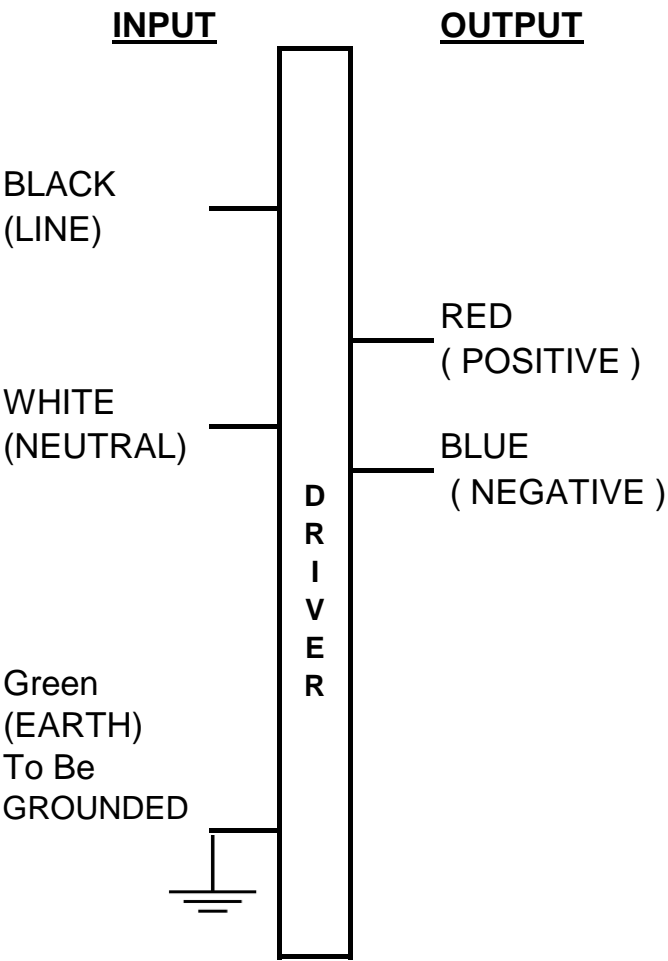


	9290 015 07214
Brand Name	Xitanium
Description	Xitanium 36W 0.7A 52V
Input Voltage	220 - 240V
Input Frequency	50 / 60 Hz
RoHS	Yes
Approbations	
Status	R0

Output Power (W)	Output Voltage (V)	Output Current (A)	Efficiency at Max Load	Max Case Temp (°C)	Input Current (Arms)	Max Input Power (W)	Inrush Current (Apk/50%-µs)	THD @ Max Load (%)	Power Factor @Max Load	Surge Protection Diff/Com(KV)	Weight (Kg)	Envir. Protection Rating
36	52	0.7	240V	75	240V	40	240V	≤ 10 @Max	≥ 0.95	4 /4	0.27	Dry &
			≥85		0.170		27/150	Load				

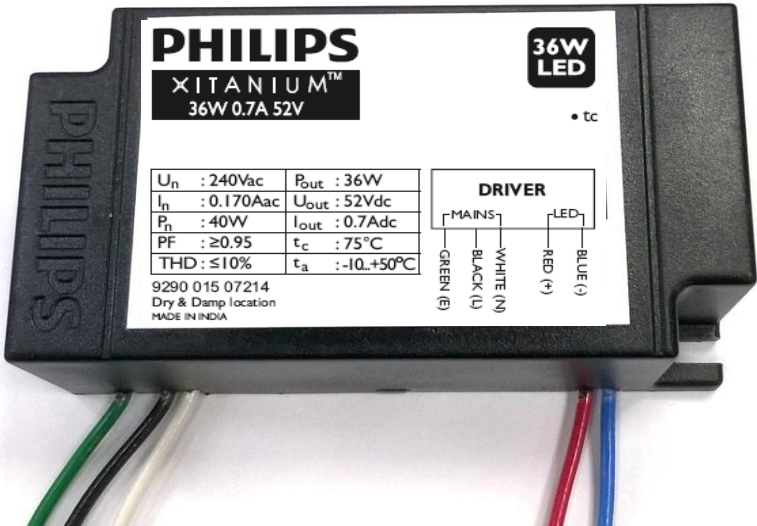
Wire Diagram



Input and output use lead-wires.
Lead-Wires are 105C / 600V
multistrand Copper wire with soldered ends

Lead Length
Standard lead length is 110mm (±10mm)
on all wires outside the can

Enclosure



	(mm)
Case Length	92
Case Width	54
Case Height	32
Mounting Length	82
Mounting Width	44

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PHILIPS

XITANIUM™

36W 0.7A 52V

36W LED

• tc

U _n : 240Vac	P _{out} : 36W
I _n : 0.170Aac	U _{out} : 52Vdc
P _n : 40W	I _{out} : 0.7Adc
PF : ≥0.95	t _c : 75°C
THD : ≤10%	t _a : -10...+50°C

9290 015 07214
Dry & Damp location
MADE IN INDIA

DRIVER

MAINS

LED

GREEN (E)

BLACK (L)

WHITE (N)

RED (+)

BLUE (-)

Product Data	
Full product code	9290 015 07214
Full product name	Xitanium 36W 0.7A 52V
Net weight per piece	270 gms
Dimming	None (FIXED)
Ambient Temp. Range	-10C to +50C
Line Voltage (AC Nominal)	220 - 240V +/-10%
Line Voltage (Output Power Regulation)	140 - 270V
Line Current	0.170A @ 240V
Line Frequency	50 Hz
Envir. Protection Rating	Dry and Damp
Life at Tc 65 drgree C	50000 hrs (nom.)
Ingress Protection	IP 20
Tc - Max.	75°C
Tc - Life	65°C
Inrush Current	27Apk @ 240V
Max. Driver number on MCB 16A (Type B)	31 (max.)
Input Over Voltage	Auto Shutdown at 300 ± 10V AC
	Can Survive input Voltage Stress of 320V for 48 hours
	Can Survive input Voltage Stress of 350V for 2 hours
LED Current Tolerance	+/- 5%of Idc
Earth Leakage Current	≤0.7 mA Pk
Output Current Ripple	45% (ripple = pk / avg.)
THD Total	≤ 10% @ Full Load @ 240V Supply
P.F. at Max. Load	≥ 0.95
Isolation (Input - Output)	3750V
Protection	Short Circuit and Open Circuit Protection for LED + and LED -
Standby Power	≤0.5W



9290 015 07214	
Brand Name	Xitanium
Description	Xitanium 36W 0.7A 52V
Input Voltage	220 - 240V
Input Frequency	50 / 60 Hz
RoHS	Yes
Approbations	
Status	R0

Installation & Application Notes :

Section I - Physical Characteristics

- 1.1 LED Driver shall be installed inside an electrical enclosure
- 1.2 Wiring inside electrical enclosure shall comply with 600V/105°C rating or higher

Section II - Performance

- 2.1 LED Driver has a rated lifetime of 50,000 hours @ Tc ≤ 65°C
- 2.2 LED Driver tolerates sustained open circuit and short circuit output conditions without damage
- 2.3 LED Driver maximum allowable case temperature is 75°C - see product label for measurement location
- 2.4 LED Driver complies with the requirements of IS 15885 (Part 2 / Sec 13)

ELECTRICAL RATINGS :

Model	Input, 50/60 Hz		Output (nominal)		
	V	A	V DC	A DC	Watts
Xitanium 36W 0.7A 52V	220 - 240	0.17	52	0.7	36

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVES USE) :

Section III - Conditions of acceptability

When installed in the end-use equipment, the following are among the considerations to be made :

- 3.1 The equipment shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the ultimate application.
- 3.2 The driver case must be grounded in the end-use application.
- 3.3 The driver is suitable for use in "Damp" and "Dry" locations.
- 3.4 When the drivers are installed in the end-use application, the case temperature should not exceed the temperature limits specified in the following table:

Model	Input Voltage, Hz	Max Case @ TC , °C
Xitanium 36W 0.7A 52V	220 - 240 , 50/60	75

- 3.5 The leakage current test should be repeated in the end device.

Model	Input Voltage, Hz	Leakage Current
Xitanium 36W 0.7A 52V	220 - 240 , 50/60	0.7mA max.