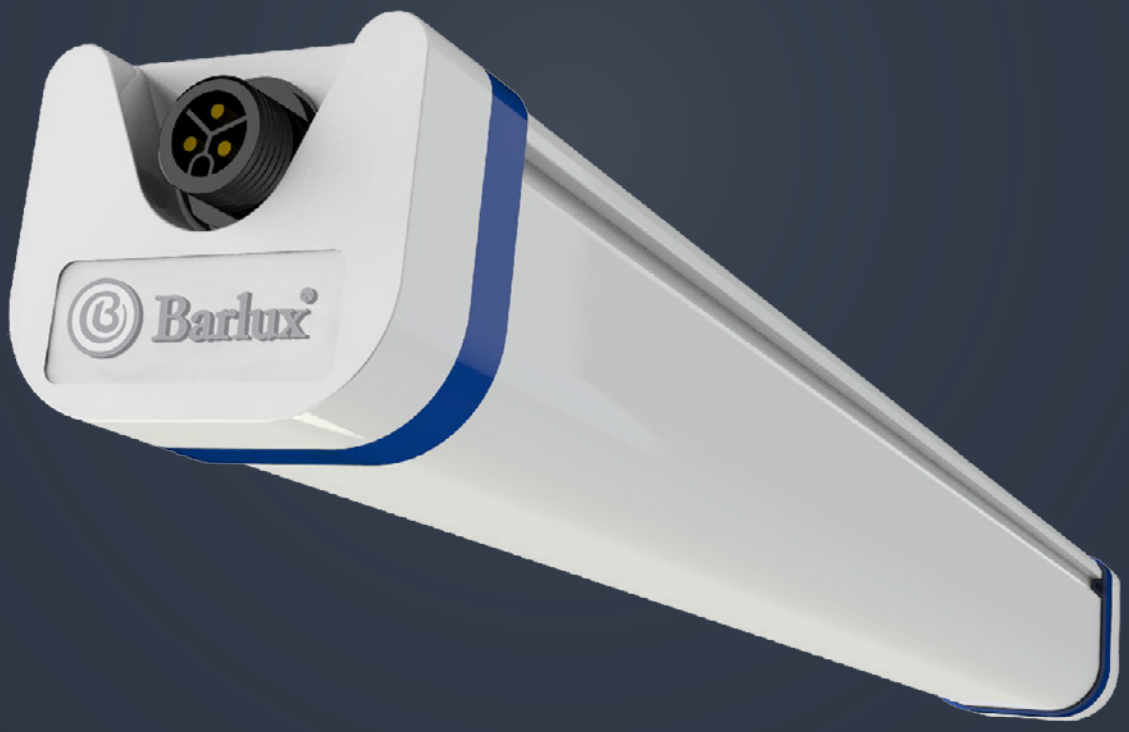
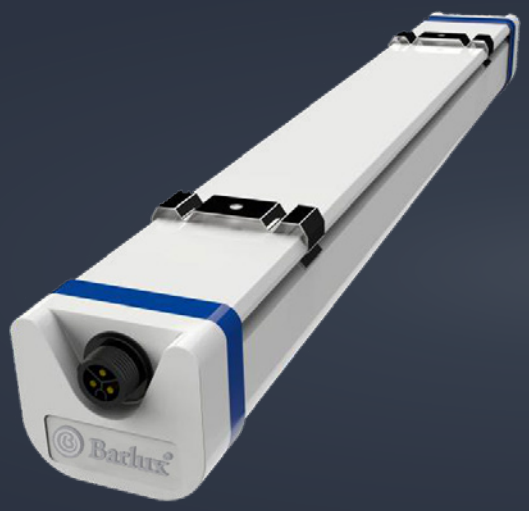
Barlux®

Stromboli NANO EX



ISO 9001:2015 ISO 14001:2015 c UL us LISTED DLC FC TÜVRheinland CE RoHS compliant SAA LM 79 LM 80 TM 21



IP65 waterproof
IK 08

Linkable

Every light has two easy fixing connectors on both sides. Customer can fix the cable into the connectors very fast and easily.

Barlux®

TÜVRheinland CE RoHS compliant LM 79 LM 80 TM 21

Features

Plastic housing with Aluminum inside
High thermal conductivity
With Bridgelux led, initial efficiency 160lm/w
Philips Driver, Efficiency>95%, 3 years warranty
Low lumen decay, L70=50,000hours
Long lifetime 50,000hours
Impact test IK08
Waterproof IP65
Energy saving up to 90%
Electrical: 200~240V, 50-60Hz
CRI>80 (Ra90 for option)
Surge protection: 2KV

+90% Efficient | INSTANT FULL LIGHT | 100% WARRANTY | -25~+60 | AC200~240V | IP65 | IK08 | 2KV Surge Protection | 50,000H

Application

Warehouse / Factory / Parking
Exhibition Hall / Corridor / Gallery / Supermarket

130lm/w | Philips Driver | Bridgelux LED

Specification

Model	Watt (W)	Voltage (V)	Lumen (lm)	CRI	Power factor	Beam Angle	IP	LED	Driver	A*B*C (mm)
LEDNEX-60-20W	20W	200~240V	2600	>70	>0.95	160°	IP65	Bridgelux	Philips	588*70*60
LEDNEX-120-40W	40W	200~240V	5200	>70	>0.95	160°	IP65	Bridgelux	Philips	1150*70*60
LEDNEX-150-60W	60W	200~240V	7800	>70	>0.95	160°	IP65	Bridgelux	Philips	1431*70*60

Remarks:
CCT: 3000K/4500K/5000K/6000K for option
CRI: Ra80/Ra90 for option
DIM: Dali/ 0(1)-10V/ PMW/Triac for option
Cover: Milky
Sensor: with Micro-wave sensor for option

Dimming

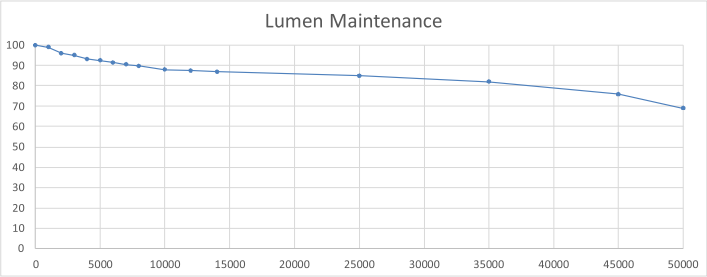
ZigBee | PWM | DALI | 0/1---10V | Micro-Wave Sensor

TM21

Table 1: Report at each LM-80 Test Condition

Test Condition 1 - 55ºC Case Temp		Test Condition 2 - 85ºC Case Temp		Test Condition 3 - 105ºC Case Temp	
Sample size	25	Sample size	25	Sample size	25
Number of failures	0	Number of failures	0	Number of failures	0
DUT drive current used in the test (mA)	350	DUT drive current used in the test (mA)	350	DUT drive current used in the test (mA)	350
Test duration (hours)	6,000	Test duration (hours)	6,000	Test duration (hours)	6,000
Test duration used for projection (hour to hour)	1,000 - 6,000	Test duration used for projection (hour to hour)	1,000 - 6,000	Test duration used for projection (hour to hour)	1,000 - 6,000
Tested case temperature (ºC)	55	Tested case temperature (ºC)	85	Tested case temperature (ºC)	105
α	8.652E-06	α	6.692E-06	α	8.550E-06
B	1.031	B	1.036	B	1.029
Calculated L70(6k) (hours)	45,000	Calculated L70(6k) (hours)	59,000	Calculated L70(6k) (hours)	45,000
Reported L70(6k) (hours)	>36000	Reported L70(6k) (hours)	>36000	Reported L70(6k) (hours)	>36000

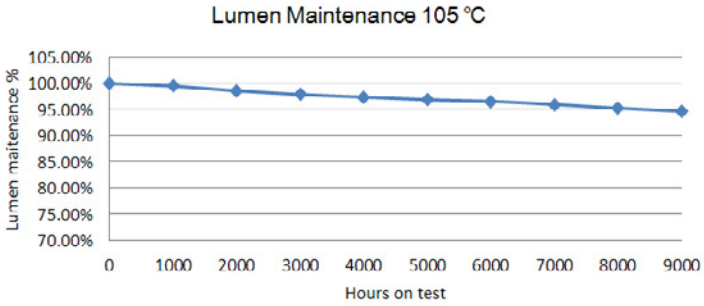
L70



Bridgelux LED

The Bridgelux SMD 2835 mid power LED is hot-color targeted which ensures that the LEDs fall within their specified color bin at the typical application conditions of 85˚C. With its broad lumen coverage and wide range of CCT options, the SMD 2835 provides unparalleled design-in flexibility for indoor and outdoor lighting applications. The SMD 2835 is ideal as a drop in replacement for emitters with an industry standard 2.8mm x 3.5mm footprint.

Part Number[4,5]	Nominal CCT[2] (K)	CRI[3,5]	Nominal Drive Current (mA)	Forward Voltage[4,5] (V)			Typical Pulsed Flux (lm)[4,5]	Typical Power (W)	Typical Efficacy (lm/W)
				Min	Typical	Max			
BXEN-27E-11M-3A-00-0-0	2700	80	150	2.8	3.1	3.4	57	0.5	123
BXEN-30E-11M-3A-00-0-0	3000	80	150	2.8	3.1	3.4	60	0.5	129
BXEN-35E-11M-3A-00-0-0	3500	80	150	2.8	3.1	3.4	60	0.5	129
BXEN-40E-11M-3A-00-0-0	4000	80	150	2.8	3.1	3.4	64	0.5	138
BXEN-50E-11M-3A-00-0-0	5000	80	150	2.8	3.1	3.4	64	0.5	138
BXEN-57E-11M-3A-00-0-0	5700	80	150	2.8	3.1	3.4	64	0.5	138
BXEN-65E-11M-3A-00-0-0	6500	80	150	2.8	3.1	3.4	63	0.5	135



Driver

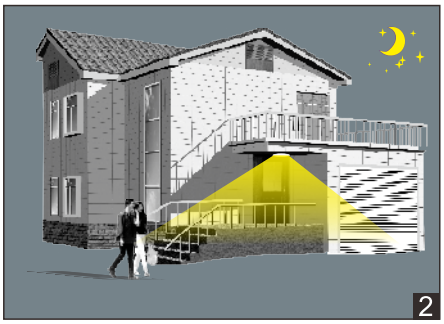
PHILIPS

Fixed current/voltage LED drivers for high volume LED propositions

The CertaDrive LED drivers are designed to fulfill the market need for essential lighting. The CertaDrive LED drivers offer basic specifications such as specific current and voltage settings, optimal to operate CertaFlux LED modules. Life time of the driver is set at 50,000 hours. Philips will extend the portfolio of CertaDrive LED drivers to match high volume CertaFlux LED line propositions as well as high volume opportunities of other LED board manufactures.

Micro-wave Sensor

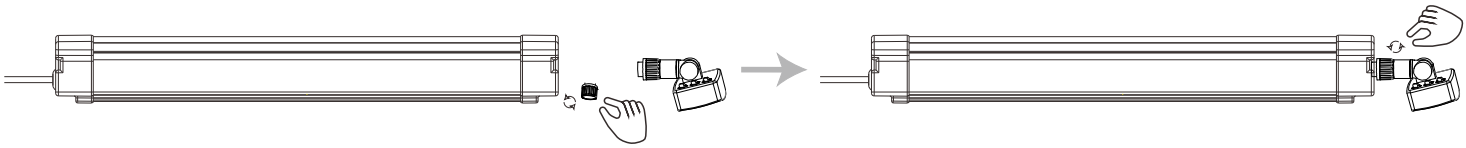
With sufficient light, the lamp doesn't switch on.



With insufficient ambient light, the sensor switches on the lamp when motion is detected.

After hold time, the sensor switches off the lamp when no motion is detected.

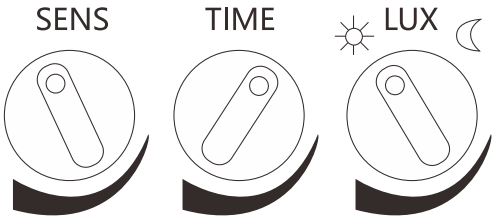
Plug-In

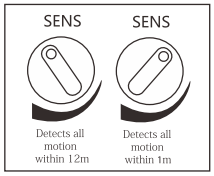


Standard Tri-proof Light

Micro-wave Sensor Tri-proof Light

Setting

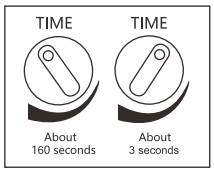




SENS Adjustmemt

SENS Knob controls the sensitivity, the detection area

Turn the sensor SENS knob counter-clockwise to decrease the sensitivity to lowest leve=within 1meter, and to the highest leve=within 12meters

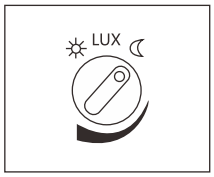


TIME Adjustmemt

LUX knob determines how long the floodlight will stay on after the last motion has been detected

Turn the sensor TIME knob counter-clockwise to decrease the time to 10 sec.

Turn the sensor TIME knob counter-clockwise to increase the time to 7 min.

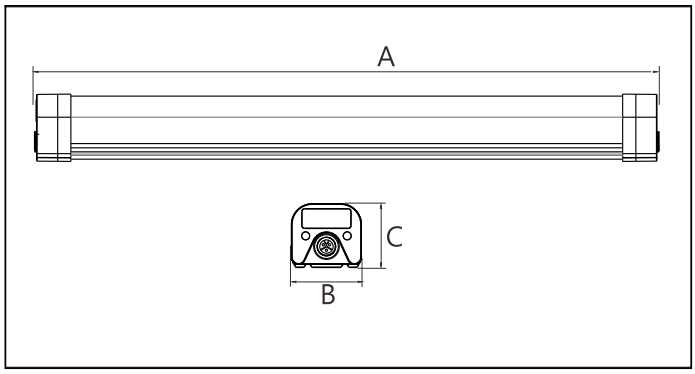


LUX Adjustmemt

LUX knob determines at what light level the floodlight will start working. It is acutally controlled by built-in light sensor

Turn the sensor LUX knob counter-clockwise to the moon(dusk) setting. In this provisional setting model, the sensor remmains inavtive during daylight. At dusk when you find it is the desired night level to start work, then simply set it to the position it needs to become operative as daylight declines

Packing



Model	A*B*C (mm)	Inner Carton(mm)			QTY / INNER CTN	Outer Carton(mm)			QTY / Outer CTN	NW/CTN	GW/CTN
LEDNEX-60-20W	588*70*60	650	80	70	1	665	260	155	6	6.5	7.5
LEDNEX-120-40W	1150*70*60	1250	80	70	1	1265	260	155	6	11.5	12.5
LEDNEX-150-60W	1431*70*60	1550	80	70	1	1565	260	155	6	15.5	16.5