

## TEST REPORT

|  |  |
|--|--|
| <b>TEST REPORT</b><br><b>SANS 60598-2-1</b><br><b>Luminaires</b><br><b>Part 2: Particular requirements</b><br><b>Section 1: Fixed general purpose luminaires</b> |  |
| Report Number.....   | LGT-230314-00009-1   |
| Tested by.....   | Patricia Mokoena<br>Senior Test Officer  |
| Checked by.....  | Tshepo Machailoe<br>Technical Signatory  |
| Approved by.....   | Tshepang Pheelwane<br>Technical Lead   |
| Date of issue.....   | 2023/03/30   |
| Total number of pages.....   | 37   |
| Name of Testing Laboratory .....   | Lighting Technology  |
| Address.....   | Private Bag X191   |
| Location.....  | PRETORIA, 0001   |
| Applicant's name.....  | ARC LIGHTING CC  |
| Address .....  | 12 Goud Crescent, Brakenfell Industrial, BRACKENFELL, 7561   |
| Summary of test results/Conclusion:  | The luminaire complied with the requirements of standard SANS 60598-2-1:2020 Edition 2 and standard SANS 60598-1:2021 Edition 7. |
| Test specification:  |  |
| Standard.....  | SANS 60598-2-1:2020 Edition 2 used in conjunction with SANS 60598-1:2021 Edition 7.  |
| Non-standard test method.....  | N/A  |
| Test Report Form No.....   | IEC60598_2_11  |
| Test Report Form(s) Originator.....  | Intertek Semko AB  |
| Master TRF.....  | Dated 2022-04-14   |

1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria, 0001.  
 Tel +27 12 428 7911. Fax +27 12 344 1568

SABS Commercial SOC Ltd conducted a conformity assessment pertaining to a sample of the product, commodity or system identified and the outcome recorded in this test report only relates to that specified sample. The conformity assessment outcomes recorded in the test report do not imply SABS Approval of the quality and/or performance of the sample(s) in question and the test results do not apply to any similar sample that has not been tested. (Refer also to the conditions of test printed on the back of this page.) This report may not be reproduced except in full. The authenticity of this report and its contents can be confirmed by contacting the person who signed it.



T0085



| SANS 60598-2-1 |                    |                 |         |
|----------------|--------------------|-----------------|---------|
| Clause         | Requirement + Test | Result - Remark | Verdict |

**ANNEX B****Range or family of luminaire as per Annex S of SANS 60598-1:2021.**

PEN418, PEN112, PEN39, PEN600,  
 PEN042, PEN61, PEN33, PEN179  
 PEN310, PEN512, PEN024, PEN037  
 PEN303, PEN513, PEN162, PEN432  
 PEN183, PEN023, PEN28, PEN030  
 PEN306, PEN130, PEN437, PEN64  
 PEN440, PEN59, PEN454, PEN507  
 PEN228, PEN165, PEN428, PEN23  
 PEN010, PEN450, PEN408, PEN241  
 PEN21, PEN406, PEN182, PEN435  
 PEN438, PEN405, PEN439, PEN019  
 PEN19, PEN151, PEN013, PEN411  
 PEN154, PEN181, PEN175, PEN133  
 PEN188, PEN205, PEN315, PEN128  
 PEN157, PEN504, PEN01, PEN190  
 PEN136, PEN17, PEN500, PEN436  
 PEN400, PEN001, PEN243, PEN24  
 PEN09, PEN238, PEN30, PEN514  
 PK1, PK2, PK3, PK4G  
 PK5, PK6, P1G, P2,  
 P3W, P3R, P3G, and P3K.

