

AD22 Indicator Lamp Series

www.xindali.com



AD22
Series

Brief Introduction

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AD22(LED) series of indicator is equally used LED shining chip as light source. Because of long life, low consumption, small volume and light weight, it is a product replaced the older kind of incandescent lamp and indicator of neon lamp by new ones. AD22 indicators are produced by our factory enjoying following characters: high brightness, good reliability, beautiful shape and careful manufactured. Products are well praised by lots of clients. In order to fit in with top quality and aesthetic demand of user, we develop AD22-22B, C, D, E, G, H, double-color lamp, position indicator, shining buzzer and mini short indicator, as well as design shape of AD22-22G/22GS series button and it is possible to meet all kinds of international standard Lampshade, which is made of polycarbonate with high intension and enjoying better anti-surge performance, and bolt-type connector designed will make it safer and more convenient. All improvement will be provided to make your choice more convenient and your design perfect.

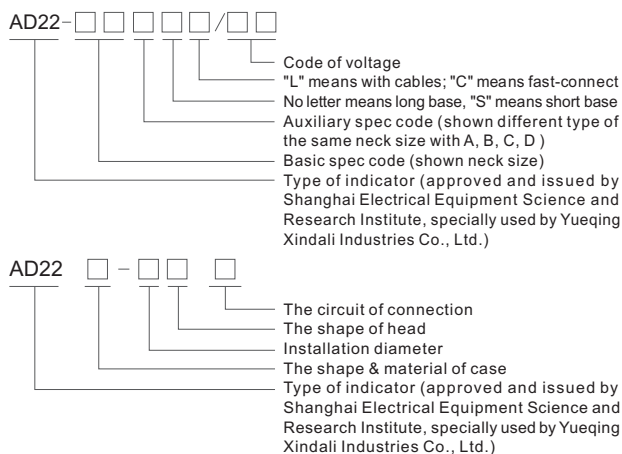
Use

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AD22 series of indicators are used as indicating, foretelling, accident and other signals in the lines of equipment (such as electrical power, telecommunication, machine tool, watercraft, textile, printing and mine machinery, etc).

Type and meaning

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Applicable environment

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- (1) Surrounding temperature: $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$.
- (2) Relative humidity: $\leq 98\%$.
- (3) It can normally work under the conditions of 2-80Hz vibration frequency and 0.7g/h accelerated speed.
- (4) Pollution grade: III; Installed sort: III.
- (5) It is possible to work under the moist tropical environment if there is a "TH" sign.

Main technical target

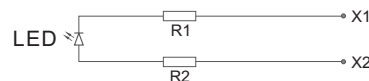
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- (1) Voltage of working frequency: 2.5kV (AC valid value), 1min.
- (2) Insulated resistance $\geq 2\text{M}\Omega$
- (3) Voltage wave allowed by AC indicator $\pm 20\%$
- (4) Continual working life $\geq 30000\text{h}$
- (5) Brightness $\geq 60\text{cd/m}^2$
- (6) Index of leakage CT1 ≥ 100
- (7) Protection grade is IP40, and it is possible to be made to up to IP67
- (8) Using frequency: AC50 ~ 60 Hz

Circuit Introduction

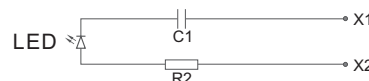
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- (1) AC and DC indicator (AC/DC6V ~ 220V)

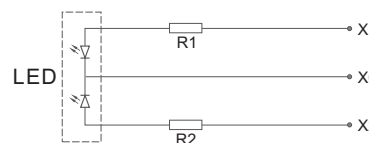


Note: It should be considered radiating condition When DC is up to 110V, 220V and 380V, for there is a great of heat.

- (2) AC indicator (AC 220V, AC380V)



- (3) Return of double-color indicator (DC, AC110 ~ 220V)



Note: When put through X0 and X1, lamp is shining green, when done X0 and X2, lamp is shining red.

Contrast list of voltage, current

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Supply Voltage	AC.DC							DC	FD			AC	
Voltage	6V	12V	24V	36V	48V	110V	127V	220V	380V	500V		220V	380V
Current	140	72	18~72	18	18	16	16	12	12	12		16	17

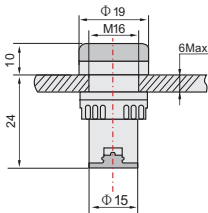
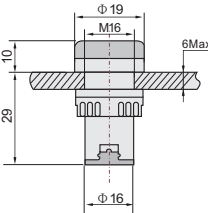
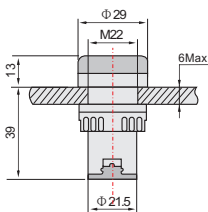
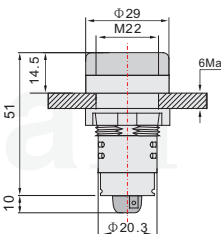
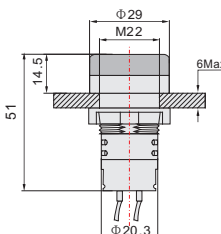
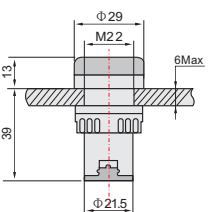
Note: "FD" in the list means a discharging lamp can be installed on the cupboard of capacitor. PG denotes pure green, PB denotes pure blue, PW denotes pure white



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Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC 127V AC 220V AC	Red Green/PG Yellow Pure Blue White/PW	AD22-16DS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD22-16D	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Yellow Green Pure Green Pure Blue Pure White	AD22-22DS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD22-22DSC	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Yellow Green Pure Green Pure Blue Pure White	AD22-22DSL	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD22-22DSN	

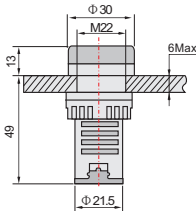
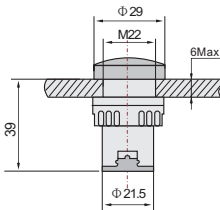
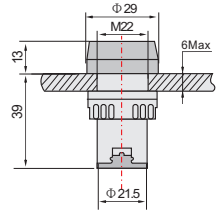
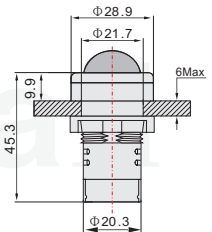
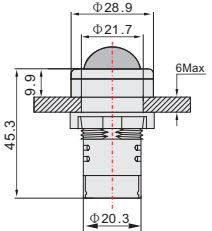
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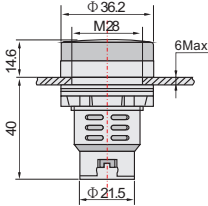
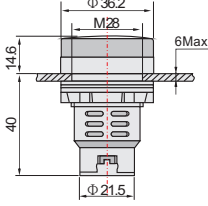
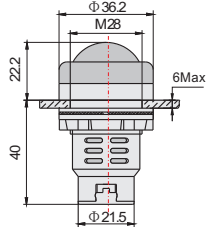
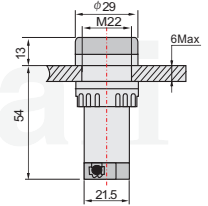
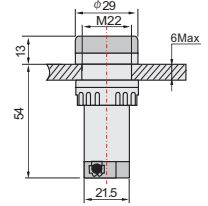
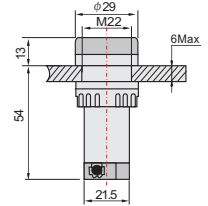
Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD22-22D	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD22-22CS AD22-22CSL AD22-22CSC	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Green/PG Yellow Pure Blue White/PW	AD22-22BS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Yellow Green Pure Green Pure Blue Pure White	AD22-22AS	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Yellow Green Pure Green Pure Blue Pure White	AD22-22ASL AD22-22ASC	
	Indicator wrench Φ16				
	Indicator wrench Φ22				



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Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	 Red  Green/PG  Yellow  Pure Blue  White/PW	AD22-30DS AD22-30DSL AD22-30DSC	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	 Red  Green/PG  Yellow  Pure Blue  White/PW	AD22-30CS AD22-30CSL AD22-30CSC	
	Protected LED Indicator	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC 380V AC	 Red  Green/PG  Yellow  Pure Blue  White/PW	AD22-30AS AD22-30ASL AD22-30ASC	
	Protected LED Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	 Red&Green  Red&Pure Blue	AD22-22DRG AD22-22DRB	
	Protected LED Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC		AD22-22DRS	
	Protected LED Indicator	110V AC/DC 127V AC/DC 220V AC/DC 380V AC	 	AD22-22DRY AD22-22DRE	

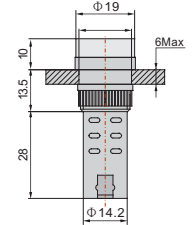
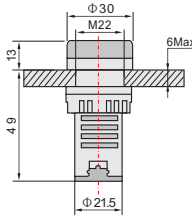
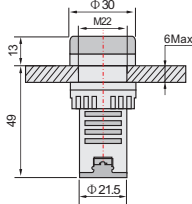
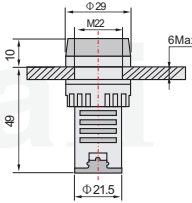
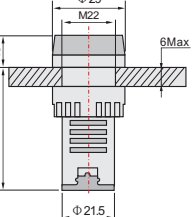
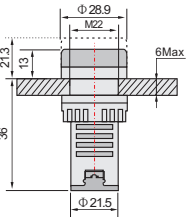
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Indicator	Description	Voltage	Color	Type	Contour
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Black	AD22-16MSD AD22-16MFB	
	Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Black	AD22-22MFD	
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red	AD22-22MSD	
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red	AD22-22MSB	
	Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Black	AD22-22MFB	
	Protected LED Indicator Buzzer	24V AC/DC 36V AC/DC 48V AC/DC 110V AC/DC 127V AC/DC 220V AC/DC	Red Black Red Black	AD22-22MSN AD22-22MFN AD22-22MSN/H AD22-22MFN/H	



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Indicator	Description	Voltage	Color	Type	Contour
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AD22-30MFD

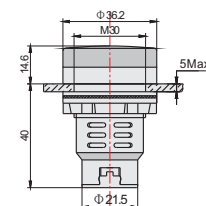
Buzzer

24V AC/DC
36V AC/DC
48V AC/DC
110V AC/DC
127V AC/DC
220V AC/DC
380V AC



Black

AD22-30MFD



AD22-30MSD

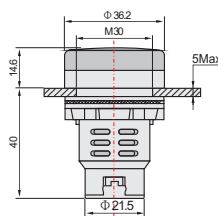
Protected
LED
Indicator
Buzzer

24V AC/DC
36V AC/DC
48V AC/DC
110V AC/DC
127V AC/DC
220V AC/DC
380V AC



Red

AD22-30MSD



AD22-CA25

Incandescent
lamp



110~130V AC
220~240V AC
380V AC



Red



Green



Yellow

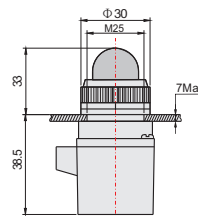


Blue



White

AD22-CA25
(AD22-PR25)
AD22-CA30
(AD22-PR30)

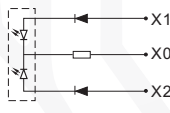


AD22C-10TE



AD22C-10TE/L

LED



6V~220V AC/DC



Red&Green



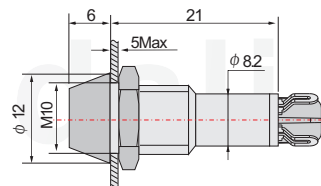
Yellow&Green



Red&Pure Blue



Yellow&Pure Blue

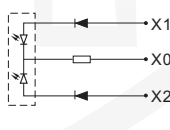


AD22C-12TE



AD22C-12TE/L

LED



6V~220V AC/DC



Red&Green



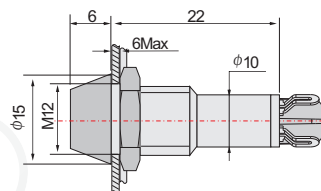
Yellow&Green



Red&Pure Blue



Yellow&Pure Blue

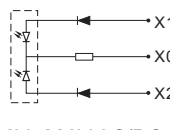


AD22C-14TE
AD22C-16TE



AD22C-14TE/L
AD22C-16TE/L

LED



6V~220V AC/DC



Red&Green



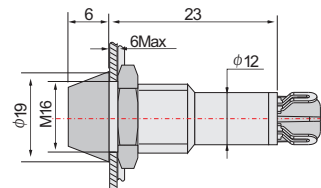
Yellow&Green



Red&Pure Blue



Yellow&Pure Blue



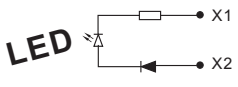
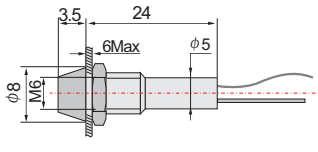
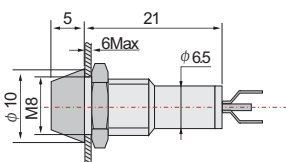
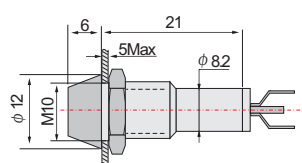
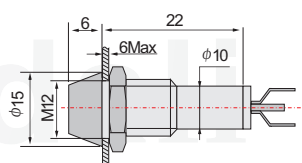
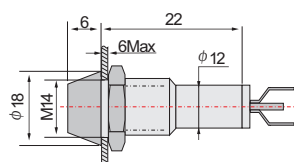
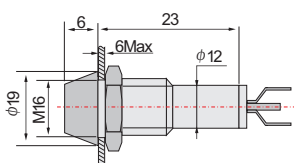
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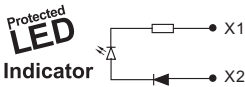
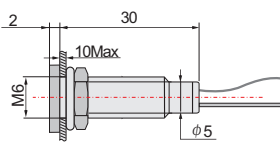
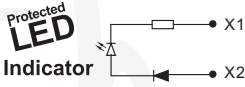
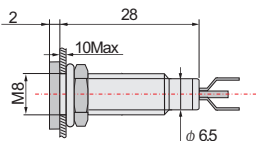
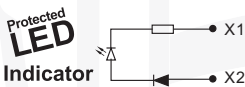
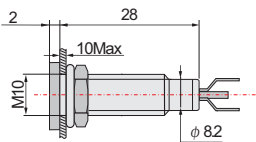
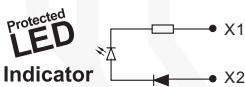
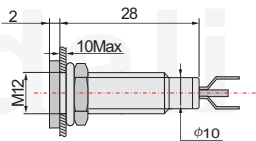
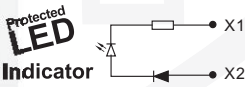
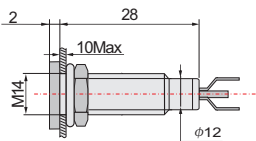
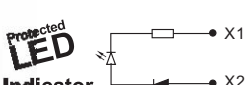
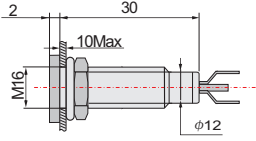
Indicator	Description	Voltage	Color	Contour
 AD22C-6T		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
 AD22C-8T	 AD22C-8T/L	AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
 AD22C-10T	 AD22C-10T/L	AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
 AD22C-12T	 AD22C-12T/L	AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
 AD22C-14T	 AD22C-14T/L	AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
 AD22C-16T	 AD22C-16T/L	AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	



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		AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW		
			AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
			AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
			AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
			AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	
			AC/DC 6V 12V 24V 36V 48V 110V 127V 220V	 Red  Pure Green  Yellow  Pure Blue  White/PW	

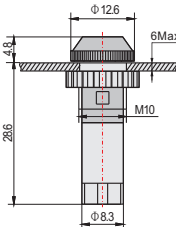
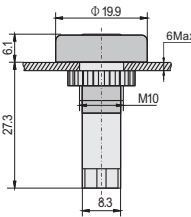
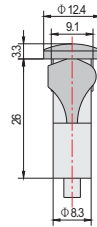
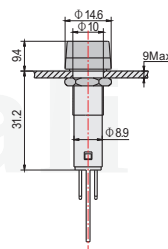
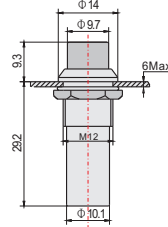
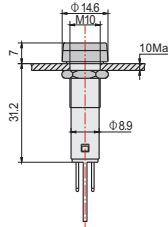
AD22

Indicator Lamp Series

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AD22 Series

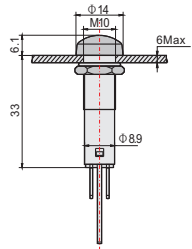
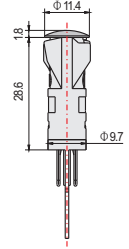
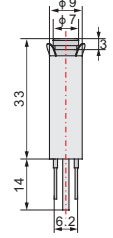
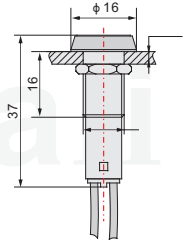
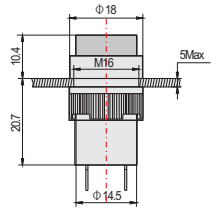
Indicator	Description	Voltage	Color	Type	Contour
	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-005	
	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-006	
	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-009	
	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-012	
	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-013	
	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-015	



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Indicator	Description	Voltage	Color	Type	Contour
 AD22E-016	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-016	
 AD22E-017	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-017	
 AD22E-018	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-018	
 AD22E-019L	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-019L	
 AD22E-16DS	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-8DS AD22E-10DS AD22E-12DS AD22E-16DS	
 AD22E-16FS	Neon 	220~240V AC	- Red - Green - Yellow - Pure Blue - White	AD22E-16FS	