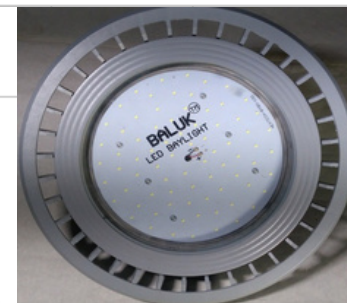


# NEXTECH CONTROL



## TECHNICAL DATA SHEET OF BAY LIGHT (BALUK)

PARAMETER	15/20Watt	24/30Watt	36Watt	48Watt	60Watt	75/80Watt	90/100Watt	120Watt	150/180Watt	200/250Watt	250/300Watt	Support Document
BRAND	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	BALUK	
MODEL	BLK-BY20	BLK-BY30	BLK-BY36	BLK-BY50	BLK-BY60	BLK-BY75	BLK-BY100	BLK-BY120	BLK-BY150	BLK-BY250	BLK-BY300	IS10322-5-5/2012
LED	Nichia	Nichia	Nichia	Nichia	Nichia	Nichia	Nichia	Nichia	Nichia	Nichia	Nichia	IEC 62471/LM80
LUMEN OUTPUT	Osram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled	Ossram, lumiled
TOTAL LUMEN	130LM	130LM	130LM	130LM	130LM	130LM	130LM	130LM	130LM	130LM	130LM	LM80
Output led	2025-2700LM	3240-3780LM	4680 Lm	5850 Lm	7800 Lm	9750/10400 Lm	11700 /12000Lm	15600 Lm	19500/23400 Lm	26000/32500 Lm	32500/39000 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	5700 - 6500 K	LM79 NABL & LM80 OEM
CRI	75+	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	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	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	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	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	80 - 300 Volts	80 - 300 Volts	80 - 300 Volts	NABL Test Report
Input Wattage Range	20+/- 5%	30+/- 5%	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	LM79 NABL
Frequency	50-60 HZ	50-60 HZ	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	0.98 +	
Power Factor	0.98 +	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%	Less than 10%	IES 61000-3-2 NABL
Driver Efficiency (Min.)	85% +	85% +	85% +	85% +	85% +	85% +	85% +	85% +	85% +	85% +	85% +	
Electric Surge	+5KV	+5KV	+5KV	+5KV	+5KV	+5KV	+10KV	+10KV	+10KV	+10KV	+10KV	IES 61000-3-3 NABL
Electrical Protection	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Ckt, Surge ES	Catalogue
Housing/ Body	Aluminium LM6	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	Pressure Die Cast	Catalogue
Reflector	PC	PC	PC	PC	PC	PC	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	Tuffened Glass	NABL Test Report
Ingress protection Level (IP)	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IES 60598-NABL Test
Impact Resistance (IK)	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07	
Mounting System ST Light	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	Clamp with I Bolt	

1) IESNA LM79 Approved (N AFBOLR) COB TYPE USE PREFIX "C" in MODEL Example BLK-BY100C

