

DATA SHEET

PM-707C / 708C / 709C

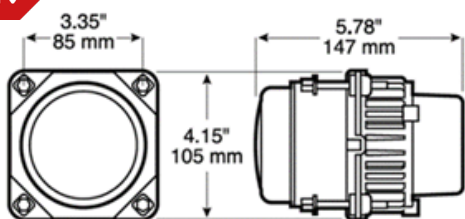
90mm LED headlights



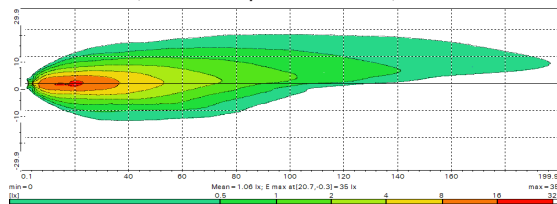
Images



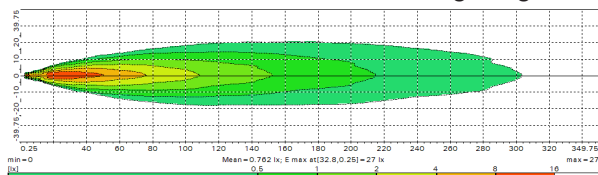
Dimensions



707C-ECE 90mm Headlight Low Beam
(LHT beam pattern shown)



708C-ECE / 709C-DOT/ECE 90mm Headlight High Beam



Part numbers

PM-707C-DOT	90mm LED headlight, low beam, DOT/SAE, right-hand traffic
PM-707C-ECE-LHT	90mm LED headlight, low beam, ECE, left-hand traffic
PM-707C-ECE-RHT	90mm LED headlight, low beam, ECE, right-hand traffic
PM-708C-ECE	90mm LED headlight, high beam, ECE
PM-709C-DOT/ECE	90mm LED headlight, high beam with position light, DOT/SAE, ECE

Specifications

Functions:	90mm LED headlights Left-hand and right-hand traffic variants Low beam/high beam versions
LEDs:	5 diodes + 3 additional diodes for position light
Certifications:	ECE Reg 10 ECE Reg 112 Class B: E6-112R-010539 - low beam, left-hand traffic (LHT) E6-112R-010522 - low beam, right-hand traffic (RHT) E6-112R-010821 - high beam E6-7R-020821 - position light for high beam DOT compliant (PM-707C-DOT & PM-709C-DOT/ECE)
Voltage:	Multi-voltage 9-32Vdc
IP rating:	IP68
Operating temperature:	-30°C to +65°C
Mounting:	Industry standard 4-point mounting with 85mm centres
Wiring:	PM-707C & PM-708C variants: 40cm long co-extruded Red = power, Black = ground > Terminated in a 2-way AMP connector PM-709C 40cm long co-extruded Red = power, Black = ground > Terminated in a 2-way AMP connector White = position ground, Brown = position positive > Terminated in partially stripped wires
Current draw:	1.460A@13.2V / 0.630A@28V (low beam - LHT) 1.450A@13.2V / 0.620A@28V (low beam - RHT) 1.490A@13.2V / 0.630A@28V (high beam) 1.460A@13.2V / 0.620A@28V (high beam + pos light)
Power rating:	1.460A@13.2V / 0.630A@28V (low beam - LHT) 1.450A@13.2V / 0.620A@28V (low beam - RHT) 1.490A@13.2V / 0.630A@28V (high beam) 1.460A@13.2V / 0.620A@28V (high beam + pos light)
Reverse polarity protection:	Yes
Warranty:	3 years

Materials

Outer lens:	Polycarbonate, clear, hard coated
Inner lens:	PMMA
Housing:	Aluminium, black E-coat finish
Front/rear covers	Polycarbonate, black