



**Approved baseline and monitoring methodology /
methodological tool clarification response form
(Version 03.0)**

INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL / WG

Date and number of Panel / WG meeting:	27–29 September 2022 / MP 89
Title/Subject of the request for clarification:	Clarification on accounting for lumen depreciation time of LED lamps under AMS-II.N.
Reference number of the request for clarification:	SSC_832
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	AMS-II.N.: Demand-side energy efficiency activities for installation of energy efficient lighting and/or controls in buildings --- Version 2.0
Fast track or Regular track:	<input type="checkbox"/> Fast track <input checked="" type="checkbox"/> Regular track

Summary of the request for clarification

Original text from PP:

There is requirement in the methodology that if LEDs are utilized, to replace T8 or T12 lamps, the LEDs must initially provide 15 per cent more lumens than the existing T8s and/or 10 per cent more lumens than the existing T12s to account for lumen depreciation over time.

In our lighting energy efficiency projects, we replace T8 or T12 lamps with LEDs to provide the same or improved lighting levels. This can be achieved with lower lumens. As such, not all the LEDs we install to replace T8 or T12 lamps would have 15% or 10% more lumens than the existing T8s or T12s. However, we ensure lighting levels are the same or improved and in line with the relevant international or national requirements for the work being performed in the specific area where the lighting is replaced.

With the above in mind, it is possible to use the methodology specified if the lighting levels are the same or improved and in line with relevant international and national legislation, even if the LEDs are not rated at 15% or 10% more lumens than the existing T8s or T12s?

Clarification by the secretariat or Panel / WG

The Meth Panel would like to thank the author for the submission and clarifies that, when applying the current version of the methodology, the project LED lamps shall comply with the requirements of having more lumens than the T8s or T12s to be replaced.

The Meth Panel acknowledges that the lifetime warranties for LED lamps indicated in paragraph 9 is a sufficient quality criteria for modern lamps. Therefore, paragraph 11(b) can be either removed or replaced with a requirement that project LED lamps should comply with any national/regional Minimum Energy Performance Standards – MEPS (e.g. SADC HT 109:2021), if they exist. Therefore, the Meth Panel encourages the author to submit a revision of the methodology addressing these points.

Version(s) of the approved methodology / methodological tool to which the clarification is applicable:

AMS-II.N.: Demand-side energy efficiency activities for installation of energy efficient lighting and/or controls in buildings --- Version 2.0

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	13 May 2016	Revised to include the row "Version(s) of the approved methodology / methodological tool to which the clarification is applicable"
02.0	18 July 2013	Revised to remove the row "Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)"
01.0	4 July 2013	Initial publication. This document supersedes and replaces the following documents: <ul style="list-style-type: none">• Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1)• Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)
Decision Class: Regulatory Document Type: Form, Clarification Business Function: Methodology Keywords: applying methodologies and tools		