

Checklist for Luminaire Conversion To Radium LED T8 Neo®



Name / Location where the conversion takes place:	
Name of the executing company:	
Name of the responsible person for the conversion:	
Starting date of conversion:	
Number of luminaires to be converted:	
Lamp to be used:	LED T8 Neo® <input type="checkbox"/> 18 840 <input type="checkbox"/> 18 865 <input type="checkbox"/> 36 840 <input type="checkbox"/> 36 865 <input type="checkbox"/> 58 840 <input type="checkbox"/> 58 865
LED driver to be used:	Constant current DALI driver (dimmable) <input type="checkbox"/> 15W <input type="checkbox"/> 30W <input type="checkbox"/> 60W Constant current driver (non-dimmable) <input type="checkbox"/> 15W <input type="checkbox"/> 30W <input type="checkbox"/> 50W

General inspections to be carried out on every luminaire	
Note: If applicable, please, add which components have been replaced	
Mounting of the luminaire (ceiling mounting, suspension, grid insert, ...)	<input type="checkbox"/> checked and OK <input type="checkbox"/> replaced
Clamps safe and solid contact	<input type="checkbox"/> checked and OK <input type="checkbox"/> replaced
Cables neither damaged nor porous	<input type="checkbox"/> checked and OK <input type="checkbox"/> replaced
Cables neatly laid	<input type="checkbox"/> checked and OK
Old unused wires removed or the ends insulated	<input type="checkbox"/> checked and OK
Lamp holders safe and functioning	<input type="checkbox"/> checked and OK <input type="checkbox"/> replaced
LED drivers safely and solidly mounted	<input type="checkbox"/> checked and OK <input type="checkbox"/> replaced
Earth connection of each luminaire (for SK1 luminaires)	<input type="checkbox"/> checked and OK <input type="checkbox"/> not applicable
Earth connection of each LED driver	<input type="checkbox"/> checked and OK
Strain relief (if existing) tight and safe	<input type="checkbox"/> checked and OK <input type="checkbox"/> not applicable
Covers/grids tight fit, no damage	<input type="checkbox"/> checked and OK <input type="checkbox"/> replaced

Label to be added after conversion	
Neo adhesive label(s) added near lamp holder(s)	<input type="checkbox"/> checked and OK

Measurements to be performed on all luminaires after replacement

Resistance of the protective conductor (maximum 0.5 Ohm, measured with a current of at least 10A at a voltage between 6V and 12V for min. 1s)	<input type="checkbox"/> checked and OK
Dielectric strength or insulation resistance <ul style="list-style-type: none"> Dielectric strength: Maximum value of the breakdown current 5mA Measurement at an applied AC voltage of at least 1.5kV for a maximum duration of 1s or with a DC voltage of 2.12kV Insulation resistance: Minimum value of insulation resistance 2MΩ. Measurement at an applied DC voltage of 500V for 1s 	Tests carried out: <ul style="list-style-type: none"> <input type="checkbox"/> Dielectric strength <input type="checkbox"/> Insulation resistance <input type="checkbox"/> checked and OK
Function test	<input type="checkbox"/> checked and OK

Number of luminaires tested:

By performing this routine test, the luminaires are safe in terms of DIN EN 60598-1 Annex Q.

The documents provided by Radium Lampenwerk GmbH for the LED T8 Neo® lamps and LED drivers are available on request or from the website. Therein, the conformity of the lamps according to EN 62776:2015 and the LED drivers according to EN 61347-1:2015 is declared.

This also includes compliance with the EMC guidelines according to EN 55015:2019 for the LED T8 Neo® lamps and Radium LED drivers.

It is hereby confirmed that the luminaires comply with current safety standards at the time of handover.
Periodical maintenance of the luminaires is recommended to ensure long lasting proper operation.

Place and date

Signature