

Certificate

ID-Number: ACR/B 11/256

Functional Safety of LED traffic light modules

Certification Body TÜV Rheinland InterTraffic GmbH
Owner of Certificate GE Lighting Solutions
1940 Onésime-Gagnon Street
Lachine, Québec, Canada
H8T 3M6
Item under Assessment LED traffic light modules with clear and tinted lenses

Model Description	Model Number
Red 300 mm Fullball Signal (Tinted)	DR6-RTFB-71C
Red 300 mm Fullball Signal (Clear)	DR6-RCFB-71C
Yellow 300 mm Fullball Signal (Tinted)	DR6-YTFB-71C
Yellow 300 mm Fullball Signal (Clear)	DR6-YCFB-71C
Green 300 mm Fullball Signal (Tinted)	DR6-GTFB-71C
Green 300 mm Fullball Signal (Clear)	DR6-GCFB-71C
Red 200 mm Fullball Signal (Tinted)	DR4-RTFB-71C
Red 200 mm Fullball Signal (Clear)	DR4-RCFB-71C
Yellow 200 mm Fullball Signal (Tinted)	DR4-YTFB-71C
Yellow 200 mm Fullball Signal (Clear)	DR4-YCFB-71C
Green 200 mm Fullball Signal (Tinted)	DR4-GTFB-71C
Green 200 mm Fullball Signal (Clear)	DR4-GCFB-71C

Manufacturer GE Lighting Solutions
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Bases of Assessment ¹⁾ DIN CLC/TS 50509: 2008, DIN V VDE V 0832-300: 2005, DIN VDE 0832-100: 2010,
DIN EN 12368: 2006, EN 50293: 2000

Assessment Report / Date ²⁾ ACR/B 11/256, Rev. 1 / January 31, 2012

Assessment Result ³⁾ The safety assessment of LED traffic light modules has not revealed any deviations from the specified functional safety and environmental conditions as stated in the Safety Assessment Report ACR/B 11/256, Rev. 1. The requirements of DIN CLC/TS 50509 DIN V VDE V 0832-300, DIN VDE 0832-100, DIN EN 12368, EN 50293 can be regarded as fulfilled in consideration of the safety related application conditions in the report ACR/B 11/256, Rev. 1.

Validity The results of the safety assessment are exclusively related to the hardware as stated under "Item under Assessment". Modifications or deviations from the assessed configuration shall be named to the certification body.

¹⁾ Further codes and standards to be applied are contained in the referenced assessment report.

²⁾ This assessment report is an integral part of the certificate.

³⁾ The assessment result is justified in detail in the assessment report.

Cologne, January 31, 2012

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