





Test Report issued under the responsibility of:

ARLIGHT
Aydınlatma Laboratuvarı

TEST REPORT IEC 62262 and/or TS EN 62262 Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	
Report	
Sample Number.....:	S18T5032N0108-06
Report Number	18T5032N0108-06
Date of issue	26/01/2018
Total number of pages	9
Applicant's name	Baytaş Aydınlatma
Address.....:	Sincan OSB. Ahi Evran Ave. 225. St. No: 84 06935 Sincan Ankara TURKEY
Testing Laboratory	Arlight Lighting Laboratory
Tested by(name + signature)	Ozan Sinan BESLER
	
Approved by(name + signature) .:	Fatih KARA
	
Test specification:	
Standard	TS EN 62262
Test procedure.....:	Arlight Lighting Laboratory
Non-standard test method	Non-standard test methods did not used
<p>This report was prepared after applying test/tests to the samples that are sent to our company. Note that this report does not involve other samples of the customer. This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report. * signed tests or the papers which have not the accreditation number are not in the scope of accreditation.</p> <p>TEST REPORT issued by an Accredited Testing Laboratory. Accredited by TÜRKAK, no AB-0678-T, ISO/IEC 17025.</p>	

Test item description: Outdoor lighting luminaire
Trade Mark.....: BAYLED
Manufacturer: Sample as Applicant
Model/Type reference: STAR 60
Ratings.....: 50W, 1.4 A, IP65

Testing procedure and testing location:

☐ **CB Testing Laboratory:**

Testing location/ address.....:

☐ **Associated CB Laboratory:**

Testing location/ address.....:

Tested by (name + signature).....:

Approved by (name + signature) :

☐ Testing procedure: TMP

Testing location/ address.....:

Tested by (name + signature).....:

Approved by (name + signature) :

☐ Testing procedure: WMT

Testing location/ address.....:

Tested by (name + signature).....:

Witnessed by (name + signature):

Approved by (name + signature) :

☐ Testing procedure: SMT

Testing location/ address.....:

Tested by (name + signature).....:

Approved by (name + signature) :

Supervised by (name +
signature)

☐ Testing procedure: RMT

Testing location/ address.....:

Tested by (name + signature).....:

Approved by (name + signature) :

Supervised by (name +
signature)

Summary of testing: IK09 test was applied on the lens surface of the sample for five times .After test lens surface isn't show any damage or crack. The sample was passed in the IK09 test.

Tests performed (name of test and test clause): TS EN 62262 (IK code)

Testing location:

Arlight Lighting Laboratory
Saray Ave. 205 St. No:4 Kahramankazan
Ankara - TURKEY

ARLIGHT 
Aydınlatma Laboratuvarı

Summary of compliance with National Differences:

List of countries addressed: N/A

Copy of marking plate



SAMPLE NO	NAME	TYPE	LAMP	RATINGS	CLASS	IP
S18T5032N 0108-06	STAR 60	Outdoor lighting luminaire	NICHIA LED	50W, 1.4A	CLASS I	IP65

List of Test Equipment						
No	Name	Brand	Model	Serial Number	Calibration Date	Calibration Period
1	IK test materials	-	-	-	27/04/2015	3 years
2	IK test mechanism	-	-	-	-	-

Test item particulars	
Classification of installation and use.....	CLASS I ,IP65, Outdoor lighting luminaire
Supply Connection.....	Through cable
.....	
.....	
Possible test case verdicts:	
- test case does not apply to the test object	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
Testing	
Date of receipt of test item	26.01.2018
Date (s) of performance of tests	Performance test does not applied to luminaire
General remarks:	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p> <p>"(See Enclosure #)" refers to additional information appended to the report.</p> <p>"(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a point is used as the decimal separator.</p> <p>Clause numbers between brackets refer to clauses in TS EN 62262.</p>	
General product information:	
<p>STAR 60 LED luminaire for pole top mounting, made of aluminium housing with width of 60cm.</p> <p>The diffuser is made of a aluminium material that encloses the LEDs. The luminaire must be supplied by an external LED Driver that is not part of this test.</p>	

IEC 62262			
Clause	Requirement + Test	Result - Remark	Verdict
IK TEST Degrees of protection provided by enclosure for electrical equipment against external mechanical impacts (IK code)			
	- Classification according to IK code..... :	IK09	—
	- Impact Energy (J) :	10	—
	- Impact test equipment :	Vertical hammer	—
	- Number sample tested..... :	1	—
	- Condition for test sample mounting :	Pole mounted	—
	- Parts tested..... :	Lens surface of sample	—
	- Number of impact :	5 on lens	—
	- Ambient temperature (°C) :	23.7	—
	- Precondition :		N/A
	- Test evaluation :	After the test, there was no damage, no deformation, no access to live parts.	P

Photo 1 Product overview top view

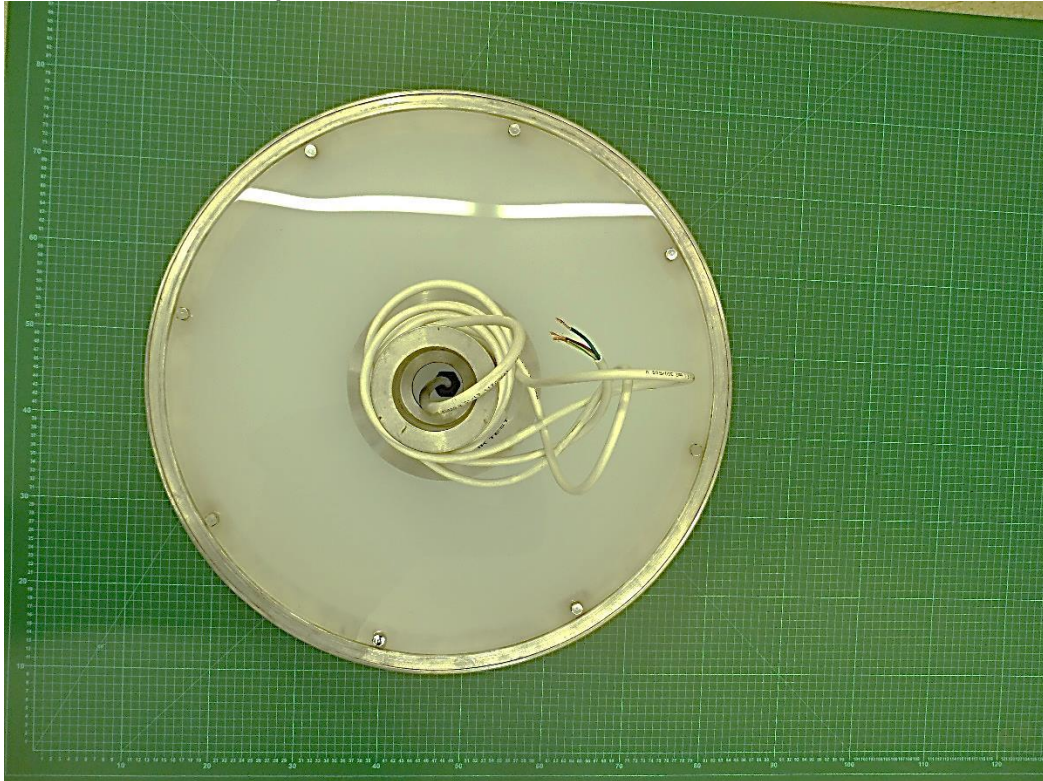
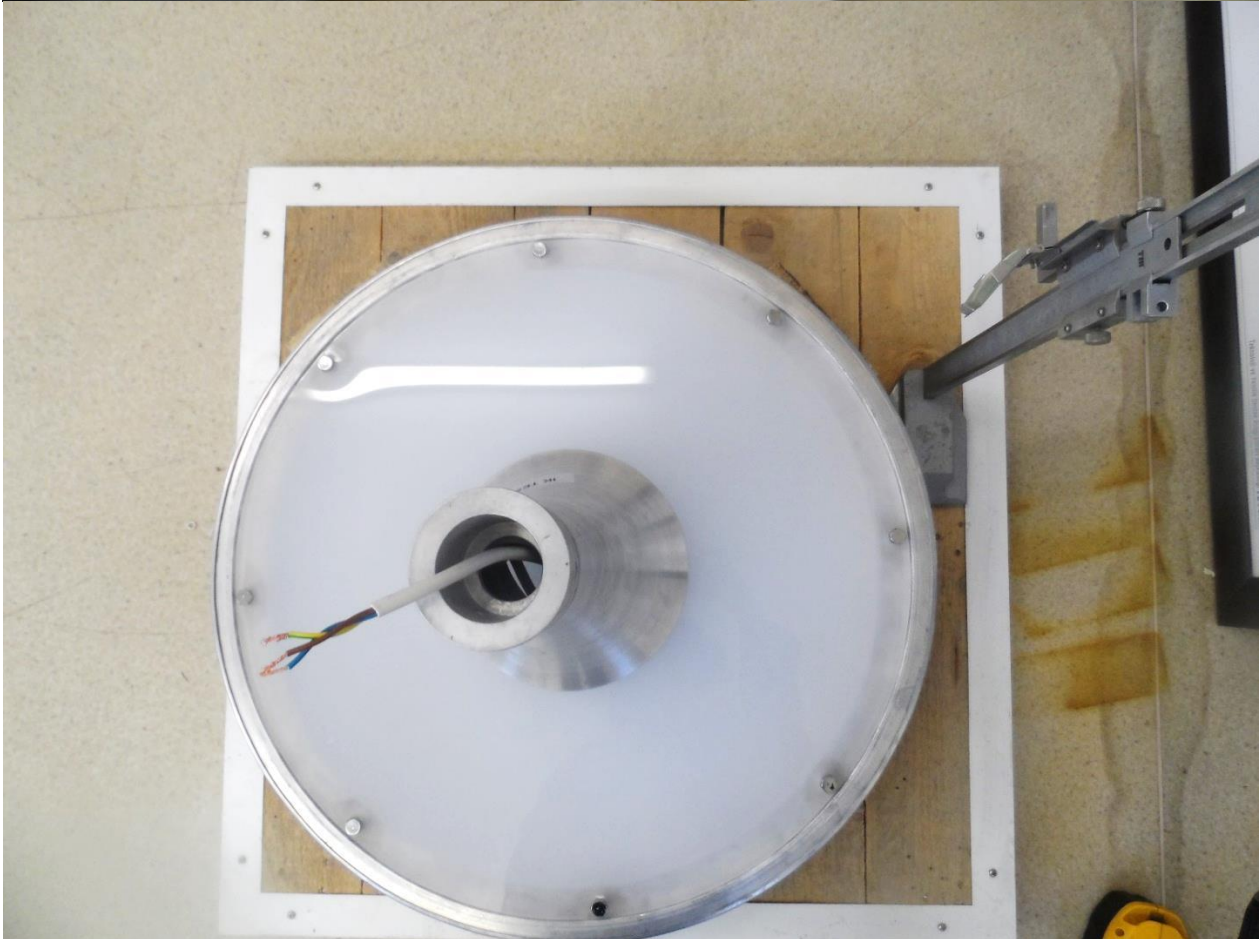


Photo 2 Product overview side view



Photograph No. 3 Product overview (after IK9 Test)



Photograph No. 3 Component of the simple

