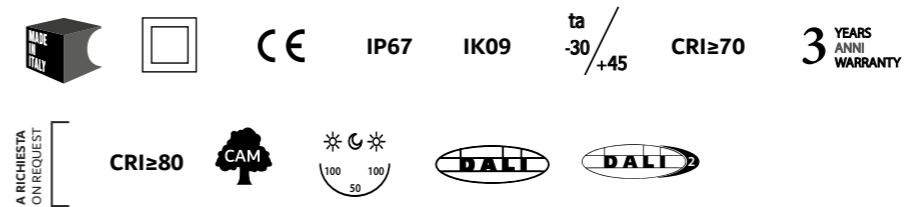
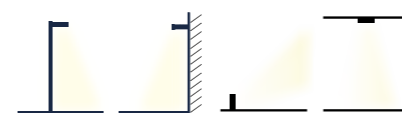




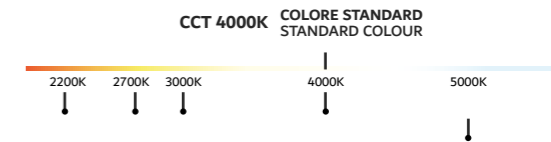
SIMBOLOGIA / SYMBOLS pag. 4-5



OPZIONI DI INSTALLAZIONE / INSTALLATION OPTIONS



TEMPERATURA COLORE / COLOUR TEMPERATURE pag. 174



COLORI DISPONIBILI / AVAILABLE COLOURS

2 COLORE STANDARD STANDARD COLOUR  
Nero Black

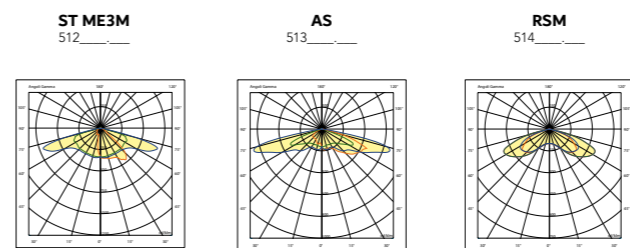
DIMENSIONI IMBALLO / PACKING DIMENSIONS

m<sup>3</sup> 0.016  
420x290x135mm 1 Pcs  
100 pcs

DISPONIBILI A RICHIESTA / AVAILABLE ON REQUEST

- driver DALI;
- CRI80;
- lenti ambra.
- DALI driver;
- CRI80;
- amber lenses.

VERSIONI DISPONIBILI / AVAILABLE VERSIONS

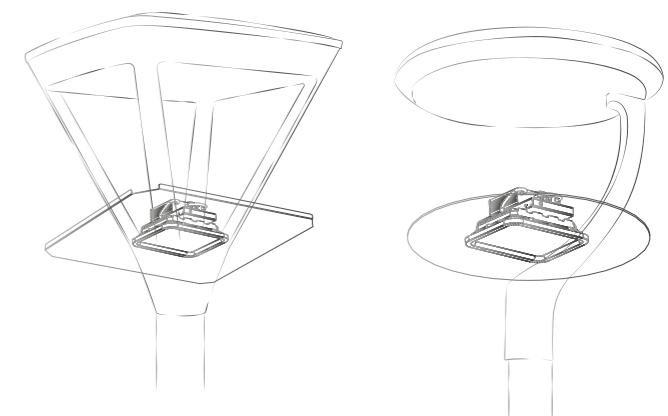
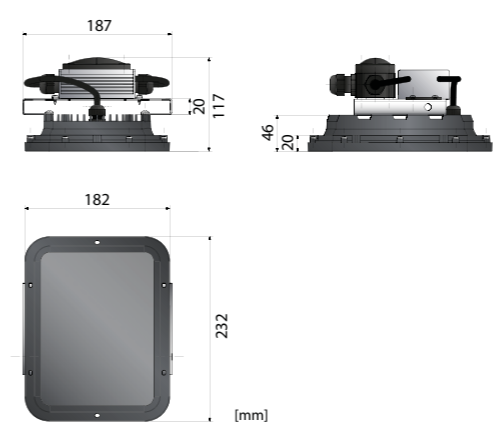


DETTAGLI / DETAILS

**Brave**  
retrofit universale per arredi urbani  
universal retrofit for decorative street fixtures

Piastra di supporto **non inclusa\***  
Support plate **non included\***

DIMENSIONI / DIMENSIONS



# BRAVE



Proiettore multiottica di bassa potenza in classe II, sviluppato come perfetto retrofit per lanterne, apparecchi decorativi per arredo urbano, piccole armature stradali.

**Corpo e cornice:** resina termoconduttiva, in colore nero.

**Vetro di sicurezza:** extra chiaro temprato da 4 mm.

**Moduli LED:** anti solforazione, CRI>70, CCT 4000K, SDCM 5.

**Mantenimento del flusso luminoso:** 54.000h L80 B10 @ta25, 54.000h L80 B10 @ta45.

**Lente:** cluster multiplo 2x2 in PMMA Anti UV UL94.

**Ottiche:** stradale ME3M, AS e RSM.

**Alimentazione:** elettronica 220 ÷ 240V 50-60Hz, protezione alla scarica 4/6kV, low ripple.

**Installazione:** apparecchio retrofit.

Low power class II multi-optical projector, developed as a perfect retrofit for lanterns, decorative luminaires, urban furniture, street lighting.

**House and frame:** thermoconductive resin, color black.

**Safety glass:** extra clear tempered 4 mm.

**LED modules:** anti sulfuration, CRI>70, CCT 4000K, SDCM 5.

**Lumen maintenance:** 54.000h L80 B10 @ta25, 54.000h L80 B10 @ta45.

**Lens:** 2x2 multiple cluster in PMMA Anti UV UL94.

**Optics:** ME3M street light distribution, AS and RSM.

**Power supply:** 220 ÷ 240V 50-60Hz with electronic ballast, surge protection 4/6kV, low ripple.

**Installation:** retrofit fixture.

**Efficienza Luminosa**  
Luminous Efficacy

up to 195lm/W





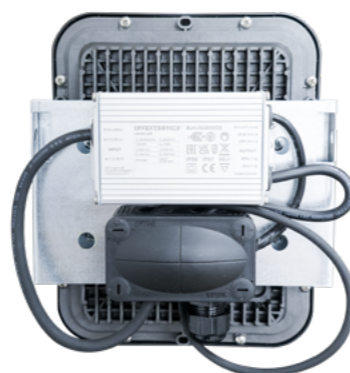
BRAVE 1 LM 740



BRAVE 2 LM 740



BRAVE 2 LM 740



BRAVE RETRO / BACK

	<b>CODICE</b> Code	<b>DESCRIZIONE</b> Description	<b>POTENZA</b> Power(W)	<b>FLUSSO NOMINALE</b> Typical flux(lm)	<b>FLUSSO NETTO</b> Net output(lm)	<b>CORRENTE</b> Current(mA)	<b>PESO NETTO</b> Net weight(Kg)
<b>SM</b>	512542.142	1 LM 740	16W	3135	2625	700	1,85
	512542.242	2 LM 740	32W	6270	5245	700	1,88
	512542.262	2 LM 740	48W	9405	7865	700	1,94
<b>AS</b>	513542.142	1 LM 740	16W	3135	2320	700	1,85
	513542.242	2 LM 740	32W	6270	4640	700	1,88
	513542.262	2 LM 740	48W	9405	6960	700	1,94
<b>RSM</b>	514542.142	1 LM 740	16W	3135	2725	700	1,85
	514542.242	2 LM 740	32W	6270	5445	700	1,88
	514542.262	2 LM 740	48W	9405	8165	700	1,94
	code + DALI	Driver dimmerabile DALI   DALI dimmable driver					
	951203.000	Kit staffa di rotazione   Rotating bracket kit					

**ATTENZIONE / ATTENTION**

Accessorio 951203.000 da abbinare solo con Brave in colore n.3 Antracite  
 Accessory 951203.000 to be combined only with Brave in color n.3 Anthracite

Codifica / Coding **CRI**      xxx5xx.xxx = CRI70      xxx6xx.xxx = CRI80

Versione CRI90 o configurazioni particolari disponibili a richiesta, devono essere concordati con il referente commerciale.  
 CRI90 version or any special setup available on request, shall be agreed with the sales representative.

Codifica / Coding **CCT (K)**      xxxxxx.xx1 = 3000K      512542.142 = Standard 4000K      xxxxxx.xx3 = 5000K

Configurazione temperatura colore LED: L'ultima cifra del codice indica la temperatura colore del LED (Kelvin). Codici disponibili a Catalogo pag. 174  
 LED temperature color configuration: The last digit refers to LED's temperature colour (Kelvin). Codes available in the Catalogue pag. 174

I flussi luminosi dei prodotti sono stati calcolati considerando il valore tipico (@ ta25° stnd) dichiarato dal produttore dei LED. Possono essere dunque considerate delle tolleranze sui lotti di produzione di +/-5%. I valori dichiarati sui prodotti fanno riferimento alla colorazione standard 4000K  
 Product's luminous flux were calculated taking into account the typical value declared by the LED manufacturer. Therefore, tolerances on production batches could be considered of +/-5%. The values declared refer to standard coloring 4000K.