

NEXTECH CONTROL



TECHNICAL DATA SHEET OF LED STREET LIGHT (BALUK)

PARAMETER	15/20Watt	24/30Watt	36Watt	40-48Watt	60Watt	70/80Watt	90/100Watt	120Watt	150/180Watt	200/250Watt	test/Support Document
BRAND	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	
MODEL	BLK-ST20	BLK-ST30	BLK-ST36	BLK-ST45	BLK-ST60	BLK-ST70	BLK-ST90	BLK-ST120	BLK-ST180	BLK-ST200	IS10322-5-3/2012
LED	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	Nichia Osram, lumileds	IEC 62471/LM80
Led Lumens Output/pWatt	130LM	130LM	130LM	130LM	130LM	130LM	130LM	130LM	130LM	130LM	LM80
total Lumens Output LED	2025/2700LM	3240/3780 Lm	4680 Lm	5850 Lm	7800 Lm	9750/10400 Lm	11700 /12000Lm	15600 Lm	19500/23000 Lm	26000/32000 Lm	LM 80
CCT	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	5700 - 6500 K	LM79 NABL & LM 80 OEM
CRI	75+	75+	75+	75+	75+	75+	75+	75+	75+	75+	LM79 NABL & LM 80
Led Beam Angle	120 Deg	120 Deg	120 Deg	120 Deg	120 Deg	120 Deg	120 Deg	120 Deg	120 Deg	120 Deg	LM79 NABL & LM 80
Life Span	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs	LM79 NABL & LM 80
System Luminous Efficacy	90LM/P watt	90LM/P watt	90LM/P watt	90LM/P watt	90LM/P watt	90LM/P watt	90LM/P watt	90LM/P watt	90LM/P watt	90LM/P watt	LM 79 NABL
Input voltage	220 V	220 V	220 V	220 V	220 V	220 V	220 V	220 V	220 V	220 V	
Operating Voltage Range	80 - 300 Volts	80 - 300 Volts	80 - 300 Volts	80 - 300 Volts	80 - 300 Volts	80 - 300 Volts	80 - 300 Volts	80 - 300 Volts	85 - 300 Volts	85 - 300 Volts	NABL Test Report
Input Wattage Range	20+/- 5%	30+/- 5%	36+/- 5%	48+/- 5%	60+/- 5%	75+/- 5%	100+/- 5%	120+/- 5%	150+/- 5%	200-250/- 5%	LM79 NABL
Frequency	50-60 HZ	50-60 HZ	50-60 HZ	50-60 HZ	50-60 HZ	50-60 HZ	50-60 HZ	50-60 HZ	50-60 HZ	50-60 HZ	
Power Factor	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	IS16104 NABL
THD	Less than 10%	Less than 10%	Less than 10%	Less than 10%	Less than 10%	Less than 10%	Less than 10%	Less than 10%	Less than 10%	Less than 10%	IES 61000-3-2 NABL
Driver Efficiency (Min.)	85% +	85% +	85% +	85% +	85% +	85% +	85% +	85% +	85% +	85% +	
Electric Surge	+5KV	+5KV	+5KV	+5KV	+5KV	+5KV	+5KV	+10KV	+10KV	+10KV	IES 61000-3-3 NABL
Electrical Protection	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	S. Ckt, Surge ESD	
Housing/ Body	Aluminium LM6	Aluminium LM6	Aluminium LM6	Aluminium LM6	Aluminium LM6	Aluminium LM6	Aluminium LM6	Aluminium LM6	Aluminium LM6	Aluminium LM6	Catalogue
Casting	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Pressure Die Cast	Catalogue
Reflector	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Catalogue
Ingress protection Level (IP)	IP65	IP65	IP65	IP65	IP65	IP66	IP66	IP66	IP66	IP66	NABL Test Report
Impact Resistance (IK)	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IES 60598-NABL Test
Mounting System ST Light	Round 40mm DIA	Round 40mm DIA	Round 40mm DIA	Round 40mm DIA	Round 60mm DIA	Round 60mm DIA	Round 60mm DIA	Round 60mm DIA	Round 60mm DIA	Round 60mm DIA	

1) IESNA LM79 Approved (NABL)

2) LM 80 Test report of LED By L E D M f g .

3) LM79 test Report From NABL Lab of higher wattage

4) Operating voltage range 80 Volt to 300 Volt NABL Lab

5) THD NABL test report as per IES 61000-3-2

6) P.F NABL test report as Per IS 16104

7) (IP 65) for 20 watt - 60 watt and (IP66) 70 watt - 150 watt NABL lab.

8) IEC62471 Report of LED

9) IK7(Impect Resistance) as per IES 60598 (NABL)

10) Driver Efficiency test NABL ERDA Lab

11) IS 10322-5-3-2012 (LED) NABL (Endurance test,thermal test ,prot.against electric shock,Insulation resistance,resistance to heat &Fire,resistance to moisture)

"BALUK" is the registered Trademark of NEXTECH CONTROL

ISO 9001-2008 CO.



NEXTECH CONTROL

Works-F90/23 Okhla Indl Area PH-1, New Delhi 110020

Mobile - 7982525316, 9811960035

mail: baluksolar@gmail.com

www.baluksolar.com