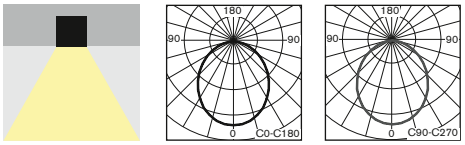
# HFX / SIEMENS




Indirect Ceiling Lighting Fixture




Vestibule Area Lighting Fixture




- **SMART Lighting** (refer to page No 41-53)
- Designed for SIEMENS HFX tram platform / projects
  There are 3 different lighting types: indirect main saloon lighting fixtures, vestibule oval shaped lighting fixture and door area ceiling panel lighting fixture
- Thanks to the combination of both LEDs layout and the special PC diffuser the high lighting uniformity on the cover is achieved - any neither dark areas nor visible SPOT effect
- It is equipped with MidPower LEDs OSRAM OSCONIQ
- LED modules design allows to create different lighting scenes
- Tunable White feature 2700K-5700K
- Electronics meets the latest EN50155 & EN50121-3-2 requirements

- LED svietidlá navrhnuté pre projekt HFX (SIEMENS)
- Svietidlá sú v troch rôznych tvaroch: nepriame stropné hlavné salónové svietidlá, svietidlá vstibulu oválneho tvaru a nadverové stropné svietidlá
- Dizajn LED modulov umožňuje vytváranie viacerých svetelných scén
- Elektronika spĺňa EN50155 & EN50121-3-2

## STANDARD FEATURES / ŠTANDARDNÁ VÝBAVA

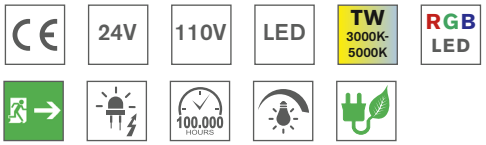
- SEC LCU control: SMART Light & DATA BUS Control (refer to page No 41-53)
- MidPower LEDs OSRAM
- Tunable White feature 2700K-5700K
- Dimming and Lighting Scenes and Lighting Modes
- RGB LED lighting
- LED Binning ≤ 3 MacAdam Steps
- Diffuser is made from semi-opal milky colour PC (complying EN45545)
- Halogen-free wiring Betatrans 3GKW
- WAGO Connectors

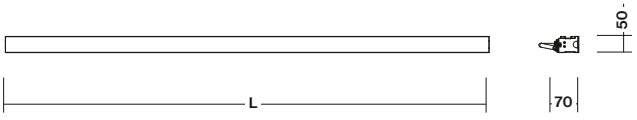
- SEC LCU riadenie: SMART Light & DATA BUS riadenie a komunikácia
- MidPower LEDs OSRAM
- Tunable White 2700K-5700K
- Stmievanie a vytváranie svetelných scén a svetelné módy
- RGB LED funkcie
- LED Binning ≤ 3 MacAdam Steps
- PC difúzor svietidla vyrobený z poloopálového PC (spĺňajúci EN45545)
- Halogénovo bezpečné vodiče Betatrans 3GKW
- WAGO konektory pre priebežnú kabeláž

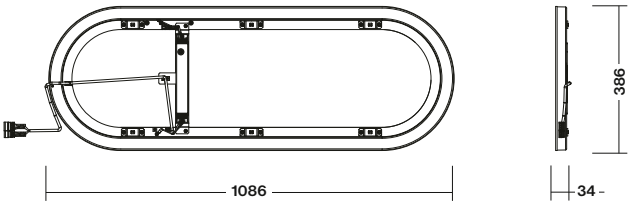
## OPTIONS / PRÍPLATKY

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

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



## INDIRECT LED LIGHTING (352-B)

| Type / Typ | L mm | Power Supply | Light Source | Dimming | SMART LIGHTING |
|---|---|---|---|---|---|
| LIGHTING MODULE | 1494 mm | DC 24V | LED 2700-5700K + RGB | YES | LCU PWM |
| LIGHTING MODULE | 1567 mm | DC 24V | LED 2700-5700K + RGB | YES | LCU PWM |
| LIGHTING MODULE | 1534 mm | DC 24V | LED 2700-5700K + RGB | YES | LCU PWM |
| LIGHTING MODULE | 1545 mm | DC 24V | LED 2700-5700K + RGB | YES | LCU PWM |
| CUSTOMISED VERSION | CUSTOMISED | CUSTOMISED | CUSTOMISED | OPTION | TBD |

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

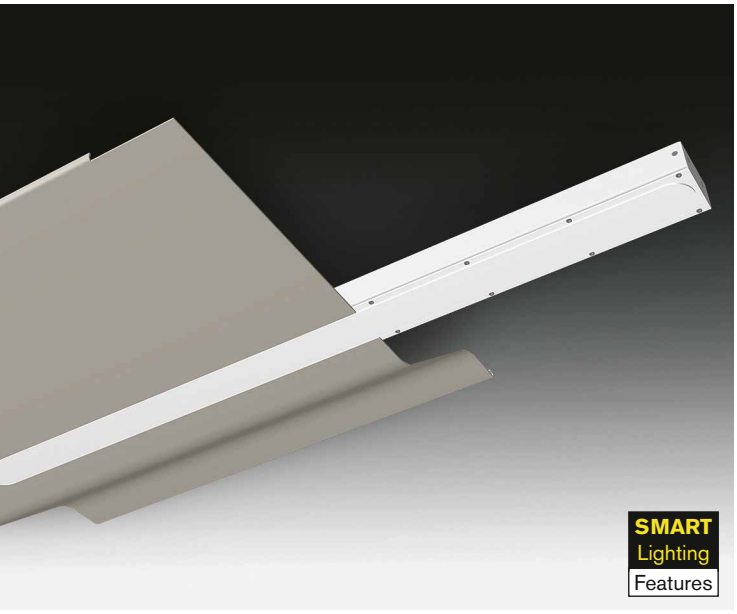
## OVAL VESTIBUL LED LIGHTING (352-B)

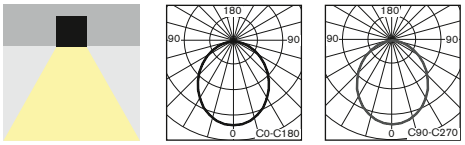
| Type / Typ | Dimmensions mm | Power Supply | Light Source | Dimming | SMART LIGHTING |
|---|---|---|---|---|---|
| VESTIBULE LIGHTING FIXTURE | see the drawing | DC 24V | LED 2700-5700K + RGB | YES | LCU PWM |
| CUSTOMISED VERSION | CUSTOMISED | CUSTOMISED | LED 2700-5700K + RGB | OPTION | TBD |

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



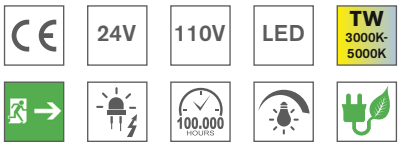
# HFX / SIEMENS




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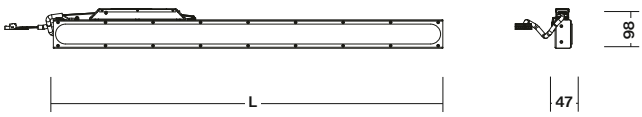
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## STANDARD FEATURES / ŠTANDARDNÁ VÝBAVA

- SEC LCU control: SMART Light & DATA BUS Control
  (refer to page No 41-53)
- MidPower LEDs OSRAM
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## OPTIONS / PRÍPLATKY

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

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

## DOOR AREA LED LIGHTING MODULE (352-B)

| Type / Typ | LENGTH mm | Power Supply | Light Source | Dimming | SMART Lighting |
|---|---|---|---|---|---|
| LED LIGHTING MODULE | 550 mm | DC 24V | TW 2700K-5700K | YES | LCU PWM |
| LED LIGHTING MODULE | CUSTOMISED | CUSTOMISED | CUSTOMISED | OPTION | OPTION |

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


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