



**weld**  
ILLUMINAZIONE LED

**5 ANNI DI  
GARANZIA**

**Made in ITALY**



VITA UTILE  
**60.000 h**



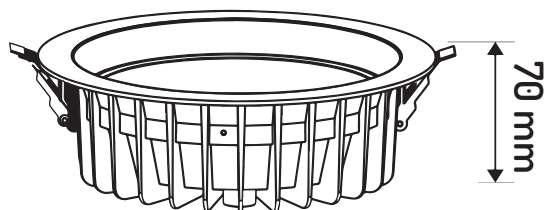
**IP40**

**IK07**

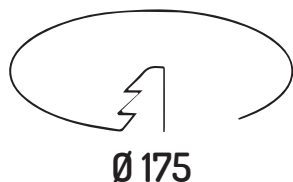
## ANTARES A190



190 mm



70 mm



Ø 175

**Peso: 1.8 Kg**

### Caratteristiche Elettriche

|                           |                                   |
|---------------------------|-----------------------------------|
| Tensione:                 | 85 - 277 V                        |
| Frequenza:                | 50 - 60 Hz                        |
| Potenza:                  | Da 9 W a 30 W                     |
| Corrente LED:             | Da 250 a 800 mA                   |
| Fattore di potenza:       | ≥ 0.90                            |
| Classe di isolamento:     | Classe II (Classe I su richiesta) |
| Temperatura di esercizio: | -20 / +50 °C                      |

### Specifiche chip LED

|              |                                              |
|--------------|----------------------------------------------|
| Tipo LED:    | COB ad alte prestazioni                      |
| Colore luce: | 3.000K - 4.000K - 6.000K                     |
| Vita utile:  | > 60.000 h corrente modulo LED 600mA (Ta25°) |

### Caratteristiche emissione

|                       |            |
|-----------------------|------------|
| Flusso luminoso Max:  | 177 Lm/W   |
| Angolo di diffusione: | 60° / 100° |
| Resa cromatica:       | CRI ≥ 80   |

### Protezioni

|                              |      |
|------------------------------|------|
| Grado di protezione lampada: | IP40 |
| Grado di protezione driver:  | IP40 |
| Protezione agli urti:        | IK07 |

### Caratteristiche meccaniche

|                          |                                       |
|--------------------------|---------------------------------------|
| Materiale corpo lampada: | Alluminio/PC                          |
| Materiale ottiche:       | Ottica in PMMA                        |
| Tipo diffusore:          | PMMA ultra-chiaro anti invecchiamento |
| Colore:                  | Bianco                                |

### Controllo del flusso (su richiesta)

|                              |                                        |
|------------------------------|----------------------------------------|
| Interfaccia di dimmerazione: | 0-10 / DALI / NFC                      |
| Sistema Smart-Lighting:      | Controllo punto-punto DALI - Bluetooth |
| Classe energetica:           | A++ / C.A.M. Respected                 |

### Conformità e certificazioni componentistica

EN 60598-1:2008/A11:2009:Luminaires - General requirements and tests. EN 60598-2-5:1998:Luminaires - Particular requirements. EN 62471:Photo biological safety of lamps and lamp systems. EN 62493:2010:Assessment of lighting equipment related to human exposure to electromagnetic fields. EN 55015:2006/A1:2007/A2:2009:Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment. Equipment for general lighting purposes - EMC requirements. EN 61547:2009: Limits for Harmonic emissions (<16A per phase). EN 61000-3-2:2006/A1:2009/A2:2009/EN 61000-3-3:2008: Limits. (Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection)



VITA UTILE  
**60.000 h**



**IP40**

**IK07**



Cutoff

Optical  
FlexibilityLow  
Glare

A++

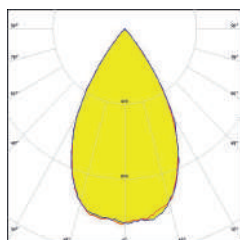
Photobiological  
Safety  
Exempt group
**DATI NOMINALI SORGENTE LED 4000K [ta = 25°C; tj=85°C]**

| Codice Prodotto     | Numero LED       | Potenza | mA  | Flusso Luminoso | Efficienza [lm/w] |
|---------------------|------------------|---------|-----|-----------------|-------------------|
| <b>ANTARES A190</b> | 1 Modulo LED COB | 8       | 250 | 1.409           | 177               |
|                     | 1 Modulo LED COB | 11      | 350 | 1.892           | 172               |
|                     | 1 Modulo LED COB | 15      | 450 | 2.535           | 169               |
|                     | 1 Modulo LED COB | 17      | 500 | 2.839           | 167               |
|                     | 1 Modulo LED COB | 20      | 600 | 3.260           | 163               |
|                     | 1 Modulo LED COB | 22      | 650 | 3.542           | 161               |
|                     | 1 Modulo LED COB | 24      | 700 | 3.840           | 160               |
|                     | 1 Modulo LED COB | 27      | 800 | 4.239           | 157               |

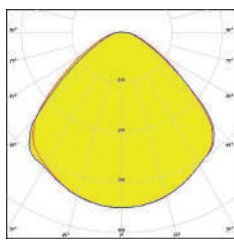
**DATI APPARECCHIO LED 4000K [ta = 25°C; tj=85°C]**

| Codice Prodotto     | Numero LED       | Potenza | mA  | Flusso Luminoso | Efficienza [lm/w] |
|---------------------|------------------|---------|-----|-----------------|-------------------|
| <b>ANTARES A190</b> | 1 Modulo LED COB | 9       | 250 | 1.395           | 155               |
|                     | 1 Modulo LED COB | 12      | 350 | 1.848           | 154               |
|                     | 1 Modulo LED COB | 16      | 450 | 2.448           | 153               |
|                     | 1 Modulo LED COB | 19      | 500 | 2.812           | 148               |
|                     | 1 Modulo LED COB | 22      | 600 | 3.190           | 145               |
|                     | 1 Modulo LED COB | 24      | 650 | 3.408           | 142               |
|                     | 1 Modulo LED COB | 27      | 700 | 3.780           | 140               |
|                     | 1 Modulo LED COB | 30      | 800 | 4.140           | 138               |

## FOTOMETRIE

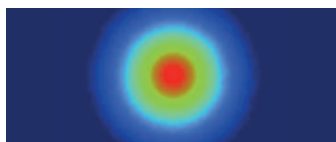


60°

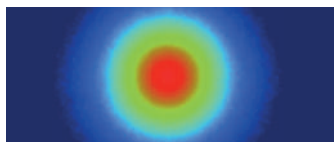


100°

## ANGOLO DIFFUSIONE LUCE



60°



100°