EXCELLENCE
ELECTRONIC DEVICE LLP
"Quality That Defines Excellence"



EED Catalog

Your Guide to Better Decision 2026

EXCELLENCE ELECTRONIC DEVICE LLP

"Quality That Defines Excellence"

EXCELLENCE

ABOUT EXCELLENCE ELECTRONIC DEVICE LLP

Excellence Electronic Device LLP (EED) is an Indian electronics company established in 2024 by Mr. Chandan Mahto who is having experience in LED Lighting industry of past 18 years, specializing in the design, development, and manufacturing of LED drivers and electronic circuits.

Based in Pune, Maharashtra, EED has dedicated areas for R&D, Product Design, Production, Testing, Quality Control, and Warehousing, supporting an integrated approach to product development and manufacturing.

With in-house R&D, PCB Design, and Production Department, EED maintains close control over product development and technical requirements. Our focus is on delivering reliable, quality-driven electronic solutions for the evolving lighting industry.

Driven by innovation, quality, reliability, and Made-in-India manufacturing, EED continues to strengthen its technical and manufacturing capabilities while building a trusted name in LED driver and electronic product manufacturing.

OUR CORE STRENGTHS

In-House R&D · PCB Design · Integrated Manufacturing · Quality Focus · Made in India

OUR VISION

To build a trusted Indian brand in LED drivers and electronic solutions through innovation, quality, reliability, and continuous technological development.

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I N D E X

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EED 50W SUPER PREMIUM SERIES



TOP VIEW



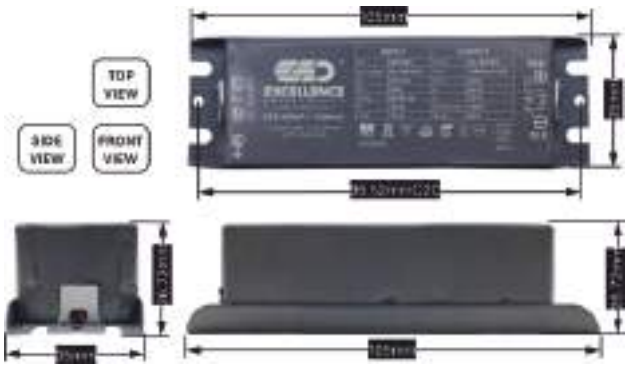
3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-40VDC
Iin : 210mA	Iout : 1500mA ±3%
Pin : 50W	Pout : 45W
PF : 0.9	Efficiency : >85%
THD : <10%	
Transformer Size: **EE2515**	
Available Variants:	
750mA,1200mA,1500mA	

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 3/5
6. Current Foldback @150VAC
7. Surge(KV) : 6KV in DM Mode as per IEC 61000-4-5
8. 440V Protection



MECHANICAL DETAILS

1	Weight(g)	84
2	PCB Dimention LxW(mm)	83.1x30.2x21.6
3	Case Dimention LxWxH(mm)	88x35x27
4	Center to Center(mm)	98
5	Case Type	MS
6	Input Wire	3 CORE, 300mm (RED → L, BLACK → N, YELLOW→ OPEN)
7	Output Wire(mm)	MULTISTAND 300mm, 0.5Sqmm (RED →+,BLACK→ -)
8	Potting Material	Silicon

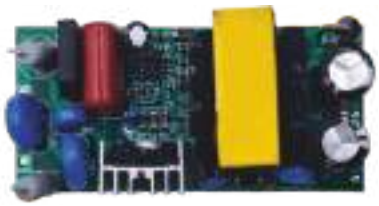
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EED 50W PREMIUM SERIES



TOP VIEW



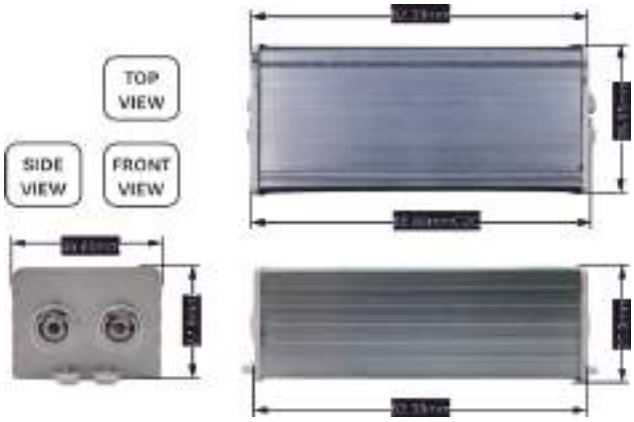
3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-40VDC
Iin : 210mA	Iout : 1500mA ±3%
Pin : 50W	Pout : 45W
PF : 0.9	Efficiency : >85%
THD : <10%	
Transformer Size: **EE28**	
Available Variants:	
750mA,1200mA,1500mA	

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 3/5
6. Current Foldback @150VAC
7. Surge(KV) : 6KV in DM Mode as per IEC 61000-4-5
8. 440V Protection



MECHANICAL DETAILS

1	Weight(g)	50
2	PCB Dimention LxW(mm)	69.34x33.39x23.5
3	Case Dimention LxWxH(mm)	82.39x36.85x27.9
4	Center to Center(mm)	98
5	Case Type	MS
6	Input Wire	3 CORE, 300mm (RED → L, BLACK → N, YELLOW→ OPEN) MULTISTAND
7	Output Wire(mm)	300mm, 0.5Sqmm (RED →+,BLACK→ -)
8	Potting Material	Silicon

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EED 50W ECO SERIES



TOP VIEW



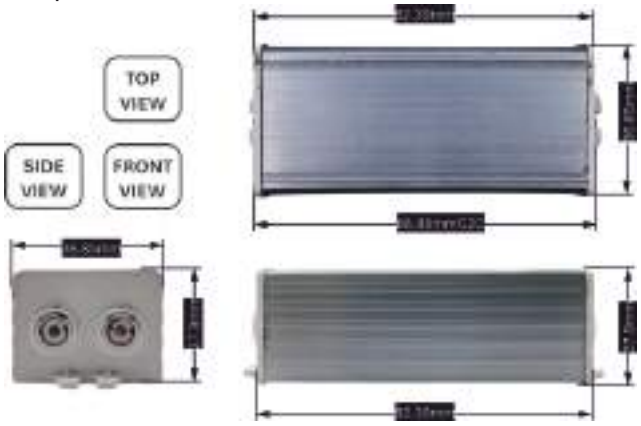
3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-40VDC
Iin : 210mA	Iout : 1500mA ±3%
Pin : 50W	Pout : 45W
PF : 0.9	Efficiency : >85%
THD : <10%	
Transformer Size: **EE22**	
Available Variants:	
750mA,1200mA,1500mA	

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 3/5
6. Current Foldback @150VAC
7. Surge(KV) : 6KV in DM Mode as per IEC 61000-4-5



MECHANICAL DETAILS

1	Weight(g)	39
2	PCB Dimention LxW(mm)	64.12x26.79x22.5
3	Case Dimention LxWxH(mm)	82.39x36.85x27.9
4	Center to Center(mm)	98
5	Case Type	MS
6	Input Wire	3 CORE, 300mm (RED → L, BLACK → N, YELLOW→ OPEN)
7	Output Wire(mm)	MULTISTAND 300mm, 0.5Sqmm (RED →+,BLACK→ -)
8	Potting Material	Silicon

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EED 100W SUPER PREMIUM SERIES 10KV



TOP VIEW



3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-40VDC
Iin : 415mA	Iout : 3000mA ±3%
Pin : 100W	Pout : 90W
PF : 0.9	Efficiency : 92%
THD : <10%	
Transformer Size: **PQ32x20**	
Available Variants:	
750mA, 1500mA, 3000mA	

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 3/5
6. Current Foldback @150VAC
7. Surge(KV) : 10KV in DM Mode as per IEC 61000-4-5
8. 440V Protection



MECHANICAL DETAILS

1	Weight(g)	135
2	PCB Dimention LxW(mm)	150 X 36.5 X 30
3	Case Dimention LxWxH(mm)	161 X 47.5 X 35
4	Center to Center(mm)	NA
5	Case Type	MS
6	Input Wire(mm)	3 CORE, 300mm (RED → L, BLACK → N, YELLOW→ OPEN) MULTISTAND
7	Output Wire(mm)	300mm, 0.5Sqmm (RED →+,BLACK→ -)
8	Potting Material	SILICON

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EED 100W PREMIUM SERIES



TOP VIEW



3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-40VDC
Iin : 415mA	Iout : 3000mA ±3%
Pin : 100W	Pout : 90W
PF : 0.9	Efficiency : 92%
THD : <10%	

Transformer Size: **PQ32x20**

Available Variants:

750mA, 1500mA, 3000mA

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 3/5
6. Current Foldback @150VAC
7. Surge(KV) : 6KV in DM Mode as per IEC 61000-4-5
8. 440V Protection



MECHANICAL DETAILS

1	Weight(g)	115(PCB Only
2	PCB Dimention LxW(mm)	130 X 37 X 2
3	Case Dimention LxWxH(mm)	131 X 47.5 X 3
4	Center to Center(mm)	NA
5	Case Type	MS
6	Input Wire(mm)	3 CORE 300mm (RE → L, BLACK → N, YELLOW → OPEN MULTISTAN
7	Output Wire(mm)	300mm 0.5Sqmm (RED →+,BLACK → -)
8	Potting Material	SILICON

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EED 15-24W / 300mA-STRP



TOP VIEW



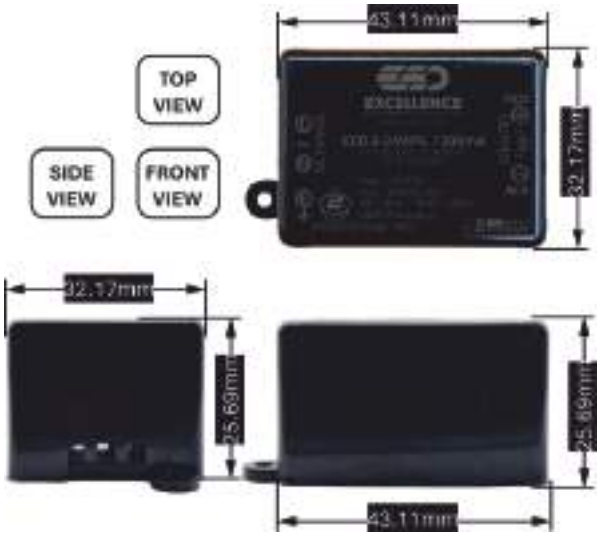
3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 45-72VDC
Iin : 100mA	Iout : 300mA ±5%
Pin : 24W	Pout : 21W
PF : >0.9	Efficiency : >85%
	THD : <20%

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 1/2
6. Surge(KV) : 4KV in DM Mode as per IEC 61000-4-5
7. 440V Protection



MECHANICAL DETAILS

1	Weight(g)	84
2	PCB Dimention LxW(mm)	33.6X27.7X13
3	Case Dimention LxWxH(mm)	43.11X32.17X25.69
4	Center to Center(mm)	
5	Case Type	ABS(Plastic)
6	Input Wire	3 CORE, 300mm (RED → L, BLACK → N, YELLOW→ OPEN)
7	Output Wire(mm)	MULTISTAND 300mm, 0.5Sqmm (RED →+,BLACK→ -)
8	Potting Material	Silicon

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EED 36-50WNI LPF / 300mA



TOP VIEW



3D VIEW

MODEL LPF

ELECTRICAL PARAMETERS

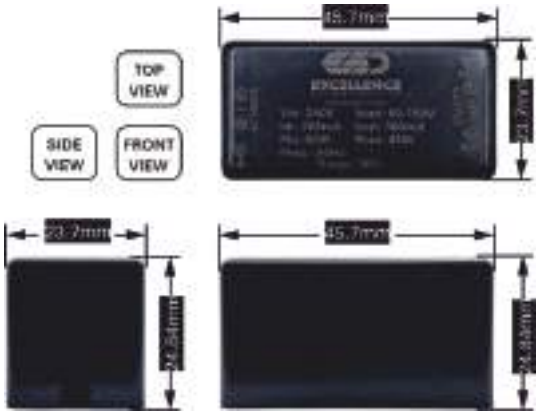
I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 60-144VDC
Iin : 210mA	Iout : 300mA ±5%
Pin : 50W	Pout : 45W
PF : 0.5	Efficiency : >90%
THD : <30%	

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 2
6. Current Foldback @150VAC
7. Surge(KV): 2.5KV in DM Mode as per IEC 61000-4-5
8. Mode as per IEC 61000-4-5

Mechanical Details

1	Weight(g)	50
2	PCB Dimention LxWxH(mm)	42X19.5X15.5



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EED 100W NI HPF ECO



TOP VIEW



3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 140-160VDC
Iin : 415mA	Iout : 600mA ±3%
Pin : 100W	Pout : 90W
PF : >0.9	Efficiency : >85%
THD : <30%	

Available Variants:

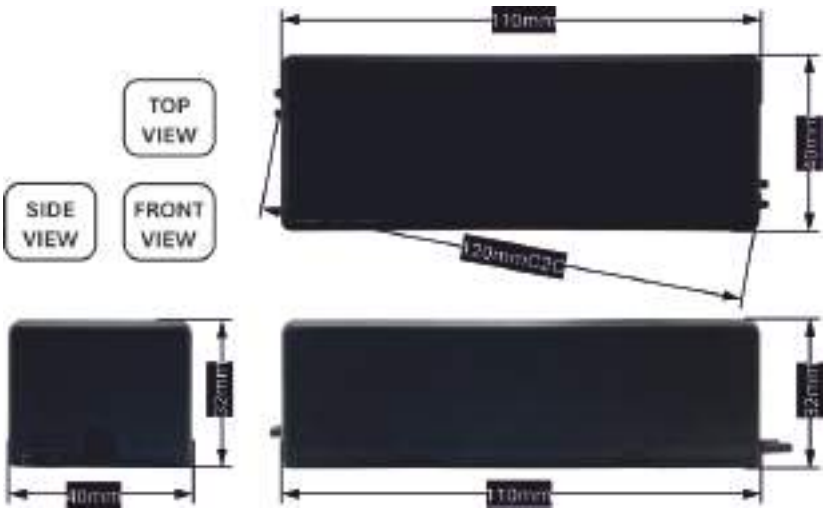
600mA, 900mA, 1200mA

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 2
6. Current Foldback @150VAC
7. Surge(KV) Model B : 6KV in DM Mode as per IEC 61000-4-5
8. 440V Protection

MECHANICAL DETAILS

1	Weight(g)	45
2	PCB Dimension LxW(mm) HPF	88X30X22.5
3	Case Dimension	110 X 40 X32

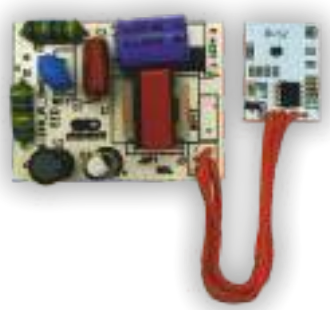


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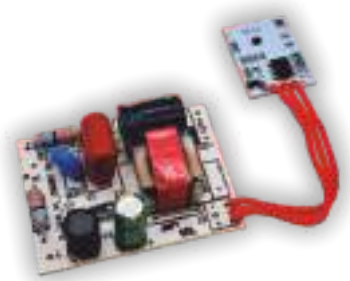
SENSOR BASED SERIES

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EED 8-24W PANELLIGHT / 300MA-MODEL A & B

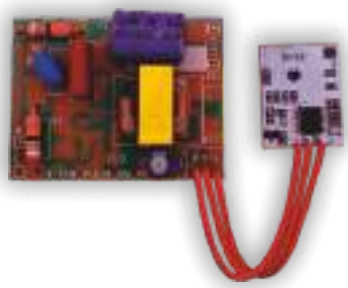


TOP VIEW



3D VIEW

MODEL A - ONOFF



TOP VIEW



3D VIEW

MODEL B - DIM

ELECTRICAL PARAMETERS

MODEL A & B

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-75VDC
Iin : 100mA	Iout : 300mA ±3%
Pin : 24W	Pout : 21W
PF : 0.9	Efficiency : >85%
	THD : <10%

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 2
6. Current Foldback @150VAC
7. Surge(KV) : 4KV in DM Mode as
8. per IEC 61000-4-5
9. 440V Protection

SENSOR DETAILS

1 Sensor Type	Microwave(Indication)
2 Design	NI
3 Range(ft)	5 - 10 Feet
4 Sensor Size LxW(mm)	20x22
5 Time Delay(sec)	30

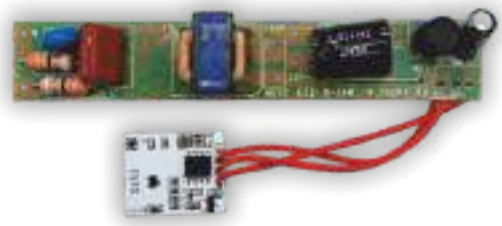
MECHANICAL DETAILS

1 Weight(g) Model A & B	16
2 PCB Dimention LxWxH(mm) A & B	42.3x32.2x14.8

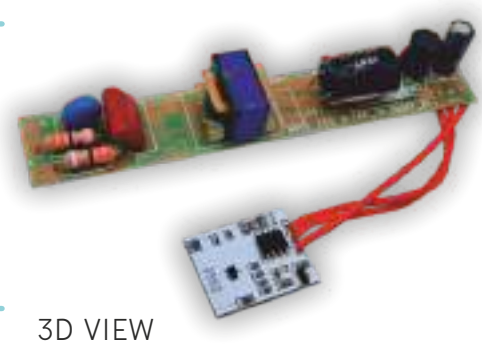
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EED 8-24W TUBELIGHT / 240MA-MODEL A & B



TOP VIEW



3D VIEW

MODEL A - ONOFF



TOP VIEW



3D VIEW

MODEL B - DIM

ELECTRICAL PARAMETERS

MODEL A & B

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 24-72VDC
Iin : 100mA	Iout : 240mA ±3%
Pin : 24W	Pout : 21W
PF : 0.9	Efficiency : >85%
	THD : <10%

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 2
6. Current Foldback @150VAC
7. Surge(KV) : 4KV in DM Mode as
8. per IEC 61000-4-5
9. 440V Protection

SENSOR DETAILS

1 Sensor Type	Microwave(Indication)
2 Design	NI
3 Range(ft)	5 - 10 Feet
4 Sensor Size LxW(mm)	20x22
5 Time Delay(sec)	30

MECHANICAL DETAILS

1 Weight(g) Model A & B	16
2 PCB Dimention LxWxH(mm) A&B	89.5x15.2x12.8

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EED 36-40W TUBELIGHT / 420MA-DIM



TOP VIEW



3D VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-72VDC
Iin : 180mA	Iout : 500mA ±5%
Pin : 40W	Pout : 36W
PF : <0.9	Efficiency : >90%
THD : <20%	

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 1/2
7. Surge(KV) : 4KV in DM Mode as per IEC 61000-4-5
6. 440V Protection

Mechanical Details

1 Weight(g)	26
2 PCB Dimention LxWxH(mm)	170x16.4x12.5

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SENSOR BASED ISO SERIES

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EED 36-50W-DIM



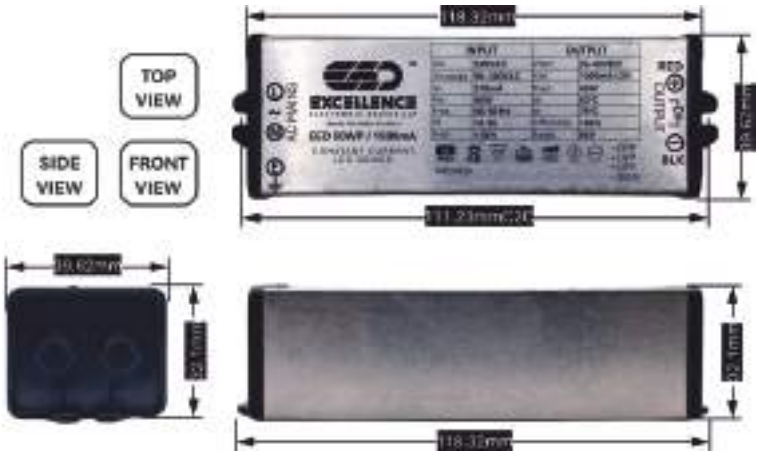
TOP VIEW

ELECTRICAL PARAMETERS

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-40VDC
Iin : 210mA	Iout : 1500mA ±3%
Pin : 50W	Pout : 45W
PF : 0.9	Efficiency : >85%
THD : <10%	
Available Variants	**36W** - 750mA, 900mA (*Open*)
50W - 750mA, 1500mA (*Potted*)	

SENSOR DETAILS

1	Sensor Type	Microwave(Indication)
2	Design	NI
3	Range(ft)	5 - 10 Feet
4	Sensor Size LxW(mm)	20x22
5	Time Delay(sec)	30



DRIVER FEATURES

1 Thermal Protection(°C)
2 Overload Protection(VAC)
3 Open Load Protection
4 Output Short Circuit Protection
5 Warranty(yrs) : 3/5
6 Surge(KV) : 6KV in DM Mode as per IEC 61000-4-5
7 440V Protection

Mechanical Details

1	Weight(g)	68
2	PCB Dimention LxWxH(mm)	100x35x22.5

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EED 8-24W / MODEL A & B



TOP VIEW



3D VIEW

MODEL A - PANELLIGHT



TOP VIEW



3D VIEW

MODEL B - TUBELIGHT

ELECTRICAL PARAMETERS

MODEL A

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-72VDC
Iin : 100mA	Iout : 300mA ±5%
Pin : 21W	Pout : 21W
PF : 0.9	Efficiency : >85%

MODEL B

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-72VDC
Iin : 210mA	Iout : 240mA ±5%
Pin : 20W	Pout :18W
PF : 0.9	Efficiency : >85%

THD : <15%

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 2
6. Current Foldback @150VAC
7. Surge(KV) : 4KV in DM Mode as
8. per IEC 61000-4-5
9. 440V Protection

MECHANICAL DETAILS

1	Weight(g)	12
2	PCB Dimention LxWxH(mm)	Model A : 33.6x27.8x13
3	PCB Dimention LxWxH(mm)	Model B : 55.03 X 16.3 X 12.1

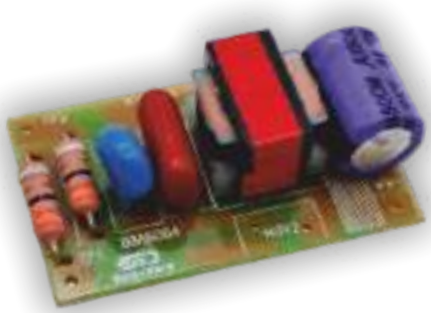
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EED 8-24W / CCT(3 IN 1) MODEL A & B



TOP VIEW



3D VIEW

MODEL A - PANELLIGHT



TOP VIEW



3D VIEW

MODEL B - TUBELIGHT

ELECTRICAL PARAMETERS

MODEL A

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-72VDC
Iin : 100mA	Iout : 300mA ±5%
Pin : 21W	Pout : 21W
PF : 0.9	Efficiency : >85%

MODEL B

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 25-72VDC
Iin : 210mA	Iout : 240mA ±5%
Pin : 20W	Pout :18W
PF : 0.9	Efficiency : >85%

THD : <15%

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 2
6. Current Foldback @150VAC
7. Surge(KV) : 4KV in DM Mode as
8. per IEC 61000-4-5
9. 440V Protection

MECHANICAL DETAILS

1	Weight(g)	10
2	PCB Dimention LxWxH(mm)	Model A : 40.4x23.4x12.6
3	PCB Dimention LxWxH(mm)	Model B : 76X15X13

ALL DRIVER IMAGES IN THIS PAGE ARE FOR REFERENCE ONLY

EXCELLENCE ELECTRONIC DEVICE LLP
"Quality That Defines Excellence"

EED 2X2 LED DRIVER / 72V-500MA



TOP VIEW



3D VIEW

EED 36W 2X2 PANELLIGHT / 500MA



TOP VIEW



3D VIEW

EED 40W TUBELIGHT / 420MA

ELECTRICAL PARAMETERS

MODEL A & B

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 24-72VDC
Iin : 170mA	Iout : 500mA ±3%
Pin : 40W	Pout : 36W
PF : 0.9	Efficiency : >85%
	THD : <10%

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protection
5. Warranty(yrs) : 2
6. Surge(KV) : 4KV in DM Mode as per IEC 61000-4-5
7. 440V Protection

MECHANICAL DETAILS

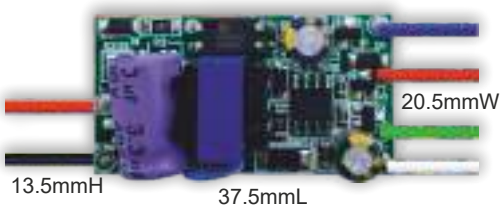
1 Weight(g)(Model A&B)	24
2 PCB Dimention LxWxH(mm)	Model A : 120X63X18
3 PCB Dimention LxWxH(mm)	Model B : 121X18X13

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RGB SERIES

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EED RGB SERIES





MODEL A - EED 10W RGB





MODEL B - EED 50W RGB





MODEL C - EED 100W RGB

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RGB SERIES

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EED RGB SERIES





TOP VIEW 3D VIEW

MODEL D - EED 200W RGB

ELECTRICAL PARAMETERS

MODEL A - 10W

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 9-15VDC
Iin : 30mA	Iout : 300mA ±5%
Pin : 7W	Pout : 4.5W
PF : 0.5	Efficiency : >80%

MODEL B - 50W

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 16-24VDC
Iin : 80mA	Iout : 600mA ±5%
Pin : 18W	Pout :16W
PF : 0.5	Efficiency : >80%

MODEL C - 100W

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 24-36VDC
Iin : 150mA	Iout : 900mA ±5%
Pin : 36W	Pout :32W
PF : 0.5	Efficiency : >80%

MODEL D - 200W

I/P Parameter	O/P Parameter
Vin : 240VAC	Vout : 24-36VDC
Iin : 300mA	Iout : 1800mA ±5%
Pin : 72W	Pout :64W
PF : 0.5	Efficiency : >80%

DRIVER FEATURES

1. Thermal Protection(°C)
2. Overload Protection(VAC)
3. Open Load Protection
4. Output Short Circuit Protecti
5. Warranty(yrs) : 2
   Surge(KV) : 2.5KV in DM Mode
6. as per IEC 61000-4-5
7. 24K IR Remote Compatability

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EED 440V / 10KV-SPD



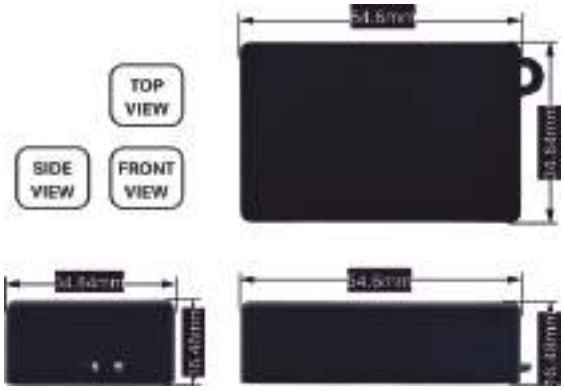
TOP VIEW



3D VIEW

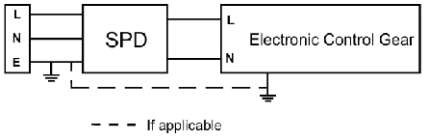
Device Rating and Specification

Recommended Max Operating Voltage	380VAC
Maximum Continuous Operating Voltage (MCOV)	440VAC
Nominal Discharge Current (In)	5 KA (15 impulses of discharge current
Maximum Discharge Current (Imax)	10KA (single impulse of discharge
Type	Test Class II (IEC 61643-11-2)
Voltage Protection Level (Up)	L-N:1.2KV, L-E:1.2KV, N-E: 1KV as per
Connection Type	Series
EOL Indication	No Indication
EOL Protection	No
IP Rating (Conforming to)	IP 65
No. of Ports	Two
Location Class	Outdoor
Mounting Method	Fixed
Temporary Over Voltage (TOV)	440VAC
Maximum Load Current (IL)	5A
Humidity Range	5% TO 95%
Operating Temperature (Ta)	-25 TO +85 °C
Storage Temperature	-25 TO +85 °C
Approval Class (Conforming to)	IEC 61643-11-2



Wiring Diagram

Input Side	Length	Output Side	Length
L- RED		L- RED	
N- BLACK		N- BLACK	
E- GREEN	15CM	E- GREEN	15CM



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EED LDR



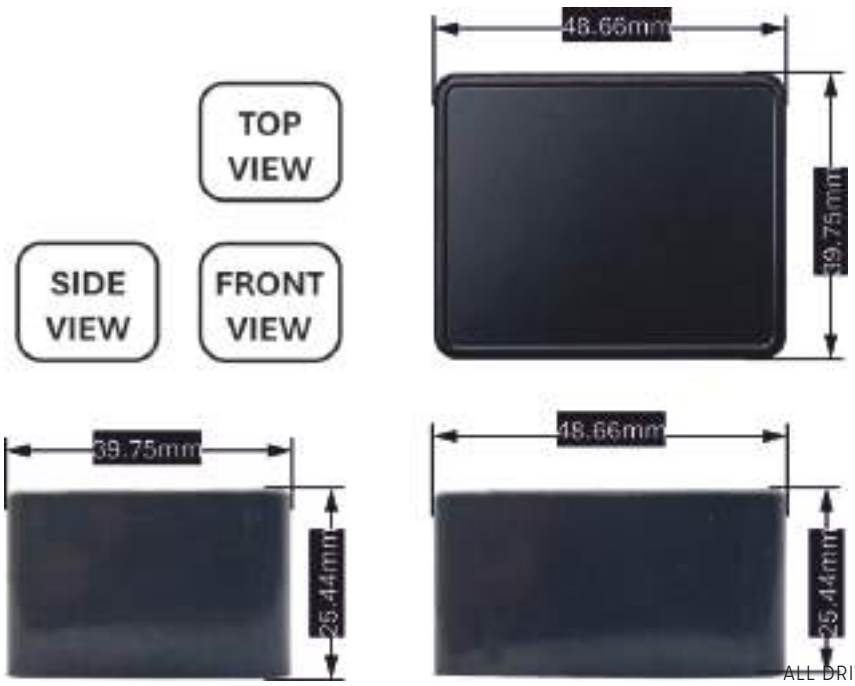
TOP VIEW



3D VIEW

Device Rating and Specification	
Vin	240VAC
Vout	90-300VAC
Iout	10A
440V Protection	Yes
Surge	4KV

MECHANICAL DETAILS	
1 Weight(g)	32
2 PCB Dimention LxWxH(mm)	49.27x31.27x24.5



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DESIGNING AND DEVELOPMENT OF SPECIFICALLY FUNCTIONAL REQUIREMENTS AS PER CUSTOMERS

1) ALL TYPES OF DIMMABLE DRIVERS 0-10V/1-10/PWM/TIMING BASED.
2) DC-DC LED DRIVERS WITH DIMMING OPTIONAL.
3) SMART DIMMABLE DRIVERS RGB, CCT.
4) SPECIAL SPECIFIC FUNCTIONAL REQUIREMENTS FOR RAILWAY/MINING/FLAMEPROOF.

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