

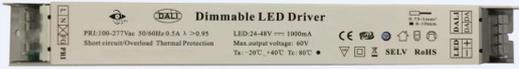


# Ottima Technology Co., Ltd.

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## DALI Dimmable Constant Current

### OTM-DD40-E Series



#### Features

1. Dali Dimming function, compatible with Tridonic, PHILIPS, OSRAM etc Dali system
2. High efficiency 88%
3. Linear Design with 30mm width and 22mm height only
4. Dimming range: 0-100%, flicker-free dimming
5. 100~277VAC
6. Power Factor >0.95
7. Working temperature : -15°C ~ + 50°C
8. IP20 design for indoor installation
9. 3 years warranty

#### Application

Led Street lights, Led Panel lights, Led Floodlights etc

#### Specification Sheet

Model	OTM-DD40-E Series	OTM-DD40-E120350	OTM-DD40-E80600
Output	Rated Voltage	60-120VDC	48-80VDC
	Output Current Range	350mA	600mA
	Rated Power	40W	48W
	Current Tolerance	±3.0%	±3.0%
	Line Regulation	±1%	±1%
	Load Regulation	±1.0%	±1.0%
	Set-up, Rise Time	1500ms 80ms/230VAC, 2000ms 80ms/110VAC	
Input	Hold-up Time	50ms/230VAC at full load, 25ms/110VAC at full load	
	Voltage Range	90~264VAC	
	Frequency Range	47-63Hz	
	Power Factor	>0.95	
	Efficiency	≥88%	
	AC Current	0.25A ~ 0.3A	
	Inrush Current	Cold Start at 40A/230VAC, Input at Ta: 25°C cold start.	
Protection	Leakage Current	< 0.5mA at 230VAC, 60Hz Input	
	Over-load	130% ~ 150% (Shut down and latch off O/P voltage, re-power on to recover)	
	Short Circuit	Hiccup mode, recovers automatically after faulty problem is removed	
Environment	Over-temperature	85°C±10°C (Shut down O/P voltage, re-power on to recover)	
	Working Environment	-15°C ~ +50°C	
	Working Humidity	20~90% RH non-condensing	
Safety & EMC	Storage Environment & Humidity	-15°C ~ +50°C	
	Safety Standards	EN-61347-1, EN61347-2-13, IP67, ROHS Tests	
	Withstand Voltage	I/P-O/P: 3KVAC, IP-FG: 1.5KVAC, OP-FG: 500VAC	
	Isolation Resistance	I/P-O/P IP-FG OP-FG: 100M Ohms/500VDC / 25°C / 70% RH	
	EMC Emission	Compliance to EN55015: 2007, EN61547:1995+A1:2000; EN61000-3-2: 2006; EN61000-3-3: 2008	
Others	EMC Immunity	Compliance to EN55015 EN61547 EN61000-4-2,3,4,5,6,8,11	
	Life Span	≥50000Hrs (25~30°C)	
	No Load power consumption	≤1W	
Dimension	245*30*22mm (L*W*H)		

#### Mechanical Specification

