

On Ø46...76mm pole top or bracket mounted street lighting modular luminaires.

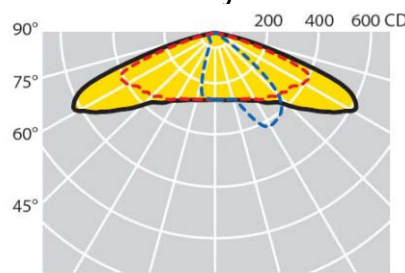
Supplied with appropriate converter for the operating of LED panels.

Their AB1 optic is suitable for carriageways with a width greater than 0.85 times the height of installation.

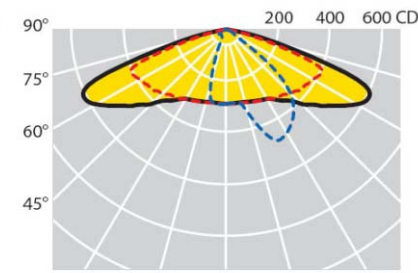
Luminaire body, cover and the adjustable pole mounting system are made from die-cast aluminium, coated by silver-coloured polyester powder.

The material of gaskets is anti-aging rubber and the cover glass is made of 4mm thick extra-clear tempered glass. The material of the closure clip is stainless steel.

### Luminous Intensity Distribution



CHALLENGE - AB1 C max = 20°  
90, 106, 120, 136, 148, 162W



CHALLENGE - AB1 C max = 15°  
156, 173, 178, 200, 238W



Type	Light Source	Energy Efficiency Class, E EC*	Dimensions (mm)	Mass (kg)	Product Code
CHALLENGE AB1 LED 106W	49 pcs 11,800lm / 4,000K LED modules	A	440 x 727 x 308	16.90	1-27-15-0060
CHALLENGE AB1 LED 90W	56 pcs 10,650lm / 4,000K LED modules	A	440 x 727 x 308	16.90	1-27-15-0059
CHALLENGE AB1 LED 120W	56 pcs 13,150lm / 4,000K LED modules	A	440 x 727 x 308	16.90	1-27-15-0061
CHALLENGE AB1 LED 135W	63 pcs 14,710lm / 4,000K LED modules	A	440 x 727 x 308	17.00	1-27-15-0062
CHALLENGE AB1 LED 148W	70 pcs 16,050lm / 4,000K LED modules	A	440 x 727 x 308	17.10	1-27-15-0063
CHALLENGE AB1 LED 162W	75 pcs 17,000lm / 4,000K LED modules	A	440 x 727 x 308	17.50	1-27-15-0064
CHALLENGE AB1 LED 178W	63 pcs 19,260lm / 4,500K LED modules	A	440 x 727 x 308	16.50	1-27-15-0066
CHALLENGE AB1 LED 156W	63 pcs 18,020lm / 4,500K LED modules	A	440 x 727 x 308	16.70	1-27-15-0065
CHALLENGE AB1 LED 173W	70 pcs 20,020lm / 4,500K LED modules	A	440 x 727 x 308	16.80	1-27-15-0067
CHALLENGE AB1 LED 200W	70 pcs 22,400lm / 4,500K LED modules	A	440 x 727 x 308	16.80	1-27-15-0068
CHALLENGE AB1 LED 238W	75 pcs 24,700lm / 4,500K LED modules	A	440 x 727 x 308	17.20	1-27-15-0069

\* This luminaire is compatible with bulbs of the following energy efficiency classes This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

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