



Jokon GmbH * Rosenbach 42 * D-53229 Bonn

Jokon GmbH

Rosenbach 42 * D-53229 Bonn

Telephone + 49 (0) 228 977 64 - 0

Fax + 49 (0) 228 977 64 - 77

www.jokon.de * info@jokon.de

JOKON customers

Ihr Zeichen - Ihre Nachricht / Your ref.

Unsere Zeichen - Nachricht / Our ref.

Telefon/Telephone - Name - Email

Datum / Date

+49 (0) 228 97764 - 0

10th Jun. 2014

Condensate in light systems (condensation)

Dear Sirs,

Depending on the design of the lights, it may occur that the lenses of clear glass lights become somewhat misted. This happens particularly after a prolonged period of moist and/or cold weather.

This is a normal physical process for which there are various explanations. Depending on the type of light, it is not advantageous for the light to be completely sealed. Low or higher temperatures would result in very wide pressure differences between the light and its surroundings, which in turn would again cause problems, e.g. in the form of cracks, etc.

Accordingly, many of our lights are equipped with ventilation openings or pressure compensation membranes. When the light is switched off or cools down overall, the air contracts as a result of this cooling and moist air is able to flow in from outside. If the temperature now becomes low enough, a condensation film appears as on a cold window pane in a house. This process is also known as "condensation". The condensate usually evaporates again after a short time and escapes from the light when the lights are switched on or during driving in dry weather.

Our products are protected against slight condensate deposits by a special treatment of the reflectors and the circuit boards, so that the process is harmless.

Should however greater accumulations of water occur or should larger individual water droplets be visible, the light must be checked for damage and/or leakage points and/or be replaced.

Yours sincerely,

Jokon GmbH

BNP Paribas Fortis SA/NV - BIC: GEBADE33 Postbank Essen - BIC: PBNKDEFF
20348
IBAN: DE13 3701 0600 2220 365015 IBAN: DE92 3601 0043 0062 503437
Sparkasse KölnBonn - BIC: COLSDE33
IBAN: DE93 3705 0198 0041 304445

Managing director:

Marc Laisné
Master of Business and Engineering Axel Oster

Court of registration: AG Bonn HRB

VAT ID no.: DE 122 259 452