



BENEFIT

Color precision

Flexibility

Stability

Ease of operation

Adaptability

Lightweight Construction

Diagnostic Capability

PROPERTIES

- Very fine color controlling and calibration
- Firmware can be updated, LIN auto-addressing
- Constant power driver, temperature and age compensation
- Color and intensity are adjustable via smartphone or display screen
- Through the independent color choice the interior lighting can be used to strengthen the own brand
- Individuality for every customer and OEM, drive assistance, save and comfortable driving atmosphere
- LIN-Diagnostic and Error-Communication

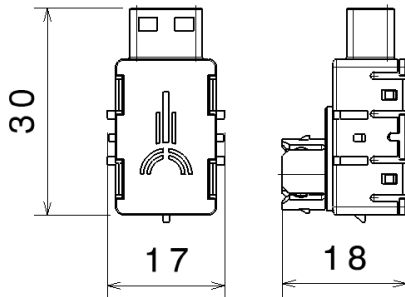
EXAMPLES

- Interior lighting
- Overhead Control Panel
- Going-Home lighting
- Reading- / stacker pocket lighting
- ...

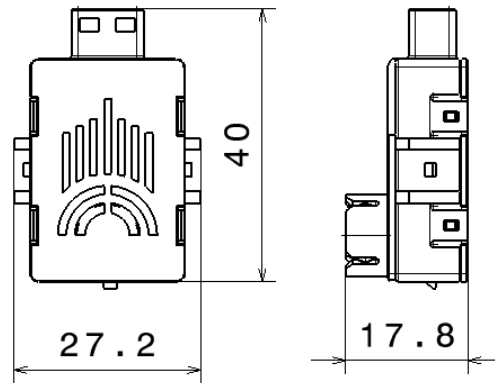
Supply voltage	7V to 18V
Light power	High power < 34000mcd Middle power < 9000mcd Low power < 3000mcd
Energy efficiency	High because of the integrated digital DC/DC
Flexibility of functions	High because of the LIN auto addressing
Communication	LIN Bus
Quantity of colors	one trillion
Integration vehicle	Mounting in different applications like door handle, Overhead Lighting or seat adjustment switch
Handling	with via Bluetooth connected Smartphone or display screen
Functions	Color and intensity are freely adjustable, own error detection and diagnostic capability
Planned Features	Inclusion of gesture recognition
Product Status	Series maturity product, which is adaptable for every customer
Project duration for adjustment	about 1 year



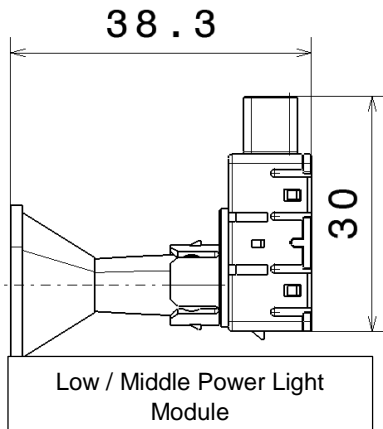
DRAWINGS (IN MM)



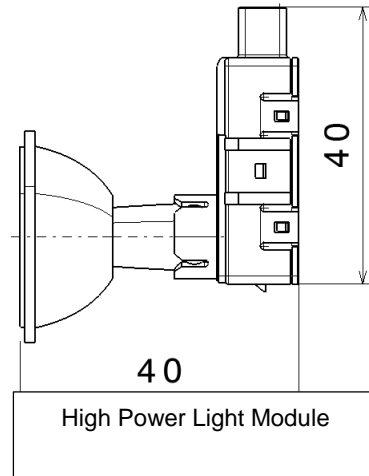
Low / Middle Power Light Engine



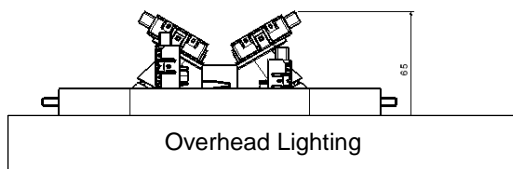
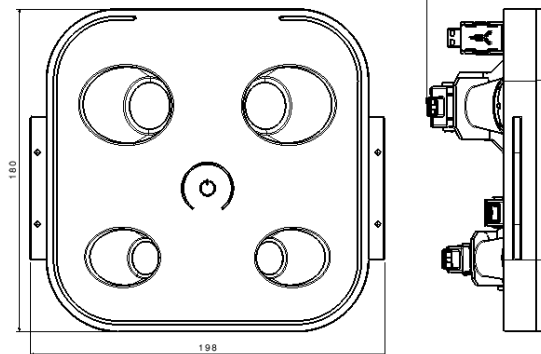
High Power Light Engine



Low / Middle Power Light Module



High Power Light Module



Overhead Lighting



MARQUARDT