



INTELLi^{light}

INTELLi^{light}® is our new, patented and revolutionary lighting system. It works as a stand alone system or can be integrated to the vehicle UI (User Interface). INTELLi^{light}® connects all lights in a closed wireless mesh network, meaning you get all the functions without additional cables. This ensures it is easy to install, even on existing vehicles. All the units are registered via the app, making it possible to control them individually and program their settings to your own personal preferences. You can also program the remote for quick and handy access. Additional features include, changing of colour temperature and intensity as well as the ability to group and regroup lights.

Patented:
US 9 975 472 B2
EP 3 088 250 B1
JP 6 894 192 B2



reddot winner 2022
interface design

TECHNICAL DATA

- Housing Material:** Cast Aluminium
- Mounting Options:** Hanging
Standing
- Lens Material:** Polycarbonate
- Temperature range:** -40 to +85 °C
- Connector:** Deutsch (DT04-2P)
built in
- Weight:** 1,15 kg / 2,54 lb
- Light Patterns:** Narrow Symmetric
Medium Symmetric
Wide Symmetric
Medium Asymmetric
Wide Asymmetric

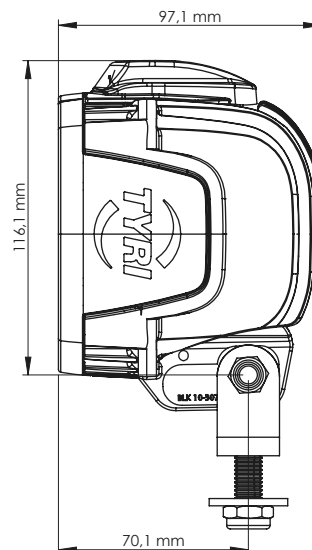
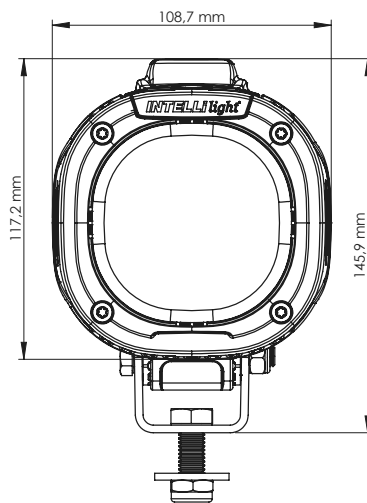
FEATURES

- Overheating Protection
- Over-voltage Protection
- Polarity Protection
- Dampened
- High CRI

TEST STANDARDS

- Salt Spray ASTM B117 500 h
- Vibration 5-2000 Hz 3 Axis, 15.3 G
- Shock Tested 50 G 11 ms
- IP69K
- EMC EN55025 / CISPR 25 Class 4
ISO 16750-2 / ISO 7637-2 /
RED / FCC / MIC Radio
- ECE R10

For further information visit www.tyrilights.com or contact your local sales team.



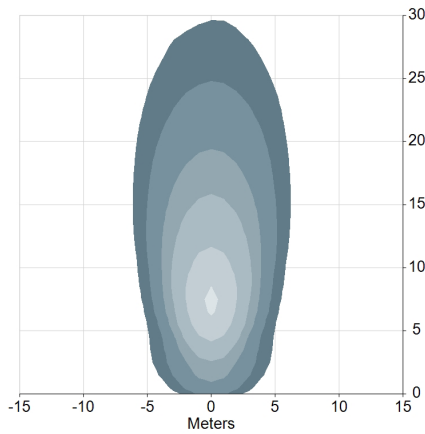


INTELLi^{light}

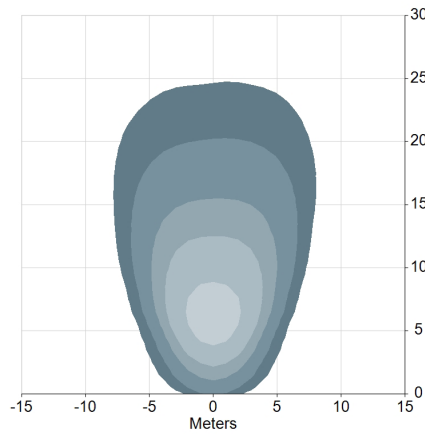
LIGHT OUTPUT	VOLTAGE		AMP DRAW		POWER	COLOR TEMP	LENS PATTERN	PART NO.	EMC	ECE
	Effective Lumen	Machine	Operating	12 V	24 V	Watts			K	EN55025 / CISPR25
0- 2,900 eLm	12-24 V	9-32 V	2,6 A	1,3 A	36 W	2,700- 6,500 K	Narrow Symmetric Medium Symmetric Wide Symmetric Medium Asymmetric Wide Asymmetric		4	R10

TYPICAL LIGHT PATTERNS

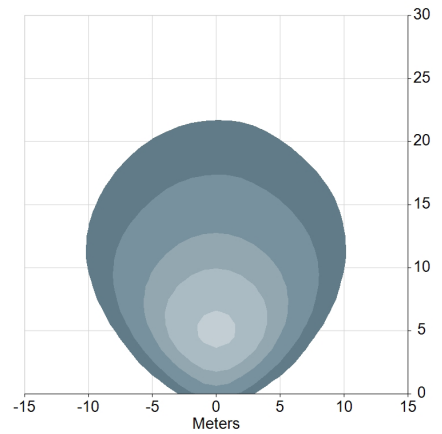
Example for INTELLi^{light}® / 2,900 effective lumen



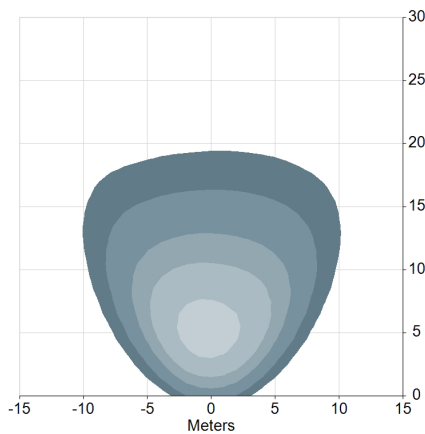
INTELLi^{light}® / 2,900 eLm
Narrow, 0-30°
3.0 m / -15°
Symmetric



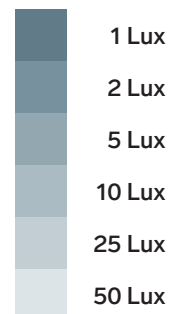
INTELLi^{light}® / 2,900 eLm
Medium, 31 - 45°
3.0 m / -15°
Symmetric



INTELLi^{light}® / 2,900 eLm
Wide, 45° +
3.0 m / -15°
Symmetric



INTELLi^{light}® / 2,900 eLm
Wide, 45° +
3.0 m / -15°
Asymmetric



LED work lights are exposed to dirt, fertilizers, road salt, acids and more. For best performance and long lifetime, the lens and the cooling fins must be cleaned on a regular basis.