

# AVT EMCLED024/40

LED light and driver for EMC halls,  
measuring cabins and for all  
environments with special electromagnetic requirements



LED-driver for  
2 or 3 lamps

High luminous flux with low heating and  
minimal EMC interference

↪ **LED-Lamps** for EMC-laboratories and test fields with **up to 40 W** power

↪ **High luminous flux** up to over 4000 lm each lamp

↪ Very high color rendering value **Ra (CRI) of > 90 ... 97 typ.**

↪ High efficiency, thus **lower heat load**

↪ **Minimal EMC interference** (noise level)

↪ Selectable light color (**2700 K - 5000 K**)

↪ Selectable opening angle of reflectors (**15° - 80°**)

↪ Supply voltage for driver **230 VAC** (optional different)

↪ **German product**

Options:

Dimmable

Different power

Various light colors can be mixed (2700... 5000 K)

**MADE IN GERMANY**

All options on: [www.world-of-emc-equipment.com](http://www.world-of-emc-equipment.com)

Ordering information

AVT - EMCLED - 024/040 - 01 - XX - Y - Z

Typ of lamp

Nominal power  
024: 3 lamps on 1 driver  
040: 2 lamps on 1 driver

Version

Color temperature  
27: 2700 K  
30: 3000 K  
40: 4000 K  
50: 5000 K

Reflector  
S: 15°  
M: 30°  
W: 40°  
X: 80°

Color  
empty : black  
AN: Aluminium blank  
.....: Color (optional)

Example: AVT-EMCLED-024-01-40-M

Technical specification

Color version		27	30	40	
LED					
↗ Color temperature		2700 K	3000 K	4000 K	
↗ Luminous flux at operating conditions		2640... 5200 lm	2690... 5520 lm	2760... 5920 lm	
↗ Efficiency typ.		113... 130 lm/W	118... 138 lm/W	126... 148 lm/W	
↗ Color rendering index Ra / CRI-Wert typ.		90... 97			
↗ Operating power		24... 40 W			
Reflector		S	M	W	XW
↗ Efficiency		95 %	95 %	95 %	95 %
↗ Opening angles		15°	30°	40°	80°
Power supply					
↗ Input voltage (led driver)		230 VAC			
↗ Input voltage (led)		30... 36 VDC			
↗ Wide range input voltage		100... 260 VAC			
Dimensions		Lamp	Driver		
↗ Length (without / with retaining bracket)		160 mm	170 / 190 mm		
↗ Width		130 mm	200 mm		
↗ Height (without / with retaining bracket)		75 / 165 mm	75 mm		
↗ Weight		1,5 kg	3,9 kg		
Warranty					
Standard: 2 years; optionally extendable by 1 year					

Options

- ⇒ Various housing colors available (standard: black or natural aluminum)
- ⇒ Dimmable driver

Errors and omissions excepted.

Contact

AVT GmbH • Automatisierungs- und Verfahrenstechnik • Am Hammergrund 1 • 98693 Ilmenau /Germany  
Tel: +49 (0)3677 6479-56 • Web: [www.avt-ilmenau.de](http://www.avt-ilmenau.de) • Mail: [info@avt-ilmenau.de](mailto:info@avt-ilmenau.de)

