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External LED illumination

MKS01

Power supply	16,8 V to 60 V DC
Standard	ČSN EN 50155
Ambient temp.	T1 and T2
Dimension	230 x 537 x 167 mm
IP rating	IP65

Modul of LED lights. Combination LED headlamp BKS12 and marker (red/white) light BKS04.



External LED illumination

RLGo1

Power supply	16,8 V to 30 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	441 x 624 x 200 mm
IP rating	IP20

LED headlight RLGo1 according to standards GOST 12.2.056-81.



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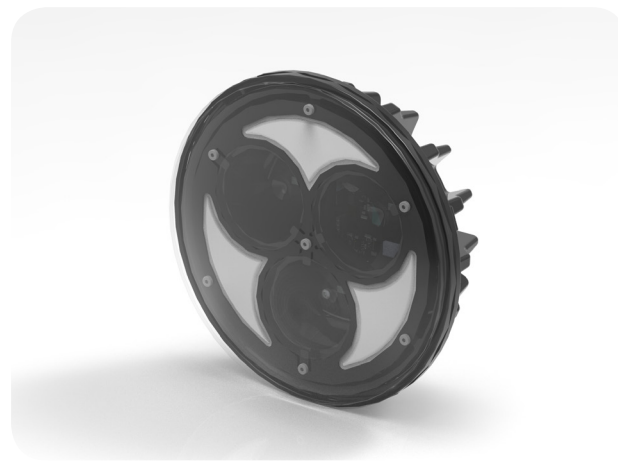


External LED illumination

MTL11 for DS2000

Power supply	16.8 - 30 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	664 x 421 x 151 mm
IP rating	IP65

New modular train light. LED headlight with marker. Available also ALL-IN ONE version with tail light.



External LED illumination

BKS_PAR56

Power supply	24 - 110 V DC
Standard	49 CRF 229.125
Ambient temp.	T2
Dimension	Ø 177 x 90 mm
IP rating	IP65

LED headlight with PAR56 assembly.

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External LED Illumination

MSV elektronika s.r.o. is a manufacturer of LED signal lights and LED reflectors designed for use in railway vehicles.

We designed and manufacture the external lights that utilize high intensity SMD LEDs, extruded light reflector and special optics in case of headlights.

The electronics and optics are placed in metal casting designed for the protection and fitting.





External LED illumination

BKS11

Power supply	16,8 V to 60 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	248 x 248 x 106 mm
IP rating	IP65

Outside LED headlight. Available also the ALL-IN ONE version with LED headlight + white marker + red tail light in one .

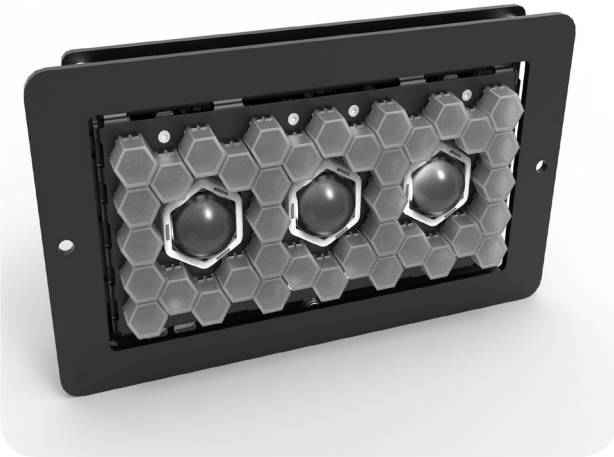


External LED illumination

BKSo4

Power supply	16,8 V to 60 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	248 x 248 x 106 mm
IP rating	IP65

White marker or red tail LED light. Combination light white + red is available too.

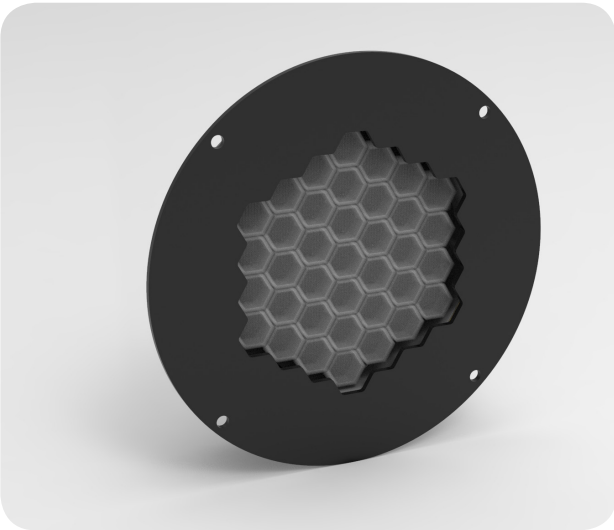


External LED illumination

MTL11

Power supply	16.8 - 30 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	270 x 150 x 100 mm
IP rating	IP20

New modular train light. LED headlight with marker. Available also ALL-IN ONE version with tail light.



External LED illumination

MTLo4

Power supply	16.8 - 30 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	Ø 197 x 69.3 mm
IP rating	IP65

New modular train light. White marker or red tail light. Combination of white and red is available too.

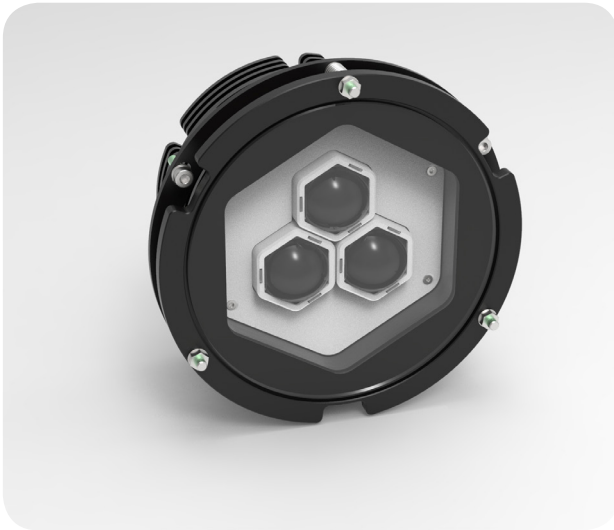


External LED illumination

BKS20

Power supply	16.8 - 30 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	Ø 165 x 51 mm
IP rating	IP65

Red signal tail lamp, which is designed as outer lighting of rail vehicles.



External LED illumination

MTL12

Power supply	16,8 V to 60 V DC
Standard	ČSN EN 50155
Ambient temp.	T2
Dimension	Ø 175 x 111 mm
IP rating	IP65

New modular train light. LED headlight.