

TECHNICAL LITERATURE

SMARTSTER 240W



PRODUCT	IOT BASED LED SMART STREET LIGHT
MODEL NAME	SMARTSTER
POWER	240W
IP RATING	IP65
FEATURE	Auto Dimmable, Auto Start, Live Monitoring, Power Saving Mode
APPLICATION	High Way, Parking Area, Airport, Walk Way
Warranty	2Yr (Can Be Extended)



ELECTRICAL SPECIFICATION

Rated Wattage	240W
Input Rated Voltage	220V AC
Input Voltage range	90~330V AC
Input Rated Current	1A
Input Frequency Range	50~60Hz
Power Factor (PF)	>0.96
Surge Protection	10KV (Extra SPD)
THD	<10%

DRIVER SPECIFICATION

Manufacturer	Philips
Part No.	XITANIUM 220W 0.7A 0-10V INT-Y - 440V
BIS No.	R-85000434 / R-95000698
Output Mode	Constant Current
Dimming Option	0-10V Dimming
With Stand Voltage	440V for 48hours
Surge Protection	4KV
High Voltage Shutdown	>325V

Driver Protection

I/P Over Voltage Protection, 4KVA Surge Protection, O/P Over Voltage Protection, O/P Short Circuit Protection, O/P Open Voltage Protection, O/P Over Load Protection, Over Temperature Protection

LED SPECIFICATION

LED Make	Osram Duris S8
LED Package	SMD 5050
CRI	>72Ra(>82Ra also available)
CCT	3000K/4000K/6500K
Lumens Efficiency	165lm/W @ 25°C
Rth	1.5 K/W
Beam Angle	120°
Life Span	>50000Hrs

LUMINARY PHOTOMETRIC TEST DATA

Test Standards	LM-79-08
No. of LED	54 Nos
Total Lumens O/P	31200lm
Lumens Efficiency	130lm/W
Tested By	ERDA Tested
IES File	Generated

HOUSING SPECIFICATION

Material	ADC-12
IP Rating	IP65
Size	710(L)X305(W)X250(H)mm
Pipe I.D.	71mm
Casting Weight	5.325Kg

LENSES SPECIFICATION

Material	PMMA
IP Rating	IP66
Beam Angle	150°X75°
Efficiency	90%
Sustainable Temp.	130°

