



OUR REF EN standards
ENQUIRIES Ms. N Mathabela
TELEPHONE (012) 428 6883
DATE 03 October 2018

Ms Jill Atkinson
I.E.S.S.A.
Energy Management Solutions

EN standards published by CEN/CENELEC

Dear Ms Atkinson

At present the SABS does not have any South African National Standards for the product – stand-alone solar LED Smart Street Light. We acknowledge that the standards listed below and provided by you are legitimate European standards that cover the scope of the product and are published by the European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (CENELEC).

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|-------------------|---|
| EN 40-3-1 : 2013 | Lighting columns - Part 3-1: Design and verification - Specification for characteristic loads |
| EN 40-5 : 2002 | Lighting columns - Part 5: Requirements for steel lighting columns |
| EN 13201-2 : 2015 | Road lighting - Part 2: Performance requirements |
| EN 13201-3 : 2015 | Road lighting - Part 3: Calculation of performance |
| EN 13201-4 : 2015 | Road lighting - Part 4: Methods of measuring lighting performance |
| EN 13201-5 : 2015 | Road lighting - Part 5: Energy performance indicators |
| EN 55015 : 2013 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2013 + IS1:2013 + IS2:2013) |
| EN 61215 : 2005 | Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval (IEC 61215:2005) |

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EN 61215-1 : 2016 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements (IEC 61215-1:2016)

EN 61215-1-1 : 2006 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) Modules (IEC 61215-1-1:2016)

EN 61215-1-2 : 2017 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin- film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (IEC 61215-1-2:2016)

EN 61215-1-3 : 2017 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (IEC 61215-1-3:2016)

EN 61215-1-4 : 2017 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film $\text{Cu}(\text{In}, -\text{Ga})(\text{S}, -\text{Se})_2$ based photovoltaic (PV) modules (IEC 61215-1-4:2016)

EN 61215-2 : 2017 Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures (IEC 61215-2:2016)

EN 61547 : 2009 Equipment for general lighting purposes - EMC immunity requirements (IEC 61547:2009)

We trust that this is in order.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Ms N Mathabela', is written over a thin horizontal line.

Ms N Mathabela

Senior Manager: Standards Sales and Information Services