



# FLOWELL SLABS

## TECHNICAL DATASHEET

Updated: 2024/03/05

- 1. Electrical..... 2
- 2. Mechanical..... 2

## 1. Electrical characteristics.

Size	Depending on reference.
Max Power <sup>1</sup>	White LED : 370W pr sqm Red LED: 205W pr sqm
Night Consumption <sup>2</sup>	Around 6% of max power
Thickness (slabs)	7mm
Thickness (installed)	9 to 10mm
Operating Voltage	36 to 48VDC

## 2. Mechanical performances.

Weight resistance	13 tons per axle load
Impact resistance	IK10
Water resistance	IPX8 (immersion) & IPX9 (Water jets)
Traffic resistance	P6 (2 million rollovers)
Skid resistance	SRT > 0,45
Resistance to deicing agents	Yes
Resistance to snowplow	Possible if slabs are recess-mounted in the pavement

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<sup>1</sup> Examples :

Slabs REC003 261x515mm White : 46W

Slabs REC001 125x515mm Red : 10W

<sup>2</sup> The power is adjusted in real-time based on the external brightness (auto dimming)