



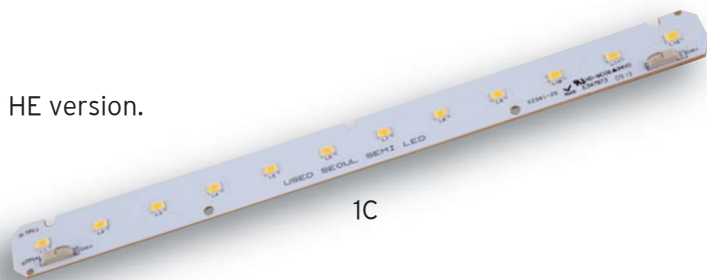
# ÖZDİSAN LED SOLUTIONS

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SEOUL SEMICONDUCTOR

 **ÖZDİSAN**  
www.ozdisan.com

# S-LINE FAMILY

- Ideal for linear and panel lights
- Quick connect terminals
- ECO and HE versions are available
- Luminous flux up to 690lm for ECO version and 810lm for HE version.
- Efficiency up to 180lm/W1
- High colour rendering index CRI > 80
- ANSI and 3-Step McAdam Bining
- Small luminous flux tolerances
- Colour temperatures from 2600 K to 7000 K
- Suitable for constant current driving



(Ta=25°C, RH30%)

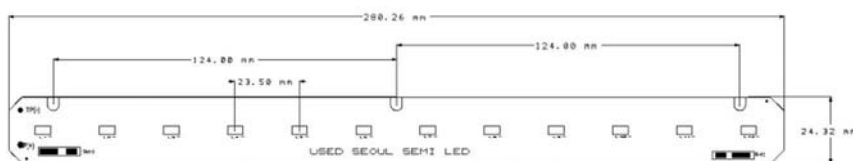
## Technical Information

Parameter	Symbol	Minimum	Typical	Maximum
Forward Voltage	V <sub>f</sub>	16,8V	19,2V	20,4V
Forward Current	I <sub>f</sub>	-	200mA	320mA
Power Dissipation	P <sub>d</sub>	-	3,84W	6,52W
Luminous Flux @ I <sub>f</sub> = 200mA (3700-7000K)	I <sub>v</sub>	-	420LM <sup>2</sup> 513LM <sup>3</sup>	-
Luminous Flux @ I <sub>f</sub> = 200mA (2600-3700K)	I <sub>v</sub>	-	396LM <sup>2</sup> 457LM <sup>3</sup>	-
Correlated Color Temperature	CCT	2600	-	7000
Color Rendering Index	CRI	80	-	90
Viewing Angle	2θ 1/2	-	120	-

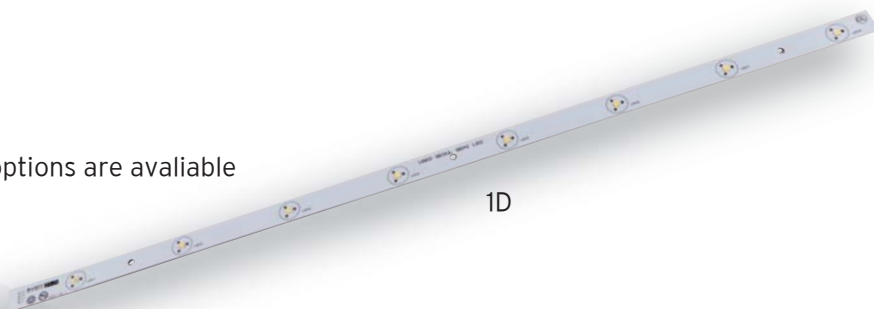
<sup>1</sup>Measured at 50mA

<sup>2</sup>ECO Version

<sup>3</sup>HE Version



- Ideal for panel and backlight lights
- Luminous flux up to 1190lm
- Efficiency of the module up to 160lm/W1
- 3-Step McAdam Bining
- Colour rendering index CRI > 80 and CRI > 90 options are available
- Small luminous flux tolerances
- Colour temperatures from 2600 K to 7000 K
- Suitable for constant current driving

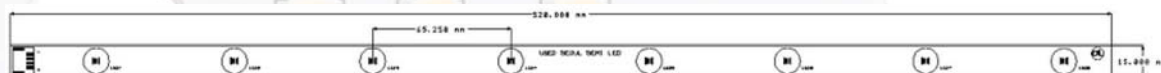


(Ta=25°C, RH30%)

## Technical Information

Parameter	Symbol	Minimum	Typical	Maximum
Forward Voltage	V <sub>f</sub>	46,5V	48V	20,4
Forward Current	I <sub>f</sub>	-	100mA	320mA
Power Dissipation	P <sub>d</sub>	-	4,8W	6,52W
Luminous Flux @ I <sub>f</sub> = 100mA (5000K)	I <sub>v</sub>	-	652LM	-
Luminous Flux @ I <sub>f</sub> = 100mA (3500K)	I <sub>v</sub>	-	621LM	-
Correlated Color Temperature	CCT	2600	-	7000
Color Rendering Index	CRI	80	-	100
Viewing Angle	2θ 1/2	-	120	-

<sup>1</sup>Measured at 50mA

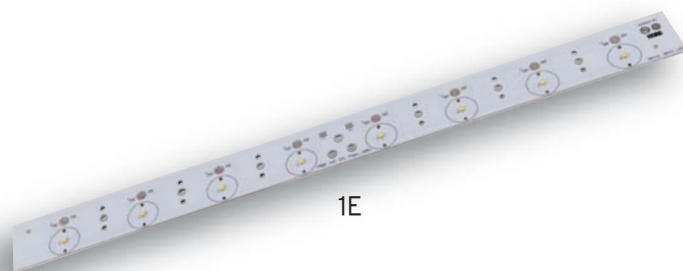


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# S-LINE FAMILY

- Ideal for wallwasher and high-power linear lights
- Luminous flux up to 4420LM
- Efficiency of the module up to 160lm/W
- ANSI and 3-Step McAdam Bining
- Small luminous flux tolerances
- Colour temperatures from 2600 K to 7000 K
- Suitable for constant current driving

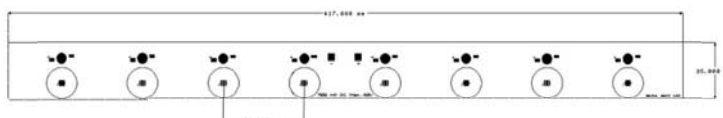


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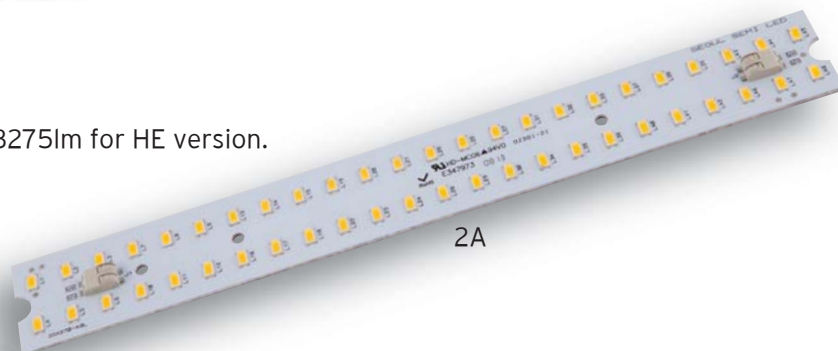
## Technical Information

(Ta=25°C, RH30%)

Parameter	Symbol	Minimum	Typical	Maximum
Forward Voltage	V <sub>f</sub>	11V	12V	14V
Forward Current	I <sub>f</sub>	-	1400mA	3000mA
Power Dissipation	P <sub>d</sub>	-	16,8W	42W
Luminous Flux @ I <sub>f</sub> = 1400mA (5300K)	I <sub>v</sub>	-	2256	-
Luminous Flux @ I <sub>f</sub> = 1400mA (4000K)	I <sub>v</sub>	-	2184	-
Luminous Flux @ I <sub>f</sub> = 1400mA (3000K)	I <sub>v</sub>	-	1848	-
Correlated Color Temperature	CCT	2600	-	7000
Color Rendering Index	CRI	70(CW&NW) 80(NW&WW)	-	-
Viewing Angle	2θ 1/2	-	120	-



- Ideal for linear lights
- Quick connect terminals
- ECO and HE versions are available
- Luminous flux up to 2755lm for ECO version and 3275lm for HE version.
- Efficiency of the module up to 180lm/W<sup>1</sup>
- High colour rendering index CRI > 80
- ANSI and 3-Step McAdam Bining
- Small luminous flux tolerances
- Colour temperatures from 2600 K to 7000 K
- Suitable for constant current driving



2A

## Technical Information

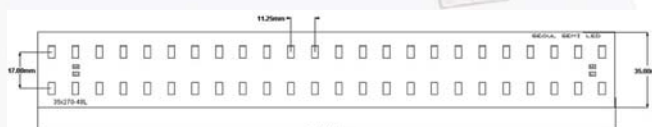
(Ta=25°C, RH30%)

Parameter	Symbol	Minimum	Typical	Maximum
Forward Voltage	V <sub>f</sub>	22.4	25V	28V
Forward Current	I <sub>f</sub>	-	700mA	960mA
Power Dissipation	P <sub>d</sub>	-	17,5W	26,88W
Luminous Flux @ I <sub>f</sub> = 700mA (3700-7000K)	I <sub>v</sub>	-	1900LM <sup>2</sup> 2330LM <sup>3</sup>	-
Luminous Flux @ I <sub>f</sub> = 700mA (2600-3700K)	I <sub>v</sub>	-	1790LM <sup>2</sup> 2065LM <sup>3</sup>	-
Correlated Color Temperature	CCT	2600	-	7000
Color Rendering Index	CRI	80	-	90
Viewing Angle	2θ 1/2	-	120	-

<sup>1</sup>Measured at 50mA

<sup>2</sup>ECO Version

<sup>3</sup>HE Version



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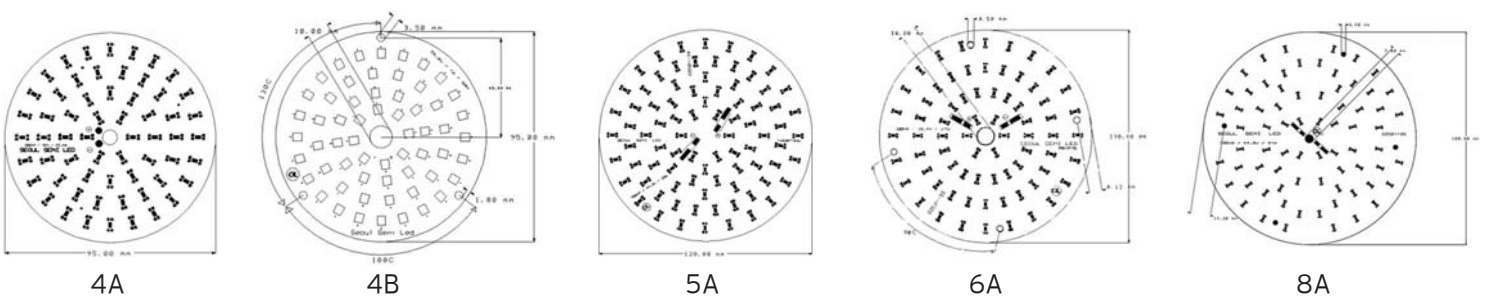


SEOUL SEMICONDUCTOR



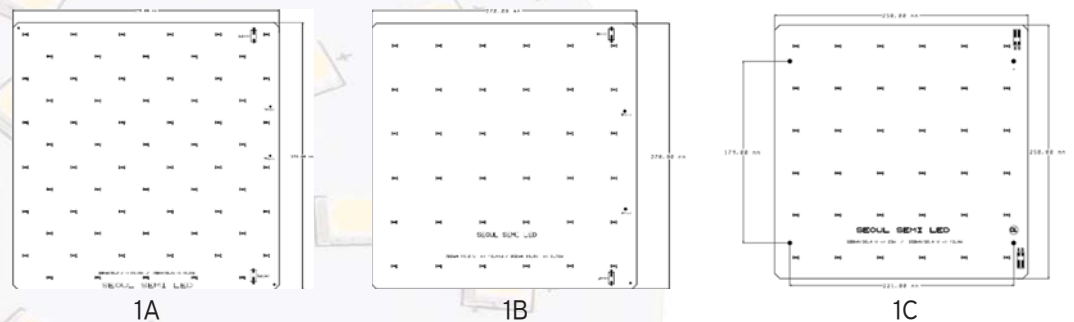
# R-LINE FAMILY

- ECO and HE versions are available
- Suitable for downlights from 4" to 10"
- Efficiency of the module up to 180lm/W1
- High colour rendering index CRI > 80
- ANSI and 3-Step McAdam Bining
- Small luminous flux tolerances
- Colour temperatures from 2600 K to 7000 K
- Suitable for constant current driving



# M-LINE FAMILY

- Ideal for panel lighting
- Quick connect terminals
- ECO and HE versions are available
- Luminous flux up to 3790lm for ECO version and 4507lm for HE version.
- Efficiency of the module up to 180lm/W1
- High colour rendering index CRI > 80
- ANSI and 3-Step McAdam Bining
- Small luminous flux tolerances
- Colour temperatures from 2600 K to 7000 K
- Suitable for constant current driving





## About Us

Biggest electronic component distributor in Turkey.

Özdisan Electronics Company was founded in 1980 and became market leader in Turkey over ten years, serving wide range of customer segments. Along with 34 years of experience and with its 120 employees, large stock levels of more than 100 well known brands products as semiconductors, actives and passives and electro-mechanical components. It continues to offer a wide range of known brands generally as exclusive distributor in electronic components on its Istanbul Head Office and 4 branch offices at Karakoy (Center of Istanbul), Ankara, Izmir and Bursa cities.

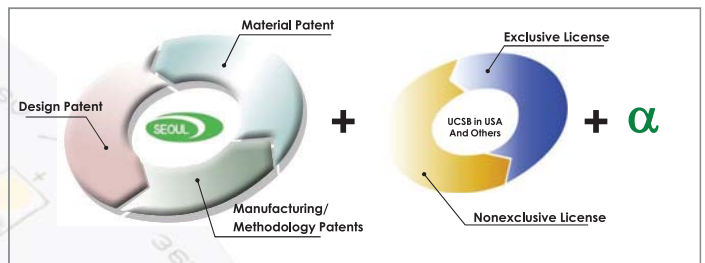
Since 2001, Özdisan PCB Assembly line serves its customers with its 350Kpcs component assembly capacity /per hour.

Lately in December 2013 , Özdisan has been added TFT LCD Display producer identity to its activity by making a joint venture with Chinese company Shenzhen Sat Electronics Co. Ltd. who produces 3.5" ~10.1" TFT LCD Panel & TFT LCD Display Modules.

Özdisan is supporting its customers with ready LED Lighting solutions that is designed by its R&D. Özdisan is making distribution of SEOUL SEMICONDUCTOR for LED. Since its inception in 1987, Seoul Semiconductor has been leading the LED industry in Korea and is now heading to be one of the world's top 3 LED manufacturers with innovative management systems and advanced technologies.

IEEE Selects Seoul Semiconductor as the World's Top Patent Power Company for Two Years in a Row (2012-2013)

Global Leading with over 10,000 patents



SEOUL SEMICONDUCTOR Main Product Portfolio



# LED POWER SUPPLY

LED Driver Solutions for Lighting Applications

- Patented ultra slim designs give fixture designers more flexibility,
- High efficiency,
- Wide product range from 6W to 200W,
- Constant current, constant voltage and dimmable options,
- Compliance with international regulatory and safety standards such as UL/CE, TUV, C-Tick, EMI/EMC,
- Open circuit, short circuit, over load and over temperature protections.



- Street Lighting
- Indoor Lighting
- Sign and Display



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