

# PULLUX 41

## Recessed Downlight

Pollux 41 LED down light incorporates a high lumen SMD LED, fire-rated PC diffuser with even light output. Aluminum coated plastic housing provides good heat dissipation.

Adopting an advanced PIR sensor and PWM optic control module to create a comfortable lighting effect.



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Product Specification

# POLLUX 41

## Recessed Downlight

### Product APPLICATIONS

Suitable for:  
Ablutions  
Store rooms  
Commercial spaces  
Schools

### Product FEATURES

Compact design, with built-in driver.  
IP54 front waterproof, IP40 for other parts.  
PIR sensor function.  
Fade-in and fade-out sensor light effect.

#### Technical Data

Model No.			IDC115N/08XX041	IDC115N/08CC041	IDC115N/10XX041	IDC115N/10CC041
Watt(W)			8W	8W	10W	10W
Dimension(mm)			Ø115*70	Ø115*73	Ø115*70	Ø115*73
Cut Out (mm)			Ø90-95m	Ø90-95m	Ø90-95m	Ø90-95m
Rated Input Voltage(V)			AC230V			
Input Voltage(V)			AC200-240V			
LED			SMD			
SDCM			<6			
CCT(K)			1-CCT:2700K/3000K/4000K/5000K			
Luminous Flux (lm) ±5%	1-CC	Non-DIM	630~690		750~830	
		DIM	-		-	
	3-CC	Non-DIM	630~730		760~880	
		DIM	-		-	
CRI			>80			
Beam Angle (°)			90°			
UGR			<19			
LED Driver			Built-out			
DIM			Non Dimmable			
Protection Class			Class II			
IP Rating			IP40			
IK Rating			-			
Finishing colour			White RAL 9016			
Material			Aluminium coated plastic			
Lifetime (hr)			40 000			
Glow wire test (°C)			850°C			
Operating Temp.(°C)			-20~45°C			
Storage Temp.(°C)			-20~65°C			
Installation			Recessed			
Brand Driver option			-			

## Driver Datasheet

Non Dimmable		
Power	8W	10W
Rated Input Voltage(V)	AC230V	
Frequency (Hz)	50/60Hz	
Input Voltage(V)	AC200-240V	
Efficiency	82%	84%
Total Load Wattage (W)	8W±0,5W	10W±0,5W
Power Factor	0,9	
Rated Input Current (A)	≤0.05A	≤0.06A
Full Load Output Voltage (V)	DC65-75V	DC65-75V
Rated Output Current (mA)	90mA	120mA
Output Current Range (mA)	90mA±5%	120mA±5%
Power Tolerance	±5%	
Current output tolerance	±5%	
Short Circuit Protection	PASS	
Overvoltage Protection	PASS	
Over temperature protection	PASS	
THD (V)	-	
Surge (V)	L-N 500V	L-N 500V
Withstand Voltage	-	
Sensor		
Input Voltage(V)	4.0V-22V DC	
Standby current	≤1mA	
Induction distance	>5.0M / 25°(front)	
Induction angle	<120°	
Delay time	30S ±5S	
CDS ON/OFF LUX	8-20 LUX	
Output	PWM	
Working Temp	-10°C~ 45°C	
Storage Temp	-20°C~ 65°C	

## Product INSTALLATION

### WARNING

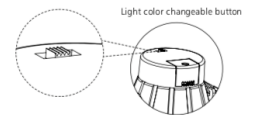
1. Switch off before installation / maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

### Installation

For the product with Slide Switch of Color Selection, please select the light color (CW/NW/WW) before installation.



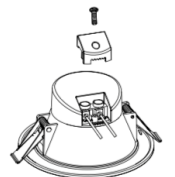
#### Step 1

Ceiling Opening



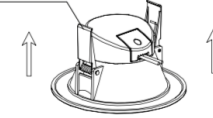
#### Step 2

Loosen the screw and take off the cover, connect the wire to the wiring terminal, put the cover back and tighten the screw.



#### Step 3

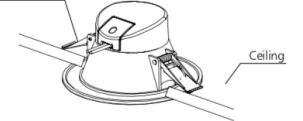
A. Hold back spring clips



B. Push downlight into position

#### Step 4

Spring Clips



Ceiling