

FULHAM PRESENTS THE 2024 MIDDLE EAST CATALOGUE

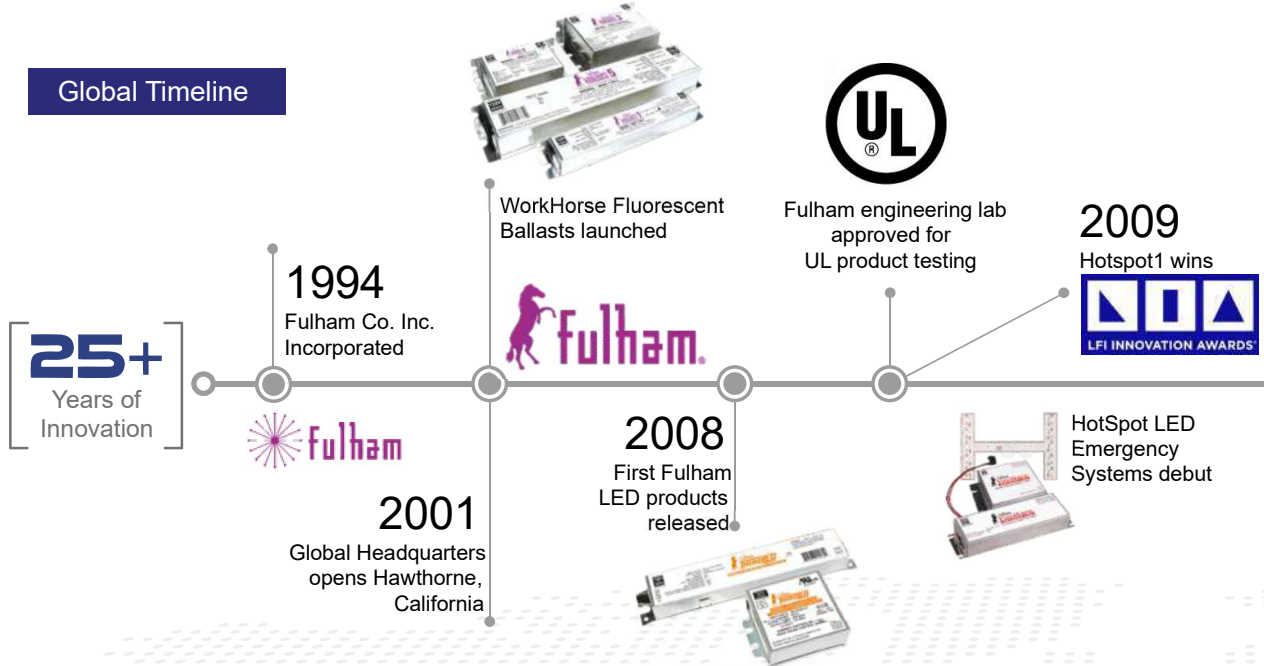
A RESOURCE FOR PAST & PRESENT LIGHTING INNOVATIONS & SOLUTIONS



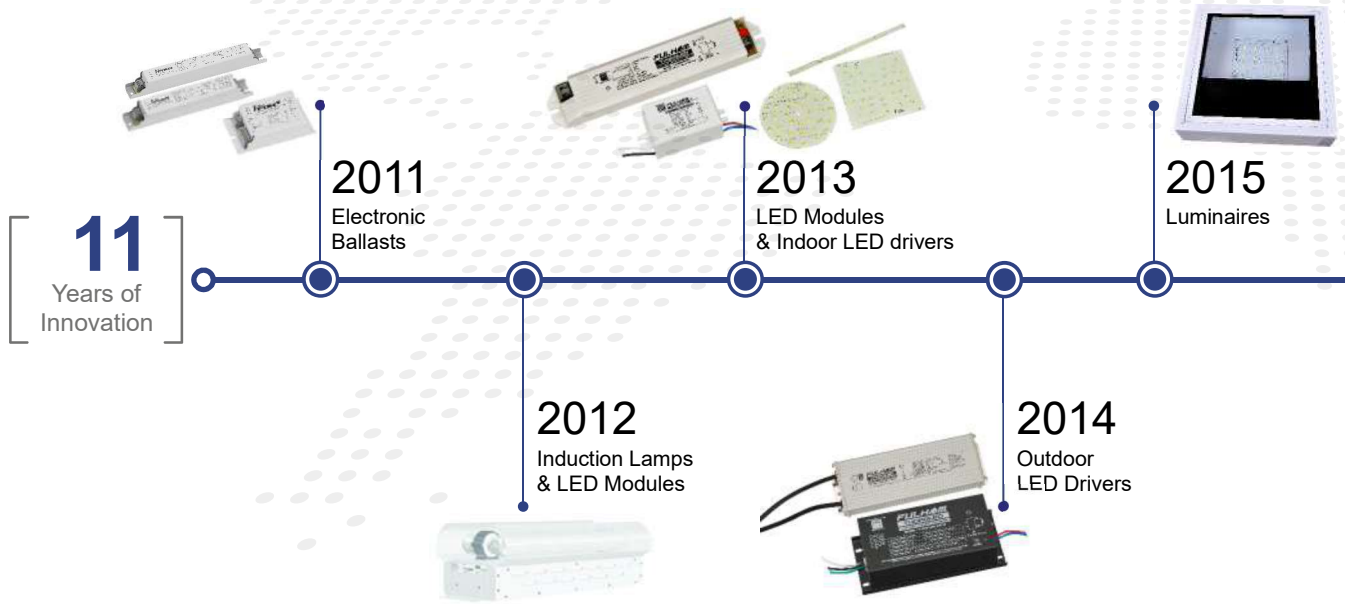
FULHAM
Harness the Horsepower

Celebrating 25+ years of working with our customers to deliver innovative lighting solutions. Thank you for your support!

Global Timeline



India Timeline



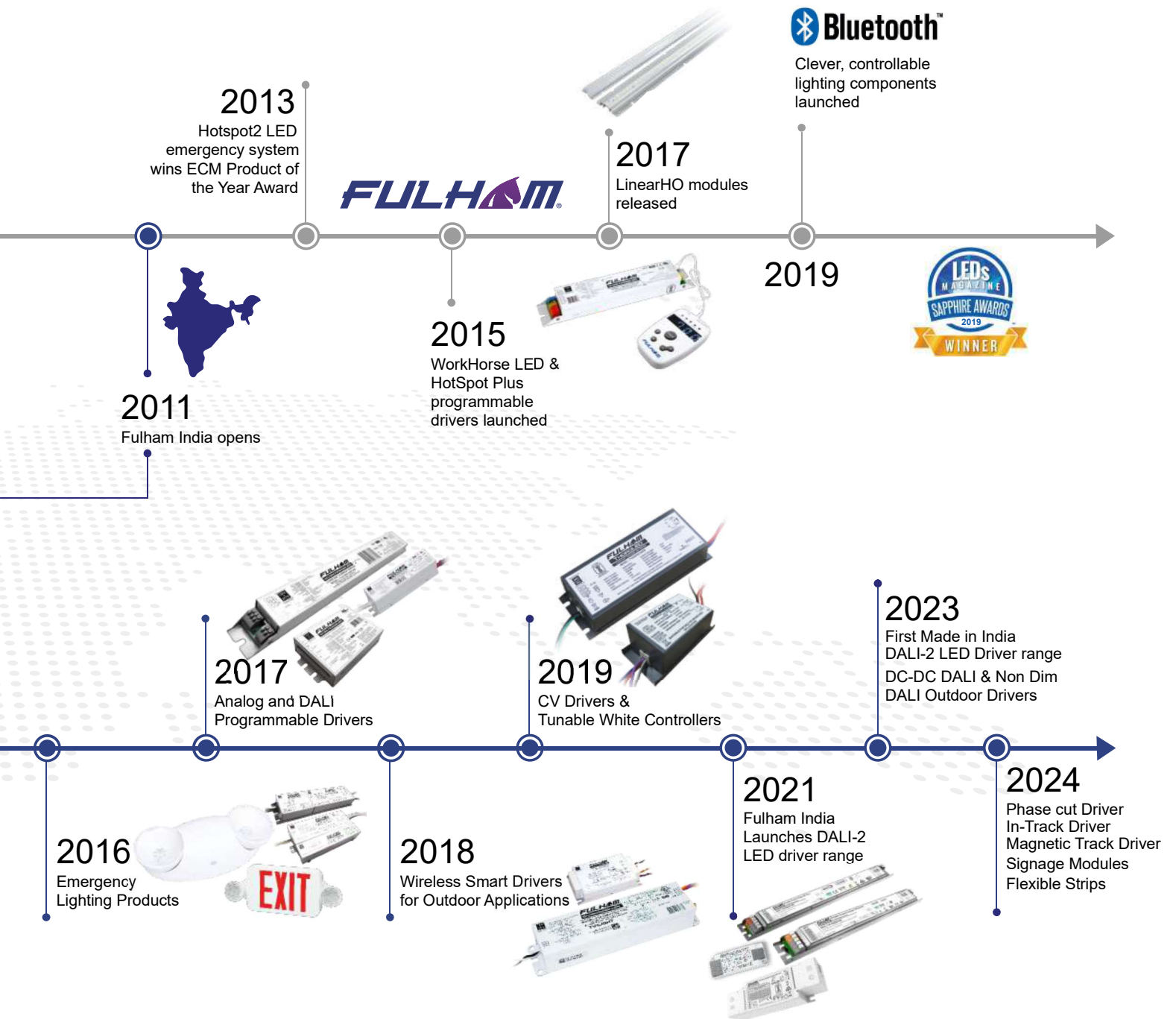
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RIGHT PAGE

Multiple industry accolades, milestones and patents

Global development, manufacturing, sales and service: Americas / Europe / India / Asia

A true lighting leader





DALI-2 NFC Programmable Drivers



DALI Constant Current : Round Range Drivers

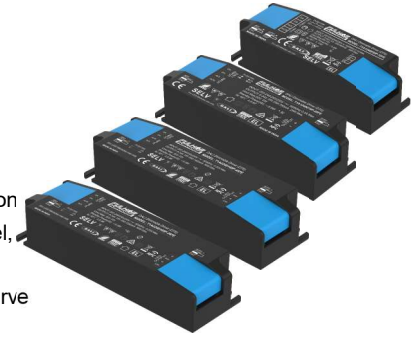


- DALI-2 + pushDIM + pushCCT
- CLO, Current setting through NFC
- Compliant to DALI Part 251, 252, 253
- Soft dimming & flicker-free at any brightness
- Dimming range : 0.1-100%,
- 10W/15W/25W/36W
- DALI Function setting through NFC
- Intelligent LED hot-plug protection function
- O/P Current, Min-Max Level, Failure level, Power on level, Address, Group, Scenes
- Fade time, Fade rate, Select dimming curve
- Linear OR Logarithmic.

DALI	Form Factor	Model No.	Current Setting (NFC) mA	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
DT6	Round	T1A1240050P-10DE	100-500	3-42	10W	Ø57*H24
DT6	Round	T1A1240070P-15DE	200-700	3-42	15W	Ø57*H24
DT6	Round	T1A1240085P-25DE	300-850	3-42	25W	Ø65*H30
DT6	Round	T1A1240120P-36DE	600-1200	3-42	36W	Ø65*H30
DT8	Round	T1A2240050P-10DE	100-500	3-42	10W	Ø57*H24
DT8	Round	T1A2240070P-15DE	200-700	3-42	15W	Ø57*H24
DT8	Round	T1A2240085P-25DE	300-850	3-42	25W	Ø65*H30
DT8	Round	T1A2240120P-36DE	600-1200	3-42	36W	Ø65*H30



DALI Constant Current : Compact Range Drivers



- DALI-2 + pushDIM + pushCCT
- CLO, Current setting through NFC
- Compliant to DALI Part 251, 252, 253
- Soft dimming & flicker-free at any brightness
- Dimming range : 0.1-100%,
- 10W/25W/36W/45W
- DALI Function setting through NFC
- Intelligent LED hot-plug protection function
- O/P Current, Min-Max Level, Failure level, Power on level, Address, Group, Scenes
- Fade time, Fade rate, Select dimming curve
- Linear OR Logarithmic.

Form Factor	Model No.	Current Setting (NFC) mA	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
Compact DT6	T1A1240050P-10FE	100-500	3-42	10W	L101*W36*H25
Compact DT8	T1A2240050P-10FE	100-500	3-42	10W	L101*W36*H25
Compact DT6	T1A1240070P-25FE	250-700	3-42	25W	L120*W41*H28
Compact DT8	T1A2240070P-25FE	250-700	3-42	25W	L120*W41*H28
Compact DT6	T1A1240105P-36FE	330-1050	6-54	36W	L145*W45*H28
Compact DT8	T1A2240105P-36FE	330-1050	6-54	36W	L145*W45*H28
Compact DT6	T1A1240140P-45FE	500-1400	6-54	45W	L145*W45*H28
Compact DT8	T1A2240140P-45FE	500-1400	6-54	45W	L145*W45*H28



DALI Constant Current: Linear Range Drivers



- DALI-2 + pushDIM + pushCCT
- CLO, Current setting through NFC
- Compliant to DALI Part 251, 252, 253
- Soft dimming & flicker-free at any brightness
- Dimming range : 0.1-100%,
- 30W/40W/50W/60W/80W
- DALI Function setting through NFC
- Intelligent LED hot-plug protection function
- O/P Current, Min-Max Level, Failure level, Power on level, Address, Group, Scenes
- Fade time, Fade rate, Select dimming curve
- Linear OR Logarithmic.

Form Factor	Model No.	Current Setting (NFC) mA	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
Linear DT6	T1A1240085P-30EE	250-850	10-54	30W	L243*W30*H21
Linear DT8	T1A2240085P-30EE	250-850	10-54	30W	L243*W30*H21
Linear DT6	T1A1240105P-40EE	500-1050	10-54	40W	L243*W30*H21
Linear DT8	T1A2240105P-40EE	500-1050	10-54	40W	L243*W30*H21
Linear DT6	T1A1240130P-50EE	650-1300	10-54	50W	L284*W30*H21
Linear DT8	T1A2240130P-50EE	650-1300	10-54	50W	L284*W30*H21
Linear DT6	T1A1240170P-60EE	900-1700	10-54	60W	L355*W30*H21
Linear DT8	T1A2240170P-60EE	900-1700	10-54	60W	L355*W30*H21
Linear DT6	T1A1240200P-80EE	1000-2000	10-54	80W	L355*W30*H21
Linear DT8	T1A1240200P-80EE	1000-2000	10-54	80W	L355*W30*H21



DALI Constant Current : Outdoor Range Drivers



- DALI-2 + pushDIM
- Programmable Current
- Compliant to DALI Part 201, 202, 207
- Soft dimming & flicker-free
- Dimming range : 1-100%,
- 60W/150W
- CLO Function (Constant lumen output)
- Intelligent LED hot-plug protection function
- O/P Current, Min-Max Level, Failure level,
- IP65 Rated

Form Factor	Model No.	Programmable Current (mA)	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
Compact DT6	T1A1240150P-60PE	900-1500	24-42	60W	L161*W50*H34
Compact Dt6	T1A1240400P-150PE	2500-4000	24-42	150W	L197*W68*H38



DALI-2 Drivers



DALI Constant Current : Compact Range Drivers



- DALI-2 + pushDIM Dimming
- 16 level current output by external DIP Switch
- Dimming range : 1-100%, Output current accuracy 2%
- Soft dimming & flicker-free at any brightness
- Screw-free & Pressing type Strain relief
- Intelligent LED hot-plug protection function
- CE, DALI-2 Certification
- 10W/18W/22W/28W/42W/60W

Form Factor	Model No.	Current selection (DIP switch) mA	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
Compact	T1A1240035S-10EE	100-350	12-42	10.5W	L130*W29*H20
Compact	T1A1240070S-10EE	350-700	2.5-17	10W	L130*W29*H20
Compact	T1A1240035S-10FE	100-350	6-42	10W	L117*W46*H24
Compact	T1A1240045S-18FE	300-450	3-42	18W	L98*W44*H30
Compact	T1A1240060S-22FE	225-600	6-42	22W	L117*W46*H29
Compact	T1A1240075S-28FE	300-750	6-42	28W	L117*W46*H29
Compact	T1A1240110N-42FE	450-1100	6-42	42W	L103*W69*H31
Compact	T1A1240200S-60FE	800-2000	6-42	60W	L123.5*W79.5*H31



DALI Constant Current: Linear Range Drivers



- DALI-2 + pushDIM Dimming
- 10 level current output by external DIP Switch
- Dimming range : 1-100%, Output current accuracy 2%
- Soft dimming & flicker-free at any brightness
- Standby Power Input less than 0.5 W -
- SELV and CLASS-1 Design
- Intelligent LED hot-plug protection function
- High PF, High Efficiency, Low THD
- CE, DALI-2 Certification
- 30W/40W/50W/60w/70W/80W

Form Factor	Model No.	Current selection (DIP switch) mA	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
Linear	T1A1240075S-30EE	300-750	3-42	30W	L245*W30*H21
Linear	T1A1240100S-40EE	550-1000	3-42	40W	L285*W30*H21
Linear	T1A1240125S-50EE	800-1250	3-42	50W	L285*W30*H21
Linear	T1A1240075S-40EE	300-750	3-54	40W	L285*W30*H21
Linear	T1A1240100S-50EE	550-1000	3-54	50W	L285*W30*H21
Linear	T1A1240165S-60EE	900-1650	12-42	60W	L355*W30*H21
Linear	T1A1240150S-70EE	1050-1500	3-54	70W	L355*W36*H23
Linear	T1A1240200S-80EE	1200-2000	6-42	80W	L355*W36*H23



DALI Constant Current: Tunable White (DT8) Drivers

- DALI-2 + pushDIM Dimming + pushCCT Control
- Support advanced functions such as corridorDIM,EL,CLO
- 10 level current output by external DIP Switch
- Soft dimming & flicker-free at any brightness
- Dimming range : 1-100%, Output current accuracy 2%
- Suitable for Emergency Lighting - En50172
- Screw-free & Pressing type Strain relief
- Intelligent LED hot-plug protection function
- CE, DALI-2 Certification
- Standby Power Input less than 0.5 W



Form Factor	Model No.	Current selection (DIP switch) mA	O/P Voltage	O/P Wattage (W)	Size (mm)
Compact	T1A2240035S-10FE	100-350	12-54	10W	L117*W46*H24
Compact	T1A2240045S-22FE	150-450	12-54	22W	L117*W46*H29
Compact	T1A2240080S-30FE	350-800	12-54	30W	L117*W46*H29
Compact	T1A2240105S-42FE	600-1050	12-42	42W	L173*W75*H30
Compact	T1A2240150S-60FE	1050-1500	12-42	60W	L191*W75*H30
Linear	T1A2240105S-42EE	600-1050	12-42	42W	L285*W30*H21
Linear	T1A2240150S-60EE	1050-1500	12-42	60W	L355*W30*H21



DALI Constant Voltage: 24V Dimmable (DT6) & Tunable White (DT8) Drivers

- DALI-2 + pushDIM Dimming
- Dimming range : 1-100%, Output current accuracy 2%
- Soft dimming & flicker-free at any brightness
- SELV and CLASS-1 Design
- CE, DALI-2 Certification
- High PF, High Efficiency, Low THD
- 60W, 100W, 150W, 200W - DT6 Drivers
- Standby Power Input less than 0.5 W - Meets
- DALI-2 + pushDIM + pushCCT Control
- 2-Channel Constant Voltage Output
- Dimming range : 1-100%, Output current accuracy 2%
- Soft dimming & flicker-free at any brightness
- SELV and CLASS-1 Design
- CE, DALI-2 Certification
- 100W, 150W - DT8 Drivers
- Standby Power Input less than 0.5 W



DALI	Form Factor	Model No.	Max. O/P Current	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
DT6	Linear	T1A1240024V-60E	2.5A	24V (+/-5%)	60W	L285*L30*L21
DT6	Linear	T1A1240024V-100E	4.2A	24V (+/-5%)	100W	L355*L30*L21
DT6	Linear	T1A1240024V-150E	6.25A	24V (+/-5%)	150W	L355*W36*H23
DT6	Linear	T1A1240024V-200E	8.33A	24V (+/-5%)	200W	L321.5*W48*H30
DT8	Linear	T1A1240024V-100E	4.2A	24V (+/-5%)	100W	L355*L30*L21
DT8	Linear	T1A1240024V-150E	6.25A	24V (+/-5%)	150W	L355*W36*H23
DT8	Linear	T1A2240024V-200E	8.33A	24V (+/-5%)	200W	L322*W48.5*H30.5



DALI-2 Drivers



DALI Constant Voltage : 48v

- DALI-2 + pushDIM Dimming
- Dimming range : 1-100%, Output current accuracy 2%
- Soft dimming & flicker-free at any brightness
- Standby Power Input less than 0.5 W -
- SELV and CLASS-1 Design
- CE, DALI-2 Certification
- High PF, High Efficiency, Low THD
- 60W, 100W, 150W - DT6 Drivers



Form Factor	Model No.	O/P Current	O/P Voltage	O/P Wattage (W)	Size (mm)
Linear	T1A1240048V-60E	1.25A	48V (+/-5%)	60W	L285*L30*L21
Linear	T1A1240048V-100E	2.1A	48V (+/-5%)	100W	L355*L30*L21
Linear	T1A1240048V-150E	3.12A	48V (+/-5%)	150W	L355*W36*H23



DALI Constant Current: Linear NON-ISOLATED Range Drivers

- DALI-2 + pushDIM Dimming
- 10 level current output by external DIP Switch
- Dimming range : 1-100%, Output current accuracy 2%
- Soft dimming & flicker-free at any brightness
- Standby Power Input less than 0.5 W
- SELV and CLASS-1 Design
- Intelligent LED hot-plug protection function
- High PF, High Efficiency, Low THD
- CE, DALI-2 Certification
- 40W/60w/75W/100W



Form Factor	Model No.	Current selection (DIP switch) mA	O/P Voltage (Vdc)	Max. O/P Wattage	Size (mm)
Linear - non isolated	T1A1240040S-40EE	75-400	54-240	40W	L265*W30*H21
Linear - non isolated	T1A1240045S-60EE	75-450	54-240	60W	L265*W30*H21
Linear - non isolated	T1A1240055S-75EE	100-550	54-240	75W	L265*W30*H21
Linear - non isolated	T1A1240045S-75EE	100-450	54-200	75W	L245*W30*H21
Linear - non isolated	T1A1240080S-100EE	250-800	54-200	100W	L285*W30*H21

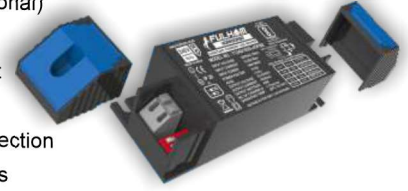


WorkHorse - INDOOR DRIVERS



FBE Series (Low Ripple -DIP switch)

- Low Ripple (O/P current ripple < 5%)
- O/P Current selection through DIP Switch
- THD < 10% at all currents
- Power factor > 0.95 at all currents
- Thermal Foldback at Max TC
- Life 50,000hrs at max Tc
- Cable Clamp for Independent Installation (Optional)
- CE Compliant
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Input OVP cutoff and 440V sustenance for 8 hrs

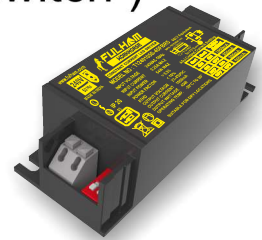


Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Protections	Size (mm)
T1240050S-22FBE	250/350/450/500	21-43	22	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	L107*W44*H32
T1240070S-30FBE	400/500/600/700	21-43	30	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	L107*W44*H32
T1240105S-45FBE	800/900/950/1050	21-43	45	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	L107*W44*H32



FB5 Series (Low Ripple -DIP switch)

- Low Ripple (O/P current ripple < 5%)
- O/P Current selection through DIP Switch
- THD < 10%
- Power factor > 0.95
- Thermal Foldback at Max TC
- Life 30,000hrs at max Tc
- Cable Clamp for Independent Installation (Optional)
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Input OVP cutoff and 440V sustenance for 8 hrs

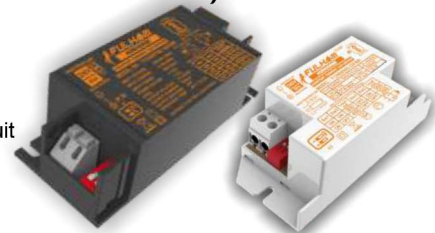


Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Protections	Size (mm)
T1240050S-22FB5	250/350/450/500	21-43	22	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	L107*W44*H32
T1240070S-30FB5	400/500/600/700	21-43	30	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	L107*W44*H32
T1240105S-45FB5	800/900/950/1050	21-43	45	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	L107*W44*H32



FBR Series (Compact -DIPswitch)

- O/P Current selection through DIP Switch
- THD < 10% at all currents
- Power factor > 0.95 at all currents
- Input OVP cutoff and 440V sustenance for 48 hrs
- Cable Clamp for Independent Installation (Optional)
- Thermal Foldback at Max TC
- Suitable for CLASS II fixtures
- O/P Open & short circuit protection
- O/P overload & O/P to ground short circuit protection
- Life 30,000hrs at max Tc

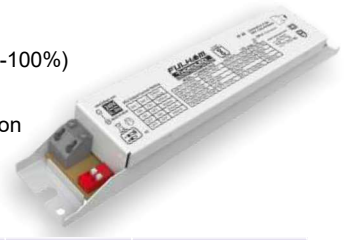


Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Protections	Size (mm)
T1240050S-22FBR	250/350/450/500	21-43	22	4KV, 325VAC(Cutoff), 440VAC(48 Hrs)	L80*W40*H27
T1240070S-30FBR	550/600/650/700	21-43	30	4KV, 325VAC(Cutoff), 440VAC(48 Hrs)	L107*W44*H32
T1240105S-45FBR	800/900/950/1050	21-43	45	4KV, 325VAC(Cutoff), 440VAC(48 Hrs)	L107*W44*H32



Metal Linear

- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , Class II
- Life 50,000hrs at max Tc
- Input OVP cutoff and 440V sustenance for 8 hrs
- Non Dimmable & Dimmable. (Dimming range 10%-100%)
- O/P Open & short circuit protection
- O/P overload & O/P to ground short circuit protection
- O/P Current selection option with Switch provision



Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Protections	Dimming	Size (mm)
T1240050S-25LB	350/400/450/500	30-50	30	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L183*W30*H23
T1240060S-30LB	450/500/550/600	30-50	30	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L183*W30*H23
T1240080S-40LB	650/700/750/800	30-50	40	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L183*W30*H23
T1240100S-40LB	850/900/950/1000	24-40	40	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L183*W30*H23
T1240105S-57LB	800/850/900/950/1050	40-54V	57	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L183*W30*H28
T1M1240050S-25LB	350/400/450/500	30-50	25	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	1-10V Analog	L183*W30*H23
T1M1240060S-30LB	450/500/550/600	30-50	30	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	1-10V Analog	L183*W30*H23
T1M1240080S-40LB	650/700/750/800	30-50	40	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	1-10V Analog	L183*W30*H23
T1M1240100S-40LB	850/900/950/1000	24-40	40	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	1-10V Analog	L183*W30*H23



PC Linear

- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , Class II
- Life 50,000hrs at max Tc
- Input OVP cutoff and 440V sustenance for 8 hrs
- Non Dimmable
- O/P Open & short circuit protection
- O/P overload & O/P to ground short circuit protection
- O/P Current selection option with Switch provision



Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Protections	Dimming	Size (mm)
T1240060S-23EB	450/500/550/600	24-40	23	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L150*W32*H25
T1240080S-30EB	650/700/750/800	30-50	30	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L150*W32*H25
T1240100S-38EB	850/900/950/1000	30-50	38	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L150*W32*H25



PC Linear Flicker free

- Flicker FREE, O/P Ripple current < 5%
- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , Class II
- Life 50,000hrs at max Tc
- Non Dimmable
- Input OVP cutoff and 440V sustenance for 8 hrs
- O/P Open & short circuit protection
- O/P overload & O/P to ground short circuit protection
- O/P Current selection option with Switch provision



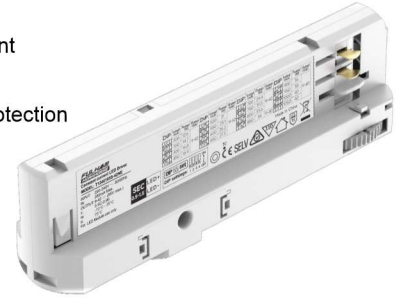
Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Protections	Dimming	Size (mm)
T1240040S-15EB5	250/300/350/400	24-40	15	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L150*W32*H25
T1240060S-23EB5	450/500/550/600	24-40	23	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L150*W32*H25
T1240080S-30EB5	650/700/750/800	24-40	30	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L150*W32*H25
T1240100S-38EB5	850/900/950/1000	24-40	38	4KV, 325VAC(Cutoff), 440VAC(8 Hrs)	NA	L150*W32*H25



IN-Track 3 Phase 4 Wire Driver Series

- O/P Current selection through DIP Switch
- Flicker Free, O/P Ripple < 5%
- THD < 10%
- Power factor > 0.95
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Life 30,000hrs at max Tc

Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)
T1240105S-42NE	300 - 1050	9-42V	42



IN-Track 1 Phase 3 Wire Driver Series

- O/P Current selection through DIP Switch
- Flicker Free, O/P Ripple < 5%
- THD < 10%
- Power factor > 0.95
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Life 30,000hrs at max Tc

Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)
T1240050S-20JE	350 - 500	28-40	20
T1240080S-32JE	500 - 800	28-40	32
T1240105S-42JE	900 - 1050	28-40	42



IN-Track 3 Phase 6 Wire DALI-2 Driver Series

- DALI-2 DT6 Constant current Driver
- O/P Current selection through DIP Switch
- Flicker Free, O/P Ripple < 5%
- THD < 10%
- Power factor > 0.95
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Life 30,000hrs at max Tc

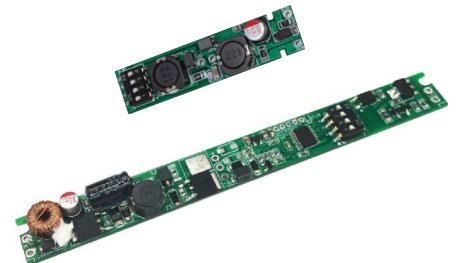
Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)
T1A1240105S-42NE	300 - 1050	9-42V	42



Magnetic track DC-DC Series

- Non-Dim & DALI-2 DT6 & DT8 DC-DC
- O/P Current selection through DIP Switch
- Flicker Free, O/P Ripple < 5%
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Life 50,000hrs

Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Dimming	Size (mm)
T1048040S-17AE	150 - 400	12-42	17	NA	L58*W14*H9.4
T1048080S-30AE	450 - 800	12-42	30	NA	L58*W14*H9.4
T1A1048070S-30AE	150 - 700	12-42	30	NA	L125*W13.8*H10.5
T1A2048070S-30AE	150 - 700	12-42	30	NA	L125*W13.8*H10.5





Round Driver Series (Jumper setting)

- O/P Current selection through Jumper
- THD < 10%
- Power factor > 0.95
- Thermal Foldback at Max TC
- Life 30,000hrs at max Tc
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Input OVP cutoff and 440V sustenance for 8 hrs



Model No.	Current(mA)	Voltage (Vdc)	Wattage (W)	Protections	Size (mm)
T1240035J-14DB	250/350	24-40	14	3KV, 300VAC(Cutoff), 440VAC(8 Hrs)	φ43*H23
T1240060J-24DB	500/600	24-40	24	4KV, 300VAC(Cutoff), 440VAC(8 Hrs)	φ56*H30
T1240080J-32DB	700/800	24-40	32	4KV, 300VAC(Cutoff), 440VAC(8 Hrs)	φ65*H30
T1240090J-36DB	850/900	24-40	36	4KV, 300VAC(Cutoff), 440VAC(8 Hrs)	φ65*H30



INDOOR DRIVERS



SUGARCUBE - Indoor Drivers

- SELV Equivalent , Class II
- Sustains at 320Vac for 48 hrs. & 360Vac for 2 Hrs
- O/P overload & O/P to ground short circuit protection
- Warranty : 3 years
- O/P Open & short circuit protection
- Life 30,000hrs at max Tc



Model No.	Current(mA)	Voltage (V)	Wattage (W)	PF	SURGE	IP Rating	SIZE (mm)
T12400250-04F.	250	9-18	4	> 0.85	3KV	IP20	L80*W40*H27
T12400150-06F.	150	21-42	6	> 0.85	3KV	IP20	L80*W40*H27
T12400200-08F.	200	21-42	8	> 0.90	3KV	IP20	L80*W40*H27
T12400700-08F.	700	7-12	8	> 0.85	3KV	IP20	L80*W40*H27
T12400250-10F.	250	22-42	10	> 0.95	3KV	IP20	L80*W40*H27
T12400640-13F.	640	12-21	13	> 0.95	3KV	IP20	L80*W40*H27
T12400300-13F.	300	21-42	13	> 0.95	3KV	IP20	L80*W40*H27
T12400350-15F.	350	21-42	15	> 0.95	3KV	IP20	L80*W40*H27
T12400700-15F.	700	12-21	15	> 0.85	3KV	IP20	L80*W40*H27
T12400400-17F.	400	21-42	17	> 0.95	3KV	IP20	L80*W40*H27
T12400450-18F.	450	30-40	18	> 0.95	3KV	IP20	L80*W40*H27
T12400500-20F.	500	30-40	20	> 0.85	3KV	IP20	L80*W40*H27



SUGARCUBE - RF Indoor Drivers

- SELV Equivalent , Class II
- Sustains at 320Vac for 48 hrs. & 360Vac for 2 Hrs
- O/P overload & O/P to ground short circuit protection
- Warranty : 3 years
- O/P Open & short circuit protection
- Life 30,000hrs at max Tc

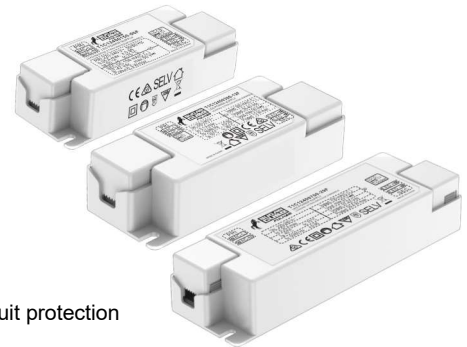


Model No.	Current (mA)	Voltage (V)	Wattage (W)	PF	SURGE	IP Rating	SIZE (mm)
T1R22400150-6F	250	3-40	6	> 0.5	3KV	IP20	L90*W50*H28
T1R22400300-13F	150	18-42	13	> 0.5	3KV	IP20	L115*W45*H31
T1R22400350-15F	300	18-40	15	> 0.5	3KV	IP20	L115*W45*H31
T1R22400500-21F	200	30-42	21	> 0.5	3KV	IP20	L115*W45*H31
FH-RFBT10	FH-RFBT 10 Remote / DIM/CCT/ Sleek / 1 Zone 2 Scene Control						
FH-RFBT15	FH-RFBT 12 Remote / DIM/CCT/ Sleek / 4 Zone 4 Scene Control						
FH-RFBT15	FH-RFBT 15 Remote / DIM/CCT/ Round Silver / Black						



SUGARCUBE - Phase cut Indoor Drivers

- Leading & Trailing Edge Dimming
- Dimming range 10 to 100%
- SELV Equivalent , Class II
- Life 30,000hrs at max Tc
- Warranty : 3 years
- O/P Open & short circuit protection
- Inbuilt cable clamp option
- O/P overload & O/P to ground short circuit protection



Model No.	Current(mA)	Voltage (V)	Wattage (W)	PF	SURGE	IP Rating	SIZE (mm)
T1C12400150-06F	150	27-42	6	> 0.95	3KV	IP20	L100*W38*H25
T1C12400200-08F	200	27-42	8	> 0.95	3KV	IP20	L100*W38*H25
T1C12400300-12F	300	26-40	12	> 0.95	3KV	IP20	L116*W42.5*H28
T1C12400350-15F	350	27-42	15	> 0.95	3KV	IP20	L116*W42.5*H28
T1C12400700-15F	700	14-22	15	> 0.95	3KV	IP20	L116*W42.5*H28
T1C12400500-21F	500	27-42	21	> 0.95	3KV	IP20	L116*W42.5*H28
T1C12400700-29F	700	27-42	29	> 0.95	3KV	IP20	L150*W45*H30



SUGARCUBE - CV Indoor



- 12v, 24v & 48v Constant Voltage LED Driver
- Flicker FREE, O/P Ripple current < 5%
- THD < 10%
- Power factor > 0.95
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- Input OVP cutoff and 440V sustenance for 8 hrs
- O/P overload & O/P to ground short circuit protection

Model No.	Current (A)	Voltage (V)	Wattage (W)	PF	SURGE	IP Rating	SIZE (mm)
T1240024V-30EO	1.25	24	30	> 0.95	3KV	IP20	L150*W32*H25
T1240024V-60EO	2.50	24	60	> 0.95	3KV	IP20	L210*W40*H30
T1240024V-100EO	4.17	24	100	> 0.95	3KV	IP20	L255.5*W41*H31



SUGARCUBE - CV Indoor



- 12v, 24v & 48v Constant Voltage LED Driver
- Flicker FREE, O/P Ripple current < 5%
- THD < 10%
- Power factor > 0.95
- CE Compliant
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Life 30,000hrs

Model No.	Current (A)	Voltage (V)	Wattage (W)	PF	IP Rating	SIZE (mm)
T1240012V-30EE	2.50	12	30	> 0.95	IP20	L136*W38*H28
T1240024V-30EE	1.25	24	30	> 0.95	IP20	L136*W38*H28
T1240012V-60EE	5.00	12	60	> 0.95	IP20	L168*W38*H30
T1240024V-60EE	2.50	24	60	> 0.95	IP20	L168*W38*H30
T1240024V-120EE	5.00	24	120	> 0.95	IP20	L268*W45*H30.5
T1240048V-120EE	2.50	48	120	> 0.95	IP20	L268*W45*H30.5
T1240024V-150EE	6.25	24	150	> 0.95	IP20	L268*W45*H30.5
T1240048V-150EE	3.13	48	150	> 0.95	IP20	L268*W45*H30.5



SUGARCUBE - CV Slim Indoor

- 12v, 24v & 48v Constant Voltage LED Driver • Suitable for CLASS II fixtures, SELV equivalent
- Flicker FREE, O/P Ripple current < 5%
- THD < 10%
- Power factor > 0.9
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection



Model No.	Current (A)	Voltage (V)	Wattage (W)	PF	IP Rating	SIZE (mm)
T1240012V-60EES	5.00	12	60	> 0.9	IP20	L150*W32*H25
T1240024V-60EES	2.50	24	60	> 0.9	IP20	L210*W40*H30
T1240012V-100EES	8.33	12	100	> 0.9	IP20	L255.5*W41*H31
T1240024V-100EES	4.17	24	100	> 0.9	IP20	L210*W40*H30
T1240024V-160EES	6.64	24	100	> 0.9	IP20	L255.5*W41*H31



SUGARCUBE - CV Magnetic track Indoor

- 48v Constant Voltage LED Driver
- Flicker FREE, O/P Ripple current < 5%
- THD < 10%
- Power factor > 0.9
- CE Compliant
- Suitable for CLASS II fixtures, SELV equivalent
- O/P Open & short circuit protection.
- O/P overload & O/P to ground short circuit protection
- Life 30,000hrs



Model No.	Current (A)	Voltage (V)	Wattage (W)	PF	IP Rating	SIZE (mm)
T1240048V-100ME	2.08	48	100	> 0.9	IP20	L280*W22*H43
T1240048V-150ME	3.13	48	150	> 0.9	IP20	L280*W22*H43
T1240048V-250ME	5.21	48	250	> 0.9	IP20	L404*W22*H43

OUTDOOR DRIVERS



PowerHorse - Round Outdoor Drivers

- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , CLASS II
- O/P Open & short circuit protection
- Input Over & Under voltage cutoff
- Sustains for 440Vac for 8 hrs
- Suitable for outdoor application
- Life 30,000hrs at max Tc



Model No.	Current (mA)	Voltage (V)	Wattage (W)	SURGE	IP Rating	SIZE (mm)
T1240060J-24PB	500/600	24-40	24	4KV	IP20	φ56*H30
T1240080J-32PB	700/800	24-40	32	4KV	IP20	φ65*H30
T1240090J-36PB	850/900	24-40	36	4KV	IP20	φ65*H30



PowerHorse - Outdoor Drivers

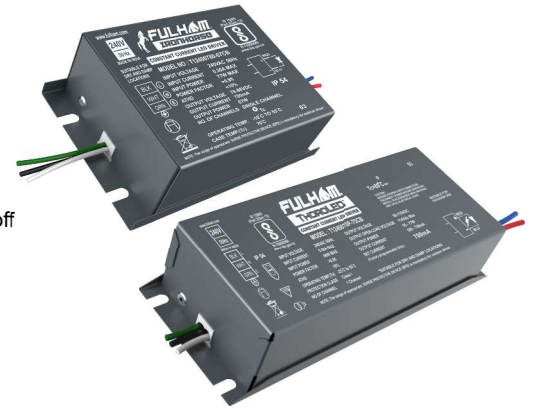
- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , CLASS II
- O/P Open & short circuit protection
- Input Over & Under voltage cutoff
- Sustains for 440Vac for 8 hrs
- Suitable for outdoor application
- Life 50,000hrs at max Tc



Model No.	Current (mA)	Voltage (V)	Wattage (W)	SURGE	IP Rating	SIZE (mm)
T12400700-08P10	700	7-12	8	4KV	IP66	L81*W41*H31
T12400250-10P10	250	21-42	10	4KV	IP66	L81*W41*H31
T12400300-13P	300	26-42	13	4KV	IP66	L81*W41*H31
T12400350-15P10E	350	26-42	15	4KV	IP66	L81*W41*H31
T12400700-15P10	700	12-21	15	4KV	IP66	L81*W41*H31
T12400430-16C10	430	30-38	16	4KV	IP66	L86.5*W45.5*H32
T12400500-19C	500	30-38	19	4KV	IP66	L86.5*W45.5*H32
T12400650-23CB	650	24-36	23	4KV	IP66	L93.6*W53.2*H35.2
T12400700-25PB	700	24-36	25	4KV	IP66	L93.6*W53.2*H35.2
T12400800-30CB	800	30-38	30	4KV	IP66	L93.6*W53.2*H35.2
T12400750-31P10B	750	30-42	31	4KV	IP66	L93.6*W53.2*H35.2
T12400860-33CB	860	30-38	33	4KV	IP66	L93.6*W53.2*H35.2
T12400950-34PB	950	28-36	34	4KV	IP66	L93.6*W53.2*H35.2
T12401050-38PB	1050	28-36	38	4KV	IP66	L93.6*W53.2*H35.2
T12401000-40CB	1000	30-40	40	4KV	IP66	L93.6*W53.2*H35.2
T12400700-42PB	700	40-60	42	4KV	IP66	L93.6*W53.2*H35.2
T12400800-44PB	800	40-55	44	4KV	IP66	L93.6*W53.2*H35.2



IronHorse - Outdoor Drivers



- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , CLASS II
- O/P Open & short circuit protection
- O/P overload & O/P to ground short circuit protection
- Input Over & Under voltage cutoff
- Sustains for 440Vac for 8 hrs
- Suitable for outdoor application
- Life 50,000hrs at max Tc

Model No.	Current (mA)	Voltage (V)	Wattage (W)	SURGE	IP Rating	Dimming	SIZE (mm)
T12401000-40CB	1000	30-40	40	4KV	IP54	NA	L95*W75*H38
T12401150-45CB	1150	30-39	45	4KV	IP54	NA	L105*W48*H31
T12400700-55CB	700	60-78	55	4KV	IP54	NA	L120*W76*H38
T12401400-56CB	1400	30-40	56	4KV	IP54	NA	L120*W76*H38
T12401550-62CB	1550	30-40	62	4KV	IP54	NA	L120*W76*H38
T12400700-65CB	700	75-93	65	5/5KV	IP54	NA	L120*W76*H38
T12400780-67CB	780	72-86	67	5/5KV	IP54	NA	L120*W76*H38
T1240070P-75CB	700	60-116	81	5/5KV	IP54	NA	L160*W60*H36
T1240078P-83CB	780	60-110	83	5/5KV	IP54	NA	L160*W60*H36
T12400700-112CB	700	120-160	112	4/4KV	IP54	NA	L165*W60*H36
T12401000-114CB	1000	80-114	114	NA 4/4KV	IP54	NA	L165*W60*H36
T12400700-150LB	700	140-214V	150	5/5KV	IP54	NA	L205*W63*H36
T12400780-167LBE	780	160-214	167	5/5KV	IP54	NA	L205*W80*H36
T12400700-200LBE	700	215-286	200	5/5KV	IP54	NA	L205*W80*H36
T1M12400700-75CBE	700	60-116	81	5/5KV	IP54	1-10v	L160*W60*H36
T1M12400700-112CB	700	120-160	112	4/4KV	IP54	1-10v	L165*W60*H36
T1M12401000-114CB	1000	80-114	114	4/4KV	IP54	1-10v	L165*W60*H36
T1M12400700-150LB	700	140-214	150	5/5KV	IP54	1-10v	L205*W63*H36



RaceHorse - Outdoor Drivers

- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , CLASS I
- O/P Ripple current <10%
- Life 50,000hrs at max Tc
- O/P Open & short circuit protection
- Input Over & Under voltage cutoff
- Sustains for 440Vac for 8 hrs
- O/P overload & O/P to ground short circuit protection
- Suitable for outdoor application



Model No.	Current(mA)	Voltage (V)	Wattage (W)	SURGE	IP Rating	SIZE (mm)
T12400700-200PBE	700	215-286	200	5/5KV	IP67	L230*W71*H39



PowerHorse - SPD



- Series connected
- Fully potted
- Compact size
- Thermally Protected
- 5KA / 10KV Surge protection
- 10KA / 20KV Surge protection
- Can sustain 15 Pulses of discharge current

Model No.	SURGE CAPACITY	NOMINAL DISCHARGE CURRENT	MAXIMUM DISCHARGE CURRENT	Max Continuous Operating Voltage (MCOV)	Voltage Protection Level	SIZE (mm)
SPD1230S5A5K54	10KV	5KA	10KA	440Vac	L-N 1400 L-E 1200 N-E 1200	66*31*25
SPD1230S5A5K67(IP67)	10KV	5KA	10KA	440Vac	L-N 1400 L-E 1200 N-E 1200	80*47*27
SPD1230S5A10K54	20KV	10KA	20KA	440Vac	L-N 1500 L-E 1500 N-E 500	80*47*27



RaceHorse - CV Non-Dim Outdoor Drivers

- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , CLASS I
- O/P Ripple current <10%
- Life 50,000hrs at max Tc
- O/P Open & short circuit protection
- Input Over & Under voltage cutoff
- Sustains for 440Vac for 8 hrs
- O/P overload & O/P to ground short circuit protection
- Suitable for outdoor application



Model No.	Current (mA)	Voltage (V)	Wattage (W)	SURGE	IP Rating	Dimming	SIZE (mm)
T12401000-40CB	1000	30-40	40	4KV	IP54	NA	L95*W75*H38
T12401150-45CB	1150	30-39	45	4KV	IP54	NA	L105*W48*H31
T12400700-55CB	700	60-78	55	4KV	IP54	NA	L120*W76*H38
T12401400-56CB	1400	30-40	56	4KV	IP54	NA	L120*W76*H38
T12401550-62CB	1550	30-40	62	4KV	IP54	NA	L120*W76*H38
T12400700-65CB	700	75-93	65	5/5KV	IP54	NA	L120*W76*H38

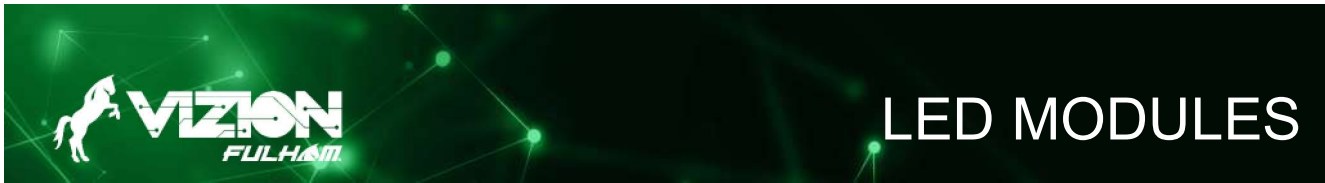


RaceHorse - CV Dimmable Outdoor Drivers

- THD Less than 10%
- Power factor > 0.95
- SELV equivalent , CLASS I
- O/P Ripple current <10%
- Life 50,000hrs at max Tc
- O/P Open & short circuit protection
- Input Over & Under voltage cutoff
- Sustains for 440Vac for 8 hrs
- O/P overload & O/P to ground short circuit protection
- Suitable for outdoor application



Model No.	Current (mA)	Voltage (V)	Wattage (W)	SURGE	IP Rating	Dimming	SIZE (mm)
T12401000-40CB	1000	30-40	40	4KV	IP54	NA	L95*W75*H38
T12401150-45CB	1150	30-39	45	4KV	IP54	NA	L105*W48*H31
T12400700-55CB	700	60-78	55	4KV	IP54	NA	L120*W76*H38
T12401400-56CB	1400	30-40	56	4KV	IP54	NA	L120*W76*H38
T12401550-62CB	1550	30-40	62	4KV	IP54	NA	L120*W76*H38
T12400700-65CB	700	75-93	65	5/5KV	IP54	NA	L120*W76*H38



Vizion - LUMOSPOT MR16 (50mm)

- Standard MR16 50mm Module Standard form factors.
- Ideal for retrofitting in luminaries
- Optimised for better heat dissipation
- High Lumen output (up to 1400lm)
- Industry Accepted Modular Designs
- Standard products for variety of applications
- Compatible with SELV Drivers
- Colour consistency 3 SCDM
- High CRI, standard 90 CRI, (80 CRI optional)
- 2700K, 3000K, 4000K & Tunable option (other CCT available on request)



Specifications	
Input Voltage	36VDC ± 3%
LED	COB
CRI	Standard 90 CRI, (80 CRI available on request)
Storage temp. range	-25°C ~ +60°C / 60RH
Operating temperature range (Ta)	-10°C ~ +45°C
Max Tc	70°C
Beam Angle	Options available (15°, 24°, 36°, 60°)
Color Consistency	Binning per ANSI C78.377-2015 @ 25°C Tj; 3 SDCM
Estimated Lumen Maintenance	L70: 50,000 hrs
Safety/Compliance	Dry Location
Mounting solution	50mm Standard MR16 Fixture
Housing material	High grade Aluminum
Warranty	5 years at Max. Tc Against manufacturing defects, from the date of manufacture.

ORDERING CODE

FHLS-1400-60D-965

PRODUCT FAMILY	↑	CCT
FHLS -FULHAM LUMOSPOT		27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 65 - 6500K TW - Tunable white
LUMEN PACKAGE	↑	CRI
1400 - 1400lm (delivered lumen)		9 - 90CRI 8 - 80CRI
LENS BEAM ANGLE	↑	
15D - 15° 24D - 24° 36D - 36° 60D - 60°		



Vizion - Standard LED Modules

- Available in Linear, Square, Round & Customised form factors.
- Ideal for extra-flat luminaries, minimum backlit distance
- Optimised for better heat dissipation
- High efficacy (up to 210lm/w)
- Industry Accepted Modular Designs
- Standard products for variety of applications
- Compatible with SELV Drivers
- Colour consistency 3 SCDM
- High CRI > 80
- 5700K, 4000K & 3000K standard products (other CCT available on request)



LED Module - Linear Fixtures (as per Zhaga Standard)	MODULE WATTAGE	LUMEN PACKAGE
1120x20mm (4 Ft Cuttable at 280mm)	36W (1120mm)	5800 lm
560x20mm (2 Ft Cuttable at 280mm)	18W (560mm)	2900 lm
280x20mm (1 Ft)	9W (280mm)	1450 lm

LED Module - 2 x 2 Fixture Solution	MODULE WATTAGE	LUMEN PACKAGE
500x10mm 10 LED per PCB (set of 10 PCB)	36W	5800 lm
500x10mm 12 LED per PCB (set of 10 PCB)	38W	6300 lm
538x10mm 14 LED per PCB (set of 14 PCB)	42W	6925 lm

LED Module - Round Downlight Modules	MODULE WATTAGE	LUMEN PACKAGE
110mm Round 48 LED	14W	2200 lm
120mm Round 65 LED	19W	3000 lm
130mm Round 72 LED	22W	3300 lm

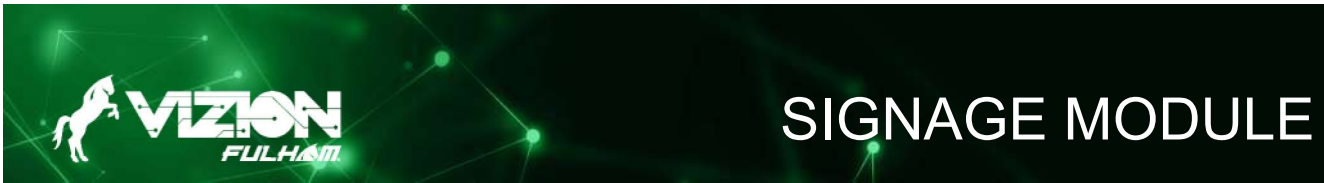
LED Module - 24V Constant Voltage Rigid Modules	MODULE WATTAGE	LUMEN PACKAGE
1000x15mm Single line LED - Cuttable at each 50mm	10W/mtr	1275 lm
1000x25mm Single line LED - Cuttable at each 50mm	20W/mtr	2500 lm
1000x37mm Single line LED - Cuttable at each 50mm	30W/mtr	3750 lm



Vizion - CCT Tunable LED Modules

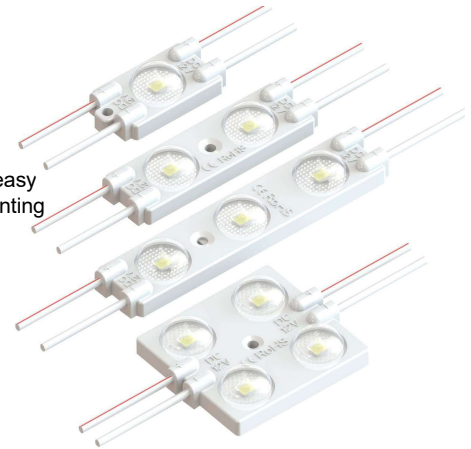
LED Module for Linear Fixtures (as per Zhaga Standard)	MODULE WATTAGE	LUMEN PACKAGE
1120x20mm (4 Ft Cuttable at 280mm)	36W (1120mm)	5800 lm
560.20mm (2 Ft Cuttable at 280mm)	18W (560mm)	2900 lm
280x20mm (1 Ft)	9W (280mm)	1450 lm

LED Module for 2 x 2 Fixture Solution	MODULE WATTAGE	LUMEN PACKAGE
500x10mm 10 LED per PCB (set of 10 PCB)	36W	5800 lm
500x10mm 12 LED per PCB (set of 10 PCB)	38W	6300 lm
538x10mm 14 LED per PCB (set of 14 PCB)	42W	6925 lm



Vizion - Signage Module

- Wide beam angle ~ 170 deg
- LED with one bin system (3SDCM) Consistent color.
- Cuttable, Stable & Reliable.
- Suitable for Dimming applications
- 12Vdc Constant voltage operated
- High grade 3M self adhesion tape for easy installation, in addition with screw mounting provision.
- Rated for IP67 application
- CCT - 6500K, Red, Green, Blue
- 80 CRI



Application:

LED modules for light panel based advertising | Backlighting | Sign boards | Barrisol Ceiling

Specifications	
Input Voltage	12VDC ± 3%
LED Quantity	Options - 1LED, 2LED, 3LED OR 4LED
CRI	Standard 80 CRI, (90 CRI available on request)
Storage temp. range	-25°C ~ +60°C / 60RH
Operating temperature range (Ta)	-10°C ~ +45°C
Max Tc	70°C
Estimated Lumen Maintenance	L70: 50,000 hrs
Housing material	FR Grade Polycarbonate
Warranty	5 years at Max. Tc Against manufacturing defects, from the date of manufacture.

ORDERING CODE

SIGNFLEX-1P-8-65

<p>PRODUCT FAMILY</p> <p>FHLS -FULHAM LUMOSPOT</p>		<p>CCT</p> <p>65 - 6500K RD - RED BL - BLUE CS - CUSTOM</p> <p>CRI</p> <p>9 - 90CRI 8 - 80CRI</p>
<p>LUMEN PACKAGE</p> <p>1400 - 1400lm (delivered lumen)</p>		





Vizion - Flexible LED Strip

- Super Bright LEDs - Stable & Reliable
- LED with one bin system (3SDCM) Consistent color
- Mounting means - 3M double side adhesive tape
- LEDs equally spaced to allow uniform light distribution
- Non-IP and IP66/68 version available
- 120° viewing angle per module
- 80 CRI/ 90 CRI Variants

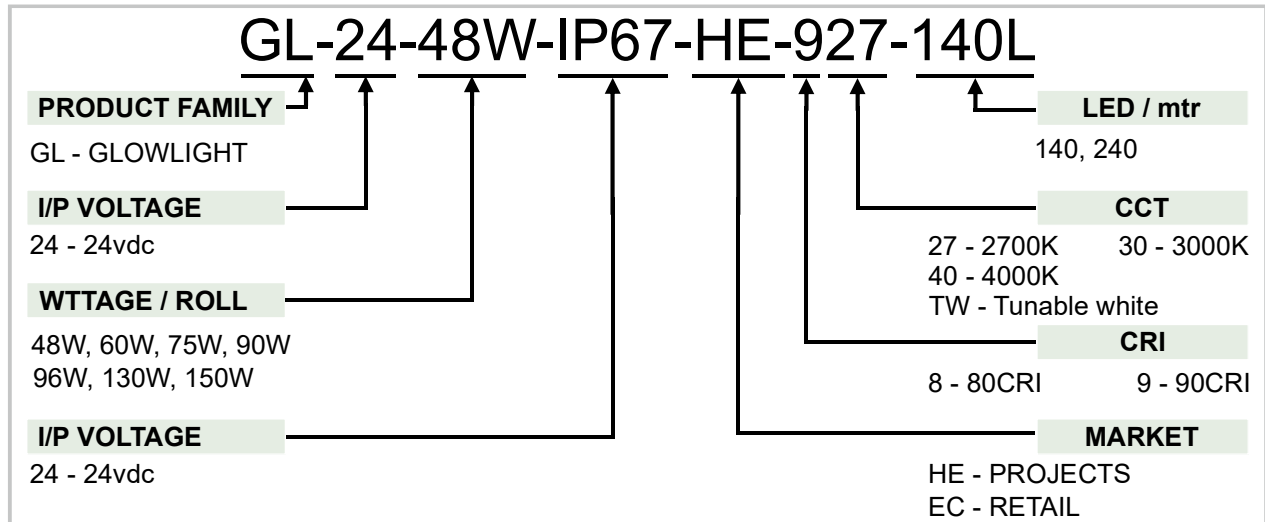


Applications: Hospitality Lighting, Cabinet Lighting, Signage, Architecture lighting, Wall integration, Residential, Retail, Façade Lighting, Cove Lighting, Landscape Lighting

Specifications

Input Voltage	24VDC ± 5%
LED Quantity	60 / 120 / 180 nos. (As per the Series)
Length	5 meter per reel
CRI	Standard 80, 90 available
Storage temp. range	-25°C ~ +60°C / 60RH
Operating temperature range (Ta)	-10°C ~ +45°C (For IP20 Rated models 10°C ~ +45°C)
Beam Angle	120°
Color Consistency	Binning per ANSI C78.377-2015 @ 25°C Tj; 3 SDCM
Estimated Lumen Maintenance	L70: 50,000 hrs
Safety/Compliance	Dry and Damp Location
Mounting solution	3M tape
Warranty	3 years @ Max. Tc from the date of manufacture against manufacturing defect

ORDERING CODE



EMERGENCY FIRE ESCAPE SOLUTION



EXIT Signs & Emergency Fixtures



- EXIT Signs with option of pathway lighting
- Dual Voltage operation (120V or 277V)
- Push-to-test switch
- UL Listed
- Stand alone battery back up of up to 90 Minutes
- Dual Voltage 120V/277V
- LED Charge Indicator
- Long life energy saving LED light source

Model No.	I/P Voltage	I/P Current (120V)	I/P Current (277V)	I/P Power (120V)	I/P Power (277V)	Operating Frequency	Operating Temp. Range	Ambient Temp. Range	Emergency Operation	Size (mm)
FHEM10	120/277 VAC	89.8mA	73.6mA	0.56W	0.54W	60Hz	20°C to 30°C / 68°F to 86°F		90 Minutes	9 L x 4.7 H x 2.75 W
FHEX20	120/277 VAC	19mA	9mA	1.49W	1.88W	60Hz	Ambient temperature rating (Indoor): 20°C to 30°C.		90 Minutes	12.6 L x 8.2 H
FHEC30	120/277 VAC	44mA	175mA	5W	4.8W	60Hz	20°C to 30°C / 68°F to 86°F		90 Minutes	17.9 L x 8.2 H



HotSpot2 LED Driver & Emergency System



- Compact, modular emergency backup for LED luminaires
- Can be configured stand alone / Integrated with existing system
- Can be used up to 200W Luminaire
- Backup output Wattage: 1.2W to 20W Max.
- Self-diagnostic capability reduces liability and maintenance costs
- Universal Voltage: 100-277V ~ , 50/60Hz
- Output Current: 100mA to 700mA (Programable)
- Output voltage 12V to 55V
- Backup time – minimum 90 Min.



Emergency LED Driver

Shape	Item Id	Description	Voltage	Current	Size (mm)
Compact	6913	FHS2-UNV-36L	12-55V	100-700	135.7X42.8X23.7
Linear	6912	FHS2-UNV-56S	12-56V	100-700	241.3X30X25.4

Battery Kit

Battery Model No	Cabinet	Chemistry	Pack Capacity	Max load for 90 min	Battery Voltage	Recharge Time	Size (mm)
FHSBATL3-6F	With Cabinet	LiFePo4	6000mAh	20W	9.6V	24Hrs	121.6X75X41.6
FHSBATL3-6FX	Without Cabinet	LiFePo4	6000mAh	20W	9.6V	24Hrs	101X75X41.6
FHSBATL3-6S	With Cabinet	LiFePo4	6000mAh	20W	9.6V	24Hrs	237.6X36X37.5
FHSBATL3-6SX	Without Cabinet	LiFePo4	6000mAh	20W	9.6V	24Hrs	227X36X37.5

ELECTRONIC BALLASTS

Fulham Electronic Ballasts For UV & Germicidal Applications



Provide a low-maintenance, energy-efficient solution for germicidal ultraviolet lighting applications, including water purification, air purification and surface disinfection.



WorkHorse - UV Ballast

- Instant start ballast
- Cover a wide range of applications
- Dedicated Voltage and Universal input models
- Versatile
- Energy Saving
- High Power Factor
- Light weight
- Small Case Size
- UL approved



MODEL	WATTAGE	Size (mm)
WH5-230-L	128W	242x44x26
WH7-230-L	220W	489x44x26



SunHorse - UV Ballast



- Program / Rapid Start Ballast
- Globally Certified products (CE, UL, cULus, RCM, CB)
- 30% Less Energy Use Than Traditional Magnetic Ballasts
- Multi-Current operation: Upto 6 lamps can be run off one ballast
- Constant UV Output Eliminates Buck/Boost Transformer
- Low Radiant Heat Reduces Air Conditioning Costs
- Extended Lamp Life Reduces Maintenance Costs
- "Dimming models feature Instant Start with 0-10V dimming control and linear (smooth) dimming from 100-70%"
- Compatible with wide range of lamp types & configurations



MODEL	WATTAGE	Size (mm)
SHS1-UNV-C-I	42	25.4x59.9x128.3
SHS10-UNV-H	150	32x66x254
SHS11-UNV-H	190	32x66x254
SHS14-UNV-H	150	32x66x254



LUMO SERIES

LUMO SERIES™

Fulham Lumo Series drivers are built on core engineering design principles for exceptional standards of performance and reliability in LED systems. Highest grade critical components together with design features for thermal management ensure excellent reliability.

Low ripple designs create flicker-free lighting and perfectly smooth dimming. Simplicity of specification and installation is a key characteristic of all Fulham Lumo Series drivers, hence the wide voltage and current ranges and industry leading low inrush current.



Engineered for Performance

- Industry leading efficiency
- Multiple dimming options and output currents
- Very high power factor



Engineered for Reliability

- Low inrush current
- Thermal, overload, short circuit and overvoltage protection
- Flicker-free light



Engineered for Simplicity

- Future-proof flexibility – industry leading voltage and current range enabling seamless support of LED generations and minimizing supply chain complexity

Non-Dim | Multiple Output Currents Dimming- | Multiple Output Currents Constant Voltage Output

Model No.	Alternate part number	Dimming Type	O//P Current	O/P Voltage	O/P Type	Size (mm)	Max O/P Power
L05020-1240700	L1MLT070S-12E40	Non-Dim	350/ 700 mA	3 - 34 Vdc / 3 - 17 Vdc	Constant current	99 x 39.3 x 23	12 W
L05021-40300	L1E1230030S-12E	Trailing edge	180 or 300mA	20 - 40 Vdc	Constant current	99 x 39.3 x 23	12W
L05021	L1E1230070S-12E	Trailing edge	350 or 700mA	3-32Vdc	Constant current	99 x 39.3 x 23	12W
L05011i2	L1W1MID120D-20E	0-10V, 1-10V, potentiometer 100K log b, pulse (SELV)	100 - 1200 mA	6 - 42 Vdc	Constant current OR Constant Voltage	110 x 52 x 23.5	20W
L05011i3	L1M1MID120S-24E	0-10V, 1-10V, potentiometer 100K log b, pulse (SELV)	200 - 1200 mA	6 - 42 Vdc	Constant current	110 x 52 x 23.5	200 - 1200 mA (20W) 600 - 900 mA (24W)

Final product image may vary. Fulham reserves the right to make changes in design & specification of products without prior notice. For final product details, connect to our team.

Capabilities of Fulham India Pvt. Ltd



Photometry Lab to test LEDs & LED Modules



Reliability Testing Facilities for New Products



Installed Capacity to manufacture > 300K LED Drivers per month



State-of-the-Art Auto Insertion and SMT Line



Four Highly-Flexible Manual Insertions Lines for driver assembly



Fully-Automated Soaking Set Up



Dedicated Line for LED Module Assembly



LED Module Soaking Set Up for 100% soaking of LED Modules



Dedicated team for custom-built LED Module design



Management system as per ISO 9001 : 2015



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Harness the Horsepower



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