

# TLA Rules version 4.1 – Detailed summary of changes

## Introduction

This document summarises the changes implemented in the updated version 4.1 Commercial Building Disclosure (CBD) Tenancy Lighting Assessment for Offices Rules (TLA Rules), compared to version 3.1 of the TLA Rules.

These updated version 4.1 rules replace the previous version 4.0 rules and will apply to all TLA applications submitted through the CBD assessor portal from 6 December 2021 onwards.

Other than this new commencement date, there are no major differences between version 4.0 and 4.1.

## Nominal lighting power density (NLPD) assessment updates

- NLPD grading bands have been updated following feedback and consultation with CBD Program stakeholders including CBD Assessors, building owners and industry associations.

NLPD	Current NLPD grade	Updated NLPD grade
4.5 W/m <sup>2</sup> or less	Excellent	Very efficient
4.6 to 7.0 W/m <sup>2</sup>	Good	Efficient
7.1 to 10.0 W/m <sup>2</sup>	Median	Somewhat efficient
10.1 to 15.0 W/m <sup>2</sup>	Poor	Somewhat inefficient
15.1 to 18.0 W/m <sup>2</sup>	Very poor	Inefficient
18.1 W/m <sup>2</sup> or more		Very inefficient

# TLA Rules version 4.1 – Detailed summary of changes

## Summary of updates

Section	Update
<b>1.1.1 – Nominal Lighting Power Density (NLPD)</b>	Added a new top level NLPD grading band based on stakeholder feedback and re-named existing bands (see above).
<b>1.2 – About this Document</b>	Added Section 1.2.1, explaining that the rules will apply from 6 December 2021. Version 3.1 Rules to be used for submissions before this date.
<b>1.2.3 – Related documents</b>	Updated references to NABERS Rules (and throughout document).
<b>2.2 – Definitions</b>	Added new defined terms and their definitions, used throughout document.
<b>2.4 – Non-assessable spaces</b>	Spaces smaller than 50m <sup>2</sup> are now deemed non-assessable. Updated decision flowchart
<b>2.4.2 – Documentation required – Non-Assessable Spaces</b>	Updated requirements for police and security tenants
<b>3.3.2 – Process for dealing with denial of access or information</b>	Updated decision flowchart
<b>4.2 – Determining office NLA</b>	Updated requirements to determine office NLA to match the current NABERS Rules, referencing the ‘measurement standard’ added to 2.2 – Definitions.
<b>5.3 – Luminaire schedule</b>	Added additional information about T5 lamps, confirming that the default option for T5 lamps is ‘T5 HE’.

# TLA Rules version 4.1 – Detailed summary of changes

<b>5.4.6 – Default lamp values</b>	Added additional LED panel and LED strip default lamp options.
<b>6 – NLPD assessment</b>	<p>The NLPD assessment methodology has been updated to reduce the time required for an Assessor to complete their assessment, both on-site and when submitting their applications through the Assessor Portal.</p> <ul style="list-style-type: none"> <li>Any of the Grid Method and Aggregate Methods (1, 2 and 3) can now be used to assess any functional space if the assessment and documentation requirements can be met.</li> <li>Previously, Assessors were required to first confirm the Grid Method was not viable before moving on to the Aggregate Methods.</li> <li>Updated decision flowchart</li> </ul>
<b>6.3.3 – Grid Method</b>	<p>Removed requirement to calculate 5% by wattage of non-standard luminaires when using Grid Method.</p> <p>6.4 - Documentation requirements – NLPD also updated to reflect this change.</p>
<b>6.3.6 – Aggregate Method 3</b>	Aggregate Method 3 can now be used to assess NLPD for any assessable functional space.
<b>7.2 – Identifying lighting control system capacity</b>	Updated decision flowchart.
<b>7.2.3 - Step 2a: Identify control zone size</b>	Added additional information to assist in identifying control zone sizes.
<b>7.2.4 - Step 2b: Functional Space area</b>	Added additional information about manually controlled spaces.
<b>Appendix A</b>	Updated information checklist to reflect changes above.
<b>Appendix B</b>	Added additional information regarding T5 lamp types.
<b>Appendix C</b>	Updated lamp power calculation methodology for T5 lamp types. Note this will be implemented in the back end of the Assessor Portal, no change to how data is entered for TLA applications.
<b>Appendix D</b>	Added additional examples for NLPD calculations.
<b>Appendix E</b>	Updated lighting control examples.