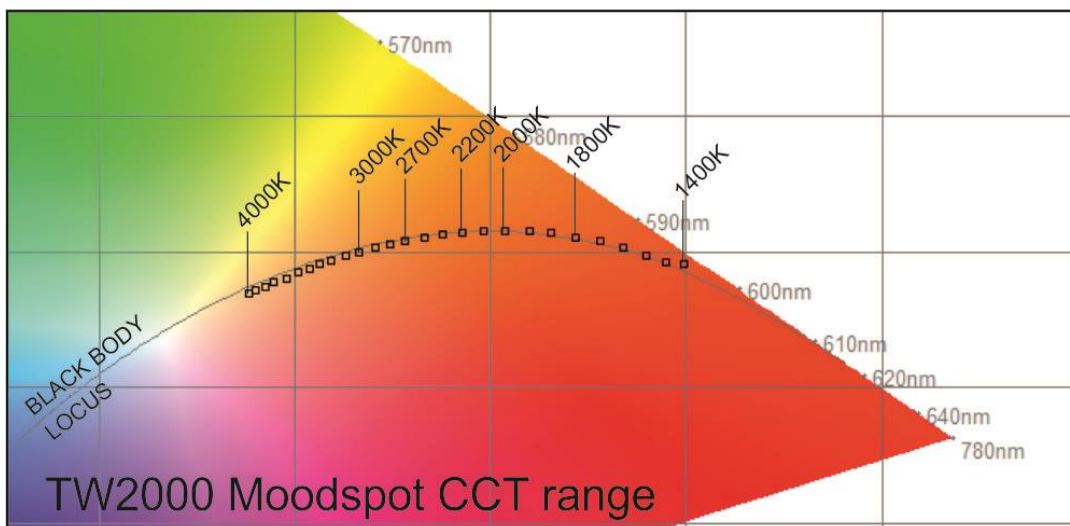
Polar chart 35° optic



Polar chart 45° optic



Black body locus



Order code

Lenses

Lens 13°
Lens 20°
Lens 35°
Lens 45°

Black finish

MO.TW2.R.B.13
MO.TW2.R.B.20
MO.TW2.R.B.35
MO.TW2.R.B.45

White finish

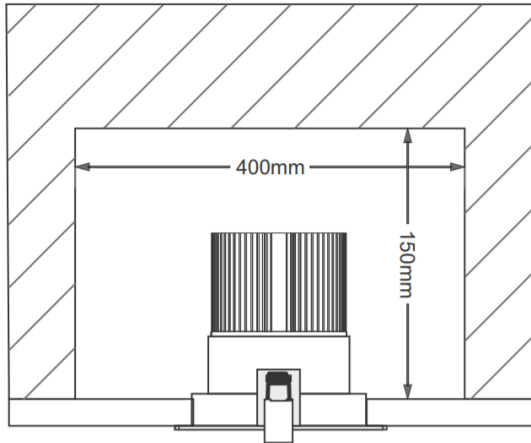
MO.TW2.R.W.13
MO.TW2.R.W.20
MO.TW2.R.W.35
MO.TW2.R.W.45

Accessories

Honeycomb
Barndoors
WAGO female
T-block
T-block + male & female connector
H-block + male & female connector

MO2.HC
MO2.BD
MO2.CON1
MO2.CON2
MO2.CON2
MO2.CON4

Minimum spacing



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

Connection IZI-Link

The following connection overview is a simplified overview of the system. For more detailed information about the IZI-Link system visit our website.

The Moodspot TW2000 Downlight LED spot is prepared with a two wired cable.

