**PHILIPS** Lighting



# Capacitors for HID lamp circuits

# CP 12BO28

Compensating capacitors are AC capacitors designed for individual correction of the power factor of transformers and magnetic ballasts in discharge lamps (e.g. fluorescent lamps, halogen and metal halide lamps, high-pressure mercury lamps, sodium lamps) in mains with a frequency of 50 or 60Hz. This allows for an improvement of the luminary's power factor to  $cos\mu>0.85$ 

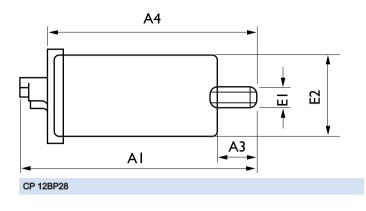
### **Product data**

General Information			
Design	Parallel		
Capacitor Value	12		
Operating and Electrical			
Input Voltage	250 V		
Input Frequency	50 to 60 Hz		
Capacity Tolerance (Max)	10 %		
Capacity Tolerance (Min)	-10 %		
Wiring			
Connector Type Output Termin	nals push in connector or insulated wires or flat quick-connector		
Temperature			
T-Ambient (Max)	85 °C		
T-Ambient (Min)	-40 °C		
Mechanical and Housing			
Housing	M8x10		

Approval and Application		
Approval Marks	Conform GB18489-2001 Conform GB/T18504-2001 CE	
	marking VDE certificate China Quality Certificate CB	
	Certificate	
Product Data		
Full product code	694818229911600	
Order product name	CP 12BO28	
EAN/UPC - Product	6948182295125	
Order code	913710011991	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	200	
Material Nr. (12NC)	913710011991	
Net Weight (Piece)	0.056 kg	

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## **Dimensional drawing**



Product	E2	A1	A4
CP 12BO28	29.0 mm	95.0 mm	83.0 mm



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