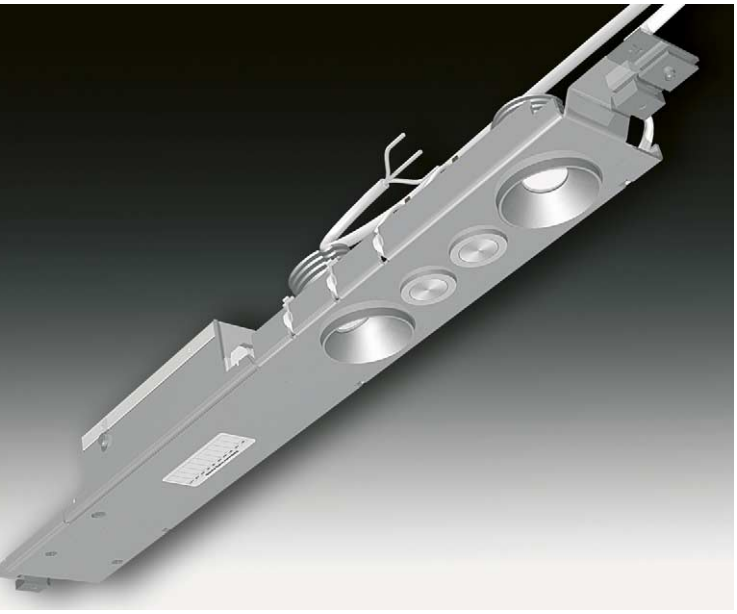
TALENT3 TIR/TIS, BOMBARDIER

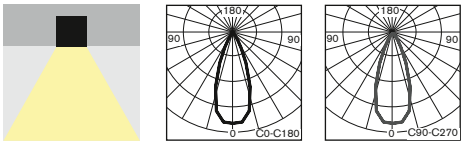


TWIN LED READING LIGHT MODULE



TWIN LED READING MODULE BUILT IN UPPER WINDOW AL PROFILE





- Twin LED reading lights are designed for direct illumination of the seat reading zone to comply with EN13272 (>150lx) for TALENT3 TIR/TIS projects
- Thanks to the variable SEC LED reflector geometry design the light is directed to the required area in all High Floor, Low Floor and 2nd Floor Areas
- The powerful and efficient illumination is ensured by HighPower LEDs CREE XPG2 3000K. The plastic lens are protected by slim protection glass ensuring antigraffity cleaner resistance
- Each LED can be individualy ON/OFF by metal switch
- Each modul is equipped with remote control test function which allows to turn ON/OFF all the fixtures from the driver cabin in order to inspect them during maintenance
- Its design perfectly fits into upper window AL profile which is also in SEC scope

STANDARD FEATURES

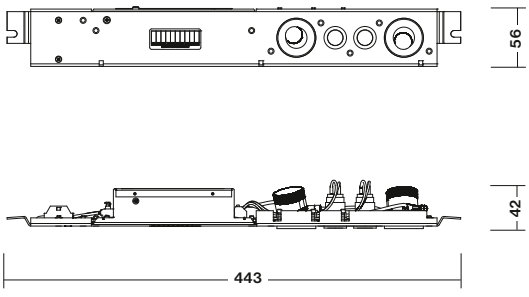
- SEC LED electronic ballast 2xLED/110V DC
- 2x HighPower LED CREE XPG2 3000K L80 >80000h
  - light output of the fixture 2x180lm stabilised in whole range 77-147V DC
  - CRI min 80
  - LED Binning ≤ 3 MacAdam Steps
- 2x metal switches
- Remote control test function allowing turning ON/OFF all the fixtures from the driver cabin in order to inspect them during maintenance
- Halogen-free “inline” wiring (3GKW Betatrans) including I/O WAGO connectors WAGO Winsta MIDI 770-714/007-000
- Assembled in AL extruded profiles (Upper Window Profiles) which are painted with powder paint KABE Polyflex PES-20 (antigraffity cleaner resistant)

OPTIONS

- Alternative colour surface treatment
- Alternative customised dimmensions
- Alternative LED light colour

PRÍPLATKY

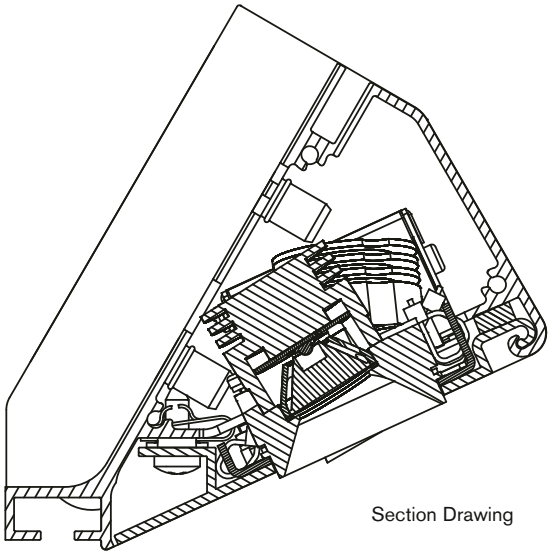
- Alternatívna farba svetla pre LED
- Alternatívna farba povrchu
- Alternatívne rozmery modulov



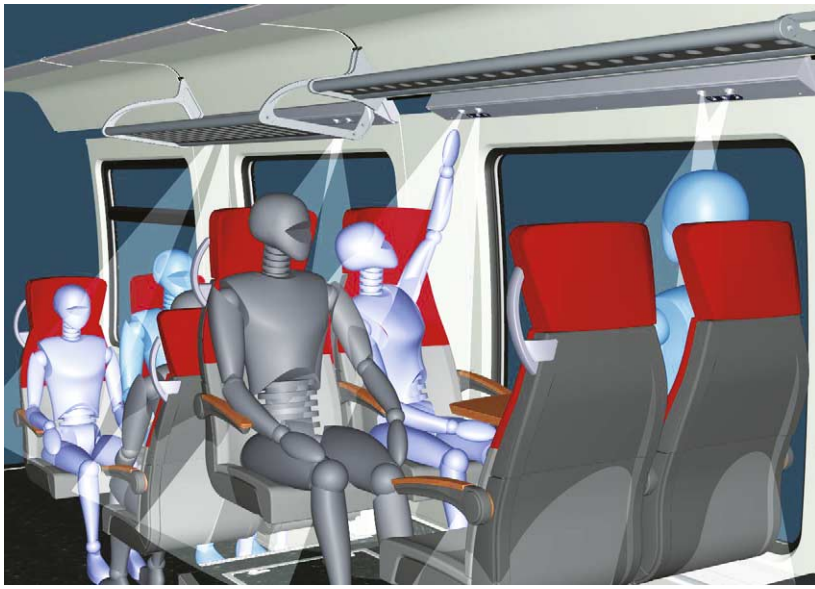
TWIN LED READING MODULES (287-B)

Type / Typ	Dimmensions mm	Power Supply	Light Source / Light Flux	Switch
Twin Reading Light Heigh Floor	443 x 56 x 42 mm	DC 110V (77-147V)	2x CREE XPG2 LED 3000K / 2x 180lm	YES, 2pcs
Twin Reading Light Low Floor	443 x 56 x 42 mm	DC 110V (77-147V)	2x CREE XPG2 LED 3000K / 2x 180lm	YES, 2pcs
Twin Reading Light Low Floor 23	443 x 56 x 42 mm	DC 110V (77-147V)	2x CREE XPG2 LED 3000K / 2x 180lm	YES, 2pcs
Twin Reading Light 2nd Floor	443 x 56 x 42 mm	DC 110V (77-147V)	2x CREE XPG2 LED 3000K / 2x 180lm	YES, 2pcs

Ask SEC for detailed drawings or the specific item order code (design@sec.sk)



Section Drawing



TYPICAL CURRENT VALUES

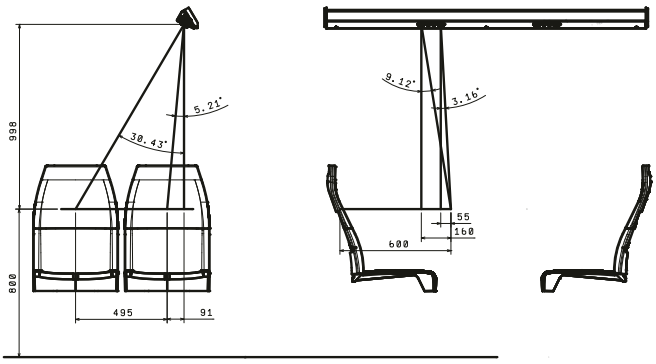
Uin	Uin (V)	Iin (A) LEDs OFF	Pin (W) LEDs OFF	Iin (A) LEDs ON	Pin (W) LEDs ON	I LED 1 (A)	I LED 2 (A)
MIN	77 *	0,0021	0,16	0,104	8,00	0,76	0,76
WORK	126,5 *	0,0087	1,10	0,064	8,05	0,76	0,76
MAX	147 *	0,0056	0,83	0,055	8,09	0,76	0,76

MAXIMUM CURRENT VALUES

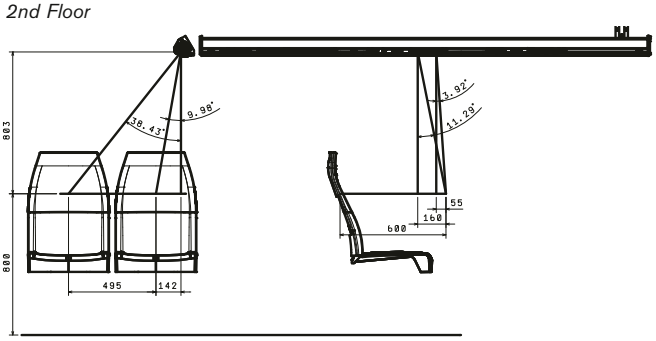
Uin	Uin (V)	Iin (A) LEDs OFF	Pin (W) LEDs OFF	Iin (A) LEDs ON	Pin (W) LEDs ON	
MIN	77 *	0,0022	0,18	0,109	8,40	
WORK	126,5 *	0,0095	1,20	0,067	8,50	
MAX	147 *	0,0059	0,87	0,058	8,50	

** Supply network voltage values are defined by EN50155 standard*

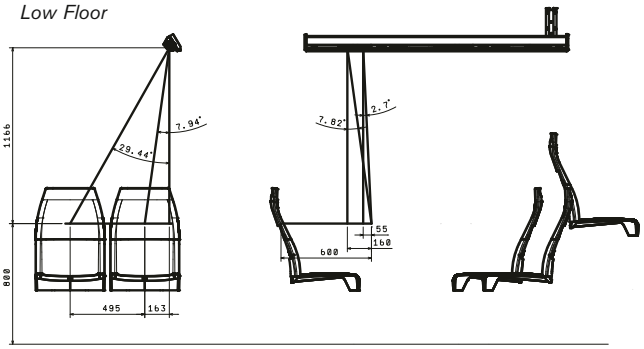
High Floor

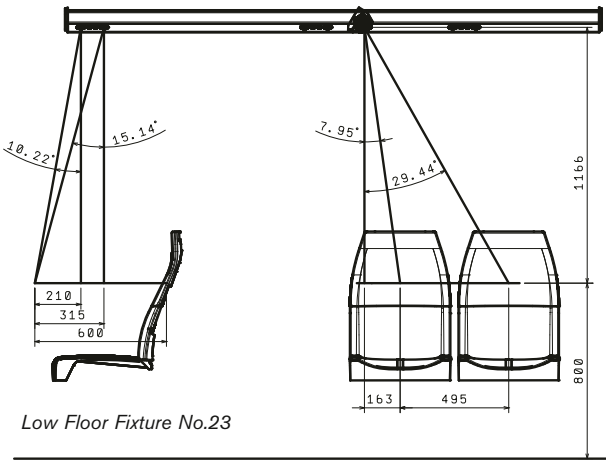


2nd Floor



Low Floor





Low Floor Fixture No.23