

Report No.: 18220WC40016804S

Test Report

Applicant

Shenzhen Qianyan Technology LTD

Address

No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen

Product Name

: Govee Gaming Wall Light

Date

Apr. 09, 2024



Shenzhen Anbotek Compliance Laboratory Limited

Shenzhen Anbotek Compliance Laboratory Limited

Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





TEST REPORT IEC 60598-2-4 Luminaires Part 2: Particular requirements Section Four - Portable general purpose luminaires Report Report reference No.....: 18220WC40016804S otto Guo Compiled by Otto Guo Approved by..... Contents.....: 63 pages report Testing laboratory Name......: Shenzhen Anbotek Compliance Laboratory Limited Address 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Testing location Location 1: 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Location 2: Zone South, 1/F., Building 2, Hengchangrong High-Tech Industrial Park, Huangtian, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Applicant: Shenzhen Qianyan Technology LTD Name..... No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Address Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen Test specification IEC 60598-2-4:2017 Standard..... IEC 60598-1:2020 Test procedure: Type test Non-standard test method.....: N/A Test item Description Product name Govee Gaming Wall Light Trademark.....: Govee Model and/or type reference: H6063A, H6063B, H6063C

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Product Safety

k

Anbote

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Manufacturer	.: Shenzhen Qianyan Technology LTD
Address	: No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen
Rating(s)	.: 36VDC, 2A
k Anbotek Anbotek An	With LED adapter input 100-240VAC, 50/60Hz, 1.8A, output 36VDC, 2A

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Test item particulars	
Classification of installation and use	Portable luminaires
Protection class	
Degree of protection	IP20
Test case verdicts	And dek unbotek Andorsk Advisek A
- test case does not apply to the test object	N (N/A)
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
Testing	nbotek Anbone Anbotek Anbotek Anbotek
Date of receipt of test item	Feb. 01, 2024
Date of receipt of test item Date(s) of performance of tests	Feb. 01, 2024 to Mar. 05, 2024
This report shall not be reproduced except in The test results presented in this report relat	te only to the item tested.
The test results presented in this report relat Clause numbers between brackets refer to c "(see remark #)" refers to a remark appende "(see Annex #)" refers to an annex appended Throughout this report a point is used as the	te only to the item tested. clauses in IEC 60598-1. ed to the report. d to the report.
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Copy of marking plate(s)

Govee Gaming Wall Light Model: H6063A Rating: 36VDC, 2A With LED adapter input 100-240VAC, 50/60Hz, 1.8A, output 36VDC, 2A



No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue, Xili Community, Xili Street, Nanshan District, Shenzhen Importer: xxxxx

Address: xxxxxx

General product information

IEC 60598-2-4 Clause 4.6 (4.24.2) were tested at location 2, others were tested at location 1. All models have the similar mechanical and electrical construction, main differences among them are size, wattage and light bar quentity.

Unless otherwise specified, models H6063A were selected as representative models to perform all tests.

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Clause	Requirement - Test	Result - Remark	Verdict
Anboten	dek anborek Anbore An	otek Anbolen Anbo	upbor
4.1 (0)	SCOPE	abotek Anboten Anbo	ek - ant
4.2 (0.1)	Information for luminaire design considered:	Standard Yes 🛛 No 🗌	
4.2 (0.3)	More sections applicable	Yes 🗌 No 🖾	
(0.7.2)	Light source safety standard:	IEC 60598-1	
Anbotek	Luminaire design in the light source safety standard	nbotek Anbotek Anbotek	ek P Anb
4.4 (2)	CLASSIFICATION	Anbotek Anbotek An	
4.4 (2.2)	Type of protection	Class III	
4.4 (2.3)	Degree of protection:	IP20	
4.4 (2.4)	Portable and handheld luminaire:	Yes	
ek Anborek	Fixed luminaire suitable for normally flammable surfaces:	Yes	
potek Anbo	Fixed luminaire suitable for non- combustible materials only	No ^{mbolek} Anbolek	
4.4 (2.5)	Luminaire for normal use:	Yes	
Anboien	Luminaire for rough service:	No Anboro And	
4.5 (3)	MARKING	Anborek Anbore An	stok pi
4.5 (3.2)	Mandatory markings	Anborek Anbor An	o ^{tek} P
potek Aupo,	Position of the marking	Anbotek Anbo	P ^K
unbotek An	Format of symbols/text	K Anboiek Anboursk	Potek
4.5 (3.3)	Additional information	stek unbotek Anboro	P
nbotek	Language of instructions	English	P
4.5 (3.3.1)	Combination luminaires	Inbo tek anbotek Anbo	N/A
4.5 (3.3.2)	Nominal frequency in Hz	50/60Hz for LED adapter	P.
4.5 (3.3.3)	Operating temperature	Anbo, bek abotek	Anboton
4.5 (3.3.4)	Symbol or warning notice	Anbor All All	N/A
4.5 (3.3.5)	Wiring diagram	otek Anbors Ans hotek	N/A
4.5 (3.3.6)	Special conditions	hbotek Anbote And	N/A
4.5 (3.3.7)	Metal halid lamp luminaire – warning	anbotek Anboter Anb	N/A
4.5 (3.3.8)	Limitation for semi-luminaires	Ar anboten Ar	N/A

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Anbotek Product Safety

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Clause	Requirement - Test	Result - Remark	Verdict
Anboten	tek sporek Anbore An	otek Anboten Anbo	101 ciles
4.5 (3.3.9)	Power factor and supply current	hbotek Anbotek Anbo	ek P An
4.5 (3.3.10)	Suitability for use indoors	anbotek Anbote An	notek P
4.5 (3.3.11)	Luminaires with remote control	abotek Anbote Ar	N/A
4.5 (3.3.12)	Clip-mounted luminaire - warning	Anbotek Anbote	N/A
4.5 (3.3.13)	Specifications of protective shields	ek abotek Anbote.	N/A
4.5 (3.3.14)	Symbol for nature of supply	DC hores hores	P
4.5 (3.3.15)	Rated current of socket outlet	born An botek Anbot	N/A
4.5 (3.3.16)	Rough service luminaire	Anbols Am hotek An	N/A
4.5(3.3.17)	The mounting instructions for luminaires with type X, Y or Z attachments	Anbotek Anbotek	N/A
4.5(3.3.18)	Information of luminaires provided with a PVC non-detachable cable or cord	ek Anbotek Anbotek	N/A
4.5 (3.3.19)	Protective conductor current in instruction if applicable	potek Anbotek Anbote	N/A
4.5 (3.3.20)	Provided with information if not intended to be mounted within arm's reach	Anbotek Anbotek Ant	N/A
4.5 (3.3.21)	Non replaceable and non-user replaceable light sources information provided	Non-user replaceable light sources "caution, risk of electric shock"	Anb Per Anbote stek hotek
otek Anbor	Cautionary symbol	abotek Anboth P	N/A
4.5 (3.3.22)	Controllable luminaires, insulation	K abotek Anboten k	N/A
(3.3.23)	Luminaires without control gear provided with necessary information for selection of appropriate component	otek Anbotek Anbotek Anbotek	N/A
(3.3.24)	If not supplied with terminal block, information on the packaging	Anbotek Anboten Anth	N/A
(3.3.25)	Luminaires employing light sources emitting UV on mains wiring, information provided	Anbotek Anbotek Anbotek Anbotek	N/A
(3.3.26)	Wall mounted luminaire using external flexible cable or cord longer than 0.3 m, information provided	nbortek Anborek Anborek Anborek	N/A
4.5 (3.4)	Test of marking	Anborn An hotek An	P ^{oter} P
and the second sec		1001	

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Clause	Requirement - Test	Result - Remark	Verdict
	Inequirement - rest	Result - Remark	Veruici
Anbotek	Test with hexane	15 s Model Andrew	P
Anbotek	Legible after test	nbo otek Anbotek Anbo	Р
rek anbote	Label attached	Anbovek Anbotek Ar	P
	CONSTRUCTION	Ant Antorek Antorek	Anbo. dek
4 .6 (4) 4.6.1 (-)	Insulation cables and cords	ak hotek Ancotek	N/A
.6.2 (-)	Means of fixing wiring	te Ant hotek Anbotek	N/A
.6.3 (-)	him him him	boter And And	N/A
10	Stability Candlestick luminaires with switch	Anboten Anb	00 ^{36.}
.6.4 (-)	ak woter have	Anboten Anbo	N/A
.6.5 (-)	E5 lampholders	Anbotek Anbo	N/A
.6 (4.2)	Components replaceable without difficulty	st anbotek anbor	N/A
.6 (4.3)	Wireways smooth and free from sharp edges	potek Anbotek Anbote	P
.6 (4.4)	Lampholders	abotek Anboter Anbor	otek
.6 (4.4.1)	Integral lampholder	Ant hotek Anboten Ant	N/A
.6 (4.4.2)	Wiring connection	Ant hotek Anbotek	N/A
.6 (4.4.3)	Lampholder for end-to-end mounting	And hotek Anbotek	N/A
.6 (4.4.4)	Positioning	Ano otek unbotek	N/A
.6 (4.4.5)	Peak pulse voltage	poten Anbo tek Anbote	N/A
.6 (4.4.6)	Centre contact	inbotek Anbo stek anb	N/A
.6 (4.4.7)	Rough service luminaires	Anbotek Anbo	N/A
.6 (4.4.8)	Lamp connectors	Anbotek Anbo	N/A
.6 (4.4.9)	Caps and bases correctly used	ek anbotek Anbor-	N/A
.6 (4.5)	Starter holders	otek anbotek Anbore	
Anbotek	Starter holder in luminaires other than class II	nbotek Anbotek Anbo	N/A
Anbu	Starter holder class II construction	Anboten Anbo	N/A
.6 (4.6)	Terminal blocks	Anboten Anboundek	N/A
poter Ant	Tails poter Andorsk Andorsk Andorsk	k Anbotek Anbo	N/A
Anbotek	Unsecured blocks	otek Anbotek Anbor	N/A
.6 (4.7)	Terminals and supply connections	wotek Anbotek Anbose	ek -
.6 (4.7.1)	Contact to metal parts	notek Anbotek Anbo	N/A
.6 (4.7.2)	Location stranded wires	Anto tek nbotek Ar	N/A
por	8 mm test live conductor	Anbo	N/A

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Clause	IEC 60598-2-4 Requirement - Test	Result - Remark	Verdict
Jiause	Requirement - Test	Result - Remark	veruici
Anbotek	8 mm test earth conductor	otek unbotek Anbote	N/A
4.6 (4.7.3)	Terminals for supply conductors	photo tek Anbotek Anbo	P
.6 (4.7.3.1)	Welded connections:	Anbo tek unbotek Ar	N/A
stek onb	- stranded or solid conductor	Anboy otek Anbotek	N/A
por po	- spot welding	Anbo tek nbotek	N/A
Aupo	- welding between wires	otek Anborek nbotek	N/A
Anbo	- Type Z attachment	hotek Anbo tek poot	N/A
Anbo	- mechanical test according to 15.8.2	Anbotek Anbo tek	N/A
Anbour	- electrical test according to 15.9	anbotek Anbor At	N/A
otek Anbr	- heat test according to 15.9.2.3 and 15.9.2.4	Anbotek Anbotek	N/A
.6 (4.7.4)	Terminals other than supply connection	And And And Anbotek	Ppo
.6 (4.7.5)	Heat-resistant wiring/sleeves	poter And stek unboth	N/A
.6 (4.7.6)	Multi-pole plug	Anbotek Anboutek of	o ^{xo™} N/A
r Aupon	- test at 30 N	Anboten Anbo	N/A
.6 (4.8)	Switches:	Anborek Anbo	abovek.
inbotek Ar	- adequate rating	tek Anbotek Anbo	Poor
Anbotek	- adequate fixing	Lotek Anbotek Anbo.	Р
Anbotek	- polarized supply	otek unbotek Anbo	N/A
.6 (4.9)	Insulating lining and sleeves	Anbo stek anbotek Anb	
.6 (4.9.1)	Retainment	Anbu tek nbotek p	N/A
welt in	Method of fixing:	Anbu tek abotek	N/A
.6 (4.9.2)	Insulated linings and sleeves	ek Anbou ek abotek	ARbote
Anbo, Anbotek	Resistant to a temperature > 20 °C to the wire temperature or	otek Anborek Anbotek	N/A
Anbotek	a) & c) Insulation resistance and electric strength	Anbotek Anbotek Anb	N/A
te. Ann	b) Ageing test. Temperature (°C):	Anbote Ans wotek	N/A
.6 (4.10)	Insulation of Class II luminaires	anbote. And and	N/A
.6 (4.10.1)	No contact, mounting surface - accessible metal parts - wiring of basic insulation	otek Anbotet Anbotek	N/A
An	Safe installation fixed luminaires	nbor Al abotek Anbo	N/A
at pote	Capacitors	Anbois ak hotek Ar	N/A
notek Anb	Interference suppression capacitors according to IEC 60384-14	Anbolo Ann Anbolek	N/A

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Clause	Requirement - Test	Result - Remark	Verdict
Clause		Itesuit - Itemaik	Verdict
4.6 (4.10.2)	Assembly joints:	stotek Anbotek Anbou	- 4 - 4
Anbotek	- not coincidental	knovek Anbotek Anbo	N/A
tek anbote	- no straight access	And stek Anbotek Ar	N/A
otek ont	- degree of protection	And wotek anbotek	N/A
4.6 (4.10.3)	Retainment of insulation:	And otek Anbotek	Aupo,
And	- fixed	oten Anbo	N/A
Anbotek	- unable to be replaced; luminaire inoperative	hotek Anbotek Anbot	N/A
rek Anbote	- sleeves retained in position	Arn botek Anbotek An	N/A
otek anb	- lining in lampholder	And sotek Anbotek	N/A
4.6 (4.11)	Electrical connections	And sotek anbotek	An ^{bo}
4.6 (4.11.1)	Contact pressure	Ant Anto otek Anbotek	Poor
4.6 (4.11.2)	Screws:	nboten And stek unbot	K Ant
And	- spaced threaded screws	Amborten Ambo	o ^{xo™} N/A ∣
se Aupo	- thread-cutting screws	Anboten Anbo	N/A
potek Anbr	- earth continuity	Anbotek Anbo	N/A
Anbotek A	- at least two screws	ek Anbotek Anbo	N/A
4.6 (4.11.3)	Screw locking:	votek Anbotek Anbor	4
Anbotek	- spring washer	otek unbotek Anbo	N/A
K nbotek	- rivets	Anbo otek Anbotek Anb	N
4.6 (4.11.4)	Material of current-carrying parts	Anbo tek nbotek	nb ^{ore} P
4.6 (4.11.5)	No contact to wood	Anbo tek anbotek	Anbore
4.6 (4.11.6)	Electro-mechanical contact systems	ek Anbor kek nbotek	N/A
4.6 (4.12)	Mechanical connections and glands	potek Anbo. A. potel	Pulpo
4.6 (4.12.1)	Mechanical stress	nbotek Anbo, Ar	Nek P M
Anbor	Not made of soft metal	Anbotek Anboi Al	N/A
otek Anbor	Screws of insulating material	Anbotek Anboit A	N/A
nbotek An	Torque test: torque (Nm); part	Fixed PCB for controller screw 0.4Nm	Ann Perek
Anbu	Torque test: torque (Nm); part	oten Anboutek abotek	N/A
Anbo. tek	Torque test: torque (Nm); part	nbotek Anbor Lek nbo	🔌 N/A 📈
4.6 (4.12.2)	Screw diameter up to 3 mm	anbotek Anbo, At	N/A
4.6 (4.12.4)	Locked connections:	Anbotek Anbot At	-botek
hotek Ant	- fixed arms; torque (Nm)	botek Anbol	N/A

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Clause	Requirement - Test	Result - Remark	Verdict
Jiause		Result - Remain	Verdict
Anbotek	- lampholder; torque (Nm):	untek unbotek Anboit	N/A
Anbotek	- push-button switches; torque (Nm):	unbo otek unbotek Anbo	N/A
4.6 (4.12.5)	Screwed glands; force (N)	And stek unbotek An	N/A
4.6 (4.13)	Mechanical strength	Anbo otek unbotek	Anbo P
4.6 (4.13.1)	Impact tests:	Anbo tek Anbotek	P
Anothek	- fragile parts; energy (Nm):	LED cover: 0.35Nm	Bupo,
Anbu	- other parts; energy (Nm)	Enclosure: 0.50Nm	et Par
Anbu	1) live parts	Anbotek Anbo tek n	po ^{tek} P
ek Aupo.	2) linings	Anbotek Anbo. A.	N/A
potek Anbr	3) protection	k anbotek Anbot	Brek
Anbotek A	4) covers	tek Anbotek Anbo	Pite
4.6(4.13.2)	Metal parts enclosing live parts	stek unbotek Anboit	N/A
4.6 (4.13.3)	Straight test finger	abo stek anbotek Anbot	N/A
4.6 (4.13.4)	Rough service luminaires	Anbo tek nobotek Ant	ore
rek po	a) fixed	Anbu kek abotek	N/A
por pri	b) hand-held	Anbo, ak abotek	N/A
Anbor Ar	c) delivered with a stand	ek Anbor Ar abotek	N/A
	d) for temporary installations and suitable for mounting on a stand	potek Anborek Anborek Anbore	N/A
4.6 (4.13.6)	Tumbling barrel	Anburgetek Anborek Anb	N/A
4.6 (4.14)	Suspensions and adjusting devices	Anbo tek nootek A	nboro
4.6 (4.14.1)	Mechanical load:	Anbu tek abotek	Anboro
upo. P.	A) four times the weight	1.497kg*4=5.988kg	Poro
Anbor	B) torque 2,5 Nm	potek Anbor Ar abotek	Panto
Anboi	C) bracket arm; force (N)	unbotek Anbo' A'	rek P p
Anbois	D) load track-mounted luminaires	unbotek Anbois An	N/A
stek Anbon	E) clip-mounted luminaires, glass-shelve. Thickness (mm)	Anbotek Anbotek	N/A
nbo rek	metal rod. diameter (mm)	Anbu stek sabotek	N/A
Anbotek	Fixed luminaire or independent control gear without fixing devices	otek Anbotek Anbotek	N/A
4.6 (4.14.2)	Load to flexible cables	And hotek Anbotek Anbo	-tek -
ek Anbote	Mass (kg)	Ann hotek Anbotek An	N/A
w Her	Stress in conductors (N/mm ²):	And wet wotek	N/A

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poten pat	IEC 60598-2-4	The way of the second second	hotok
Clause	Requirement - Test	Result - Remark	Verdict
An	Mass (kg) of semi-luminaire	Lek sobotek Anboten	N/A
An	Bending moment (Nm) of semi-luminaire:	knbor Ar	N/A
4.6 (4.14.3)	Adjusting devices:	Anbor All abotek Ar	poter.
de Here	- rotating test; number of cycles	Anboy tek sobotek	N/A
upon An	- strands broken	Anboir All abotek	N/A
Anboic	- high voltage test	otek Anbor All obotek	N/A
4.6 (4.14.4)	Telescopic tubes: cords not fixed to tube; no strain on conductors	nbotek Anbotek Anbot	N/A
4.6 (4.14.5)	Guide pulleys	And otek and otek An	N/A
4.6 (4.14.6)	Strain on socket-outlets	Anbo otek Anbotek	N/A
4.6 (4.15)	Flammable materials:	Anbo otek Anbotek	Anbois
And	- glow-wire test 650 °C	ter Anbo tek Anbotek	Photo
Anbo	- spacing ≥ 30 mm	boten Anburgek Anbote	N/A
Anb	- screen withstanding test of 13.3.1	Anboten Anbo	o ^{te^k N/A 🛛}
er Aupo	- screen dimensions	Anboten Anbo	N/A
potek Anbo	- no fiercely burning material	Anbotek Anbo	P ^{ok}
Anbotek Ar	- thermal protection	ek Anbotek Anbo.	N/A
Anbotek	- electronic circuits exempted	otek Anbotek Anbor	N/A
4.6 (4.15.2)	Luminaires made of thermoplastic material	notek unbotek Anbo	A1.
K hobotek	a) construction	And otek Anbotek Anb	N/A
tek abot	b) temperature sensing control	Anbo tek nbotek P	N/A
welt and	c) surface temperature	Anbu tek anbotek	N/A
4.6 (4.16)	Luminaires for mounting on normally flamn	nable surfaces	Arboto.
Anbo	No lamp control gear	(compliance with Section 12)	N/A
4.6 (4.16.1)	Lamp control gear spacing:	Anbotek Anbo, At the	tok - An
k Auport	- spacing 35 mm	Anbotek Anbois Al	N/A
otek Anbor	- spacing 10 mm	nbotek Anbois A	N/A
4.6 (4.16.2)	Thermal protection:	ak abotek Anbore	All
abotek	- in lamp control gear	wek abotek Anbote	N/A
A. botek	- external	b. A. botek Anboter	N/A
All	- fixed position	Anbo' Al abotek Anbo	N/A
An bote	- temperature marked lamp control gear	Anborn all shotek An	N/A
4.6 (4.16.3)	Design to satisfy the test of 12.6	(see clause 12.6)	N/A

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yek an	IEC 60598-2-4	tek photo	An
Clause	Requirement - Test	Result - Remark	Verdict
4.6 (4.17)	Drain holes	nboter Anu Anbotek Anbotek	N/A
Autobotek	Clearance at least 5 mm	Anbor Ar	N/A
4.6 (4.18)	Resistance to corrosion:	Anboi Ali Ali	poter
4.6 (4.18.1)	- rust-resistance	Anboy All abotek	N/A
4.6 (4.18.2)	- season cracking in copper	tok Anboir All All	N/A
4.6 (4.18.3)	- corrosion of aluminium	ibpten Anbor All abotek	N/A
1.6 (4.19)	Ignitors compatible with ballast	inbotek Anboit At	N/A
4.6 (4.20)	Rough service vibration	unbotek Anbors An	N/A
4.6 (4.21)	Protective shield:	Anbotek Anbore At	-botek
1.6 (4.21.1)	Shield fitted	et unbotek Anbots	N/A
4.6 (4.21.2)	Particles from a shattering lamp not impair safety	bolek Anbotek Anbotek	N/A
1.6 (4.21.3)	No direct path	Anboten Anbo	N/A
4.6 (4.21.4)	Impact test on shield	Anbotek Anbo stek an	otek P
AUPO	Glow-wire test on lamp compartment	Anbotek Anbo	nbotek
.6 (4.22)	Attachments to lamps	at Anbores Anbo	N/A
4.6 (4.23)	Semi-luminaires comply Class II	otek Anbolek Anbo	N/A
4.6 (4.24)	UV radiation, metal halide lamps	Alboret Anborret Anbore	N/A
4.6 (4.24.2)	Retinal blue light hazard	Anbotek Anb	p ^{tek} P I
rek pro	Luminaires with Ethr	Anbote Ann abotek	N/A
sek p	a) Fixed luminaires	k Anboy tek a obotek	N/A
Anbotek Al	Distance x m, borderline between RG1 and RG2	olon Anborek Anborek Anborek	N/A
Anbotek	Marking and instruction	hotek Anboten Anbo	N/A
Anbotok	b) Portable and handheld luminaires	RG0	wotek P
tek Anboi	RG1 exceeded at 200 mm according to IEC/TR 62778	Anbotek Anbotek	N/A
hotek pr	Marking	stor Anboursek Anbotek	N/A
Anbotek Anbotek	Portable luminaires for children IEC 60598-2-10 and Mains socket outlet nightlights IEC 60598-2-12	hotek Anbotek Anbotek Anbotek	N/A
ak pote	RG at 200 mm according to IEC/62778	Anbore Ant botek A	N/A
4.6 (4.25)	No sharp point or edges	Andon Alle hotek	Anbotek P

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-tek an	IEC 60598-2-4	An stek suboten	Ano
Clause	Requirement - Test	Result - Remark	Verdict
Anbe	Contortek Anbore Alle Alle	oten Anbo tek nootel	k pabo
4.6 (4.26)	Short-circuit protection:		Nek Pi
4.6 (4.26.1)	Uninsulated accessible SELV parts	Anboten Antur Anbotek A	N/A
4.6 (4.26.2)	Short-circuit test	Anbovetek Anbovek	N/A
4.6 (4.26.3)	Test chain according to IEC 61032	Anbotek Anbotek	N/A
4.6 (4.27)	Terminal blocks with integrated screwless e according Annex V	earthing contacts tested	N/A
Anbore	Pull test of terminal fixing (20 N)	Anbotek Anbois All	N/A
ek Anboro	After test, resistance < 0,05 Ω	Anbotek Anbots At	N/A
potek Anb	Pull test of mechanical connection (50 N)	Anbotek Anbois	N/A
Anbotek A	After test, resistance < 0,05 Ω	tek Anbotek Anbot	N/A
anbotek	Voltage drop test, resistance < 0,05 Ω	notek Anbotek Anbot	N/A
4.6 (4.28)	Fixing of thermal sensing control	notek Anbotek Anbo	N/A
K hnbotel	External to lamp control gear	Anbo otek Anbotek An	N/A
stek unbo	Plug-in or easily replaceable type	Anto otek unbotek	N/A
-tek	Adhesive fixing	Anbo stek anbotek	N/A
And stek	Positioning	an Anbo stek Anbotek	N/A
Anbo	Temperature (°C)	totek Anbo	N/A
Anboursek	100 cycles between t min and t max	unboten Anbo tek nit	N/A
otek Anbo	Temperature sensing control still in position	Anborek Anborek	N/A
4.6 (4.29)	Luminaires with non-replaceable light source	ak Anbotek Anbotek	N/A
Anbore	Replacement not possible	optek Anbore And	N/A
Anbote	Live part not accessible	abotek Anbote And	N/A
Anboten	Breaking of the luminaire or its parts	abotek Anbote, And	N/A
tek Anbot	Removal of parts	An abotek Anboten A	N/A
botek An	Compliance with test probe	All botek Anboten	N/A
hotek	Access to live parts	All botek Anboten	N/A
l.6 (4.30)	Luminaires with non-user replaceable light source	die Antotek Anbotek Anbotel	P ^{nb}
Anbore	Protective cover	abotek Anbote Ano	ofek P
ek Anborr	Fixing means	A anbotek Anbote A	N/A
otek ont	Cautionary symbol	An notek unboten	N/A

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Clause	Requirement - Test	Result - Remark	Verdict
	Requirement - lest	Result - Remark	Verdici
4.6 (4.31)	Insulation between circuits	otek Anbotek Anbote	N/A
- Anbotek	Transformer or control gears	the otek unbotek Anbo	N/A
tek anboth	Insulation between circuits	Anbo hotek Anbotek Ar	N/A
Net Mar	otek Anbor An hotek Anbote.	Anu tek obotek	Anbo
upo, pr.	Circuits insulated from LV supply	Anbo, An botek	N/A
Anbore	Insulation provided	tek Anbore An-	N/A
Anboten	Controllable luminaires	potek Anboten Anu	N/A
Anboten	Control terminals	botek Anboten Anbo	N/A
ek Anbote	Insulation	Anthe Anboten An	N/A
stek anb	Control gear U-OUT	Ann otek unbotek	N/A
4.6 (4.31.1)	SELV or PELV circuits	Anbo stek Anbotek	P
Ano	Used SELV/PELV source	and Anbo otek unbotek	P ^{loon}
Anbo	Voltage ≤ ELV	poter Anbo otek Anbote	K P Anb
anbotek Anbotek	Insulating of SELV/PELV circuits from LV supply	Anbotek Anbotek Ant	otek P r
potek Anbo	Insulating of SELV/PELV circuits from other non SELV/PELV circuits	Anbotek Anbotek	N/A
Anbotek A	Insulating of SELV/PELV circuits from FELV	k Anboiek Anbotek	N/A
Anbotek	Insulating of SELV/PELV circuits from other SELV/PELV circuits	Anbotek Anbotek Anbois	N/A
otek Anboi	SELV/PELV circuits insulated from accessible parts according Table X.1	Anbotek Anbotek A	nbotelP
Anbotek An	Plugs not able to make any electrical contact with socket-outlets of other voltage systems	Anbotek Anbotek	N/A
Anbotek	Socket outlets does not admit plugs of other voltage systems	nbotek Anbotek Anbotek	N/A
tek Anbor	Plugs and socket-outlets does not have protective conductor contact	Anbotek Anbotek A	N/A
4.6 (4.31.2)	FELV circuits	And otek unbotek	N/A
npr h	Source	Anbo otek Anbotek	N/A
Anbu	Insulation between circuits	ret Anburgetek anbotek	N/A
Anbor	Plug and socket outlet	botek Anbou pi	N/A M
4.6 (4.31.3)	Other circuits	unbotet Anbolis All	N/A
tek Anboth		botet Anbote An	N/A

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Clause	Destuinement [®] Test	Deput Demerk	Verdiet
Clause	Requirement - Test	Result - Remark	Verdict
An	Equipotential bonding	vek pootek Anboten	N/A
All	All conductive part connected	tek obotek Anbo	N/A
ek pir	Resistance < 0,5 Ω	Anboir Ali	N/A
botek Anb	Insulation fault: accessible part cause electric shock	Anbotek Anbotek	N/A
Anbotek P	Master/slave applications	ek Anbotek Anbo	N/A
4.6 (4.32)	Overvoltage protective devices	otek Anbotek Anbot	N/A
Anbotek	External to lamp control gear, connected to earth	Anbotek Anbotek Anbo	N/A
potek Anbc	Fixed luminaires connected to a protective earth	Anbolat Andotek	N/A
4.6 (4.33)	Luminaire powered via information technolo	bgy communication cabling	N/A
abotek	Requirements for Class III luminaire	tek obotek Anbote	N/A
k Anbotek	Rated voltage within the range of ES1 and does not exceed maximum voltage of used connector	Anbotek Anbotek Anbot	N/A
Lak Ant	Luminaire does not create any hazard	(see Annex 2)	N/A
	from overvoltage	Anboren Ly Ann hotek	Anboten
1.6 (4.34)	Electromagnetic fields (EMF)	ek Anboit An	Roote
Anbotek Anbotek Anbotek	No harmful electromagnetic fields	The submitted samples were LED-light-source technology, they were found to comply with the requirement of IEC 62493:2015 without test.	h P Ant
1.6 (4.35)	Protection against moving fan blades	Anbotek Anbourtek	N/A
nbotek An	Test with a standard test finger	k Anbotek Anbo	N/A
Anbotek	Test with test probe acc. To Figure 13 (IEC 61032) for portable luminaire	otek Anbotek Anbotek	N/A
Annotek	Blades rounded with radius ≥ 0.5 mm and:	Anboren Anbrantek Anbr	N/A 🕨
AMP	-hardness less than D60 Shore	Anboten And stek	N/A
ter And	-peripheral speed less than 15 m/s	Anboter Anbo otek	N/A
1.6 (4.36)	Track-mounted luminaires	k Anboten Anbo	N/A
Anbotek	Test in accordance with Annex A of IEC60570:2003/AMD2:2019	tek Anbotek Anbotek	N/A
1.6 (4.36)	Track-mounted luminaires	boto Ano otek Anbo	N/A
4.6.1 (-)	Insulation not damaged when placing on support	Anbotek Anbotek Ar	N/A
4.6.2 (-)	Wiring fixed, to avoid rubbing	stek subote	N/A

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-tek	IEC 60598-2-4	An stek suboten	And
Clause	Requirement - Test	Result - Remark	Verdict
4.6.3 (-)	Stability (6°)	oter And Anbotek Anbotek	N/A
1.6.4 (-)	Candlestick luminaires with switch	Anbolek Anbole An-	N/A
4.6.5 (-)	E5 lampholders	Anbolok Anboi A	N/A
botek An	al hotek Anbote And	K Anborok Anbo	hotek
l.7 (11)	CREEPAGE DISTANCES AND CLEARAN	ICES Anbotek Anbote	Ante
1.7 (11.2)	Creepage distances and clearances:	See Table 4.7 (11.2)	ek An
k hot	Working voltage (V)	36VDC for light	
Aun	Rated pulse voltage (kV)	Anboten And	
onbotek An	Voltage form	Sinusoidal [] Non-sinusoidal [$$]	
anbotek	PTI Anotek Anbotek Anbotek	< 600 [√] ≥ 600 []	
Anbotek	Impulse withstand category (Normal category II) (Category III Annex U)	category II	otek P
.8 (7)	PROVISION FOR EARTHING	Anborek Anborek	anbotek otek
4.8 (7.2.1 + 7.2.3)	Accessible metal parts	ek Anbotek Anboteh	N/A
Anbois	Metal parts in contact with supporting surface	potek Anbotek Anbote	N/A
k Anbotet	Resistance < 0,5 Ω	Anbotek Anbotek Ant	N/A
stek Anbo	Self-tapping screws used	Antek Anbotek	N/A
wotek A	Thread-forming screws	k hotek Anbotek	N/A
nº wotek	Thread-forming screw used in a grove	k sotek Anbotek	N/A
Anu	Earth makes contact first	ote, And wotek Anbote	N/A
	Terminal blocks with integrated screwless earthing contacts tested according Annex V	Anbotek Anbotek Anb	N/A N
ter prob	Built-in control gear	Anborer Anb hotek	N/A
8 (7.2.2 · 7.2.3)	Earth continuity in joints, etc.	Anbotek Anbotek	N/A
.8 (7.2.4)	Locking of clamping means	stek nbotek Anboten	N/A
pubotek	Compliance with 4.7.3	nbor pr	N/A
10	Terminal blocks with integrated screwless	anbon An	N/A

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	Dequirement Test	Deput Bemark	Vardiat
Clause	Requirement - Test	Result - Remark	Verdict
4.8 (7.2.5)	Earth terminal integral part of connector socket	nbotek Anbotek Anbotek Anbote	N/A
4.8 (7.2.6)	Earth terminal adjacent to mains terminals	Anboron Anno Anno	o ^{ster} N/A
4.8 (7.2.7)	Electrolytic corrosion of the earth terminal	Anboren Anbo	N/A
4.8 (7.2.8)	Material of earth terminal	Anbotes Anbo	N/A
Anboten A	Contact surface bare metal	tek Anboten Anbo	N/A
4.8 (7.2.10)	Class II luminaire for looping-in	hotek Anbotek Anbo	N/A
Anbotek botek	Double or reinforced insulation to functional earth	Anbotek Anbotek Anbo	N/A
4.8 (7.2.11)	Earthing core coloured green-yellow	Anbota k hotek	N/A
bouon Purp	Length of earth conductor	Anboton Anthone K	N/A
4.8 (7.2.10)	Class II luminaire for looping-in	ek Anboren Amb	N/A
4.8 (7.2.11)	Earthing core coloured green-yellow	botek Anbotes Anbo	N/A
Anborer	Length of earth conductor	botek Anboter Anbo	N/A
1.9 (7.2.12)	PELV circuit connected to protective earth for functional purpose	Anbotek Anbotek An	N/A
4.9 (14)	SCREW TERMINALS	Anbor An Anborek	photen
4.3 (14)	work prov m welt root	ek Aupo kek aupotek	N/A
Aupor	Separately approved; component list Part of the luminaire	potek photo At above	N/A
Anbor		Anbotek Anboi Ali	N/A
4.9 (15)	SCREWLESS TERMINALS	Anboren Anbore All	botek_
otek Anboi	Separately approved; component list	Anborek Anbore	N/A
woter an	Part of the luminaire	k Anbotek Anbote	N/A
Inv	nobo, pr. ok pote, Anu	watek Anbo	p.,
4 10 (5)	EXTERNAL AND INTERNAL WIRING	poter And	and
4.10 (5)	EXTERNAL AND INTERNAL WIRING	obotek Anbotek Anbote	tek
4.10 (5.2)	Supply connection and external wiring	LED adapter)
4.10 (5.2) 4.10 (5.2.1)	Supply connection and external wiring Means of connection	LED adapter	100 10 10 10
4.10 (5.2)	Supply connection and external wiring Means of connection: Type of cable:	LED adapter	Propo P ^K
4.10 (5.2) 4.10 (5.2.1)	Supply connection and external wiring Means of connection	LED adapter	P N/A
4.10 (5.2) 4.10 (5.2.1) 4.10 (5.2.2)	Supply connection and external wiring Means of connection: Type of cable: Nominal cross-sectional area (mm ²): Cables equal to IEC 60227 or IEC 60245	LED adapter	P N/A N/A
4.10 (5.2) 4.10 (5.2.1) 4.10 (5.2.2) 4.10 (5.2.3)	Supply connection and external wiring Means of connection: Type of cable: Nominal cross-sectional area (mm ²): Cables equal to IEC 60227 or IEC 60245 Type of attachment, X, Y or Z	LED adapter	P N/A N/A N/A
4.10 (5.2) 4.10 (5.2.1) 4.10 (5.2.2)	Supply connection and external wiring Means of connection: Type of cable: Nominal cross-sectional area (mm ²): Cables equal to IEC 60227 or IEC 60245	LED adapter	P N/A N/A

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aboter And	IEC 60598-2-4	And And	otok
Clause	Requirement - Test	Result - Remark	Verdict
Anthotek	- adequate degree of protection	stek unbotek Anbote	N/A
4.10 (5.2.7)	Cable entries through rigid material have rounded edges	Anborek Anborek Anb	N/A
4.10 (5.2.8)	Insulating bushings:	Anborek Anbo	nbotek
botek Anbi	- suitably fixed	Anbores Anbo	N/A
Anbotek A	- material in bushings	rek Anbotek Anbo	N/A
Anbotek	- material not likely to deteriorate	Lotek Anbotek Anbo	N/A
Anbotek hotek	- tubes or guards made of insulating material	Anbotek Anbotek Anbo	N/A
4.10 (5.2.9)	Locking of bushings	Anboten Anto botek	N/A
4.10 (5.2.10)	Cord anchorage:	Anboten Anton	Antorek
Anboren Ar	- covering protected from abrasion	ek Anboten Anbo	N/A
Anboten	- clear how to be effective	potek Anbolen Anb	N/A
Anborer	- no mechanical or thermal stress	botek Anboter Anbo	N/A
ak Anboten	- no tying of cables into knots etc.	Anbotek Anboter An	N/A
otek Anbot	- insulating material or lining	An botek Anbotek	N/A
4.10 (5.2.10.1)	Cord anchorage for type X attachment:	ek Anbotek Anbotek	Anbote
Anbore	a) at least one part fixed	potek Anbort Ant	N/A
Anbore	b) types of cable	abotek Anbote Ant	N/A
k Anbore.	c) no damaging of the cable	a botek Anbote An	N/A
otek Anbote	d) whole cable can be mounted	abotek Anbote	N/A
botek Ant	e) no touching of clamping screws	k botek Anboten	N/A
hotek I	f) metal screw not directly on cable	Ar hotek Anboten	N/A
Ann hotek	g) replacement without special tool	ore Ann hotek Anbote	N/A
Annotek	Glands not used as anchorage	inbore Ant botek Anb	N/A 🖻
k Lote	Labyrinth type anchorages	Anbote K Ant Lotek	N/A
4.10 (5.2.10.2)	Adequate cord anchorage for type Y and type Z attachment	Anbotek Anbotek	N/A
4.10 (5.2.10.3)	Tests: Annotes Annotes Annotes Annotes	otek Anbotek Anbotei	N/A
Anbor	- impossible to push cable; unsafe	nbotek Anbor Alle bo	🔌 N/A 📈
Anbore	- pull test: 25 times; pull (N)	Anbotek Anbott Ano	N/A
tek Anboier	- torque test: torque (Nm)	nbotek Anboten A	N/A
wotek anbo	- displacement ≤ 2 mm	hotek Anboier	N/A

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hotek pot	IEC 60598-2-4	thotak Anboi	p
Clause	Requirement - Test	Result - Remark	Verdict
(5.2.10.4)	Luminaire with/designed for use with supply c 2A:	cord with maximum current of	N/A
Anbor Anbore	- Ordinary Class III luminaire supplied with SELV	Anbotek Anbotek A	N/A
hbotek Anb	- Ordinary Class III luminaire supplied with PELV 12V RMS/30V DC	Anbotek Anbotek	N/A
Anbolan A	- Other than ordinary Class III luminaire supplied with voltage 12V RMS/30V DC	tek Anbola Anto	N/A
p. botek	Pull test of 30N	bor An Anborek Anbo	N/A
ok hotel	- no movement of conductors	Anborn An hotek An	N/A
ok pro	- no damage of cable or cord	Anborn ok botek	N/A
4.10 (5.2.11)	External wiring passing into luminaire	Anbolis An hotek	N/A
4.10 (5.2.12)	Looping-in terminals	ek Anbola Ant	N/A
4.10 (5.2.13)	Wire ends not tinned	potek Anboron Anbo	N/A
Anboret	Wire ends tinned: no cold flow	botek Anboten Anbo	N/A
4.10 (5.2.14)	Mains plug same protection	Ant hotek Anbotek An	N/A
otek Anbo	Class III luminaire plug	And hotek Anbotek	N/A
otek pr	No unsafe compatibility	Anothek Anbotek	N/A
4.10 (5.2.15)	Colour code low voltage	Ano otek unbotek	N/A
4.10 (5.2.16)	Appliance inlets (IEC 60320)	poren Anbo otek Anbore	N/A
Anbo	Installation couplers (IEC 61535)	unbotek Anbo tek ant	N/A
Y Anbo	Other appliance inlet or connector	Anbotek Anbo	N/A
oter Aupor	Relevant IEC standard	Anbotek Anboi vek	N/A
4.10 (5.2.17)	No standardized interconnecting cables properly assembled	K Anbotek Anbotek	N/A
4.10 (5.2.18)	Used plug in accordance with	porer Ambu otek Anbote	N/A
And	- IEC 60083	inbores Anos otek inb	N/A 🖻
And	- other standard	Anbotek Anbo	N/A
4.10 (5.3)	Internal wiring	Anboten Anbourtek	a abotek
4.10 (5.3.1)	Internal wiring of suitable size and type	Anboten Anbo	Botek
Anbotek	Through wiring	otek Anbotek Anbote ek	N/A
Anbotek	- not delivered/ mounting instruction	otek unbotek Anbore	N/A
anbotek	- factory assembled	nbu hanbotek Anbe	N/A
ek spote	- socket outlet loaded (A)	Anbo her abotek Ar	N/A
	- temperatures	Anboy An wotek	N/A

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0	Destringent Test	Desult Dements	Vanto
Clause	Requirement - Test	Result - Remark	Verdict
An	Green-yellow for earth only	atek unbotek Anbote	N/A
4.10 (5.3.1.1)	Internal wiring connected directly to fixed w	iring	N/A
ek potel	Cross-sectional area (mm²)	Anboutek Anbotek A	N/A
stek sob	Insulation thickness	Anbo stek unbotek	N/A
po yek	Extra insulation added where necessary	Anbu stek anbotek	N/A
1.10 (5.3.1.2)	Internal wiring connected to fixed wiring via device	internal current-limiting	N/A
Anboten botek	Adequate cross-sectional area and insulation thickness	Anbotek Anbotek Anb	N/A
.10 (5.3.1.3)	Double or reinforced insulation for class II	Anbort All hotek	N/A
.10 (5.3.1.4)	Conductors without insulation	Anbort Am Lotek	N/A
1.10 (5.3.1.5)	SELV current-carrying parts	ek Anbole Ante Lotek	Pho
4.10 (5.3.1.6)	Insulation thickness other than PVC or rubber	potek Anbotek Anbo	N/A
4.10 (5.3.2)	Sharp edges etc.	Anbo kek sobotek An	poter -
with whot	No moving parts of switches etc.	Anbo' An Abotek	Inpote P
low bu	Joints, raising/lowering devices	Anborn An hotek	N/A
Anbois An	Telescopic tubes etc.	ak Anbois An botek	N/A
Anbore	No twisting over 360 ⁰	potek Anboro Am	P P
4.10 (5.3.3)	Insulating bushings:	abotek Anbote An	_{se} × N/A
k Aupore.	- suitable fixed	Anbotek Anbote An	N/A
otek Anbott	- material in bushings	abotek Anbote	N/A
botek Ant	- material not likely to deteriorate	k botek Anboten	N/A
hotek	- cables with protective sheath	ak hotek Anboten	N/A
4.10 (5.3.4)	Joints and junctions effectively insulated	ore Ant hotek Anbote	N/A
4.10 (5.3.5)	Strain on internal wiring	inbore And hotek Ant	N/A
4.10 (5.3.6)	Wire carriers	Anboten Ano otek	N/A
4.10 (5.3.7)	Wire ends not tinned	Anboter Anbo	N/A
nboten Anb	Wire ends tinned: no cold flow	Anboten Anbo	Bote
		cr	ano
4.11 (8)	PROTECTION AGAINST ELECTRIC SHO		
4.11 (8.2.1)	Live parts not accessible	abotek Anbotek Anb	494
	Basic insulated parts not used on the outer surface without appropriate protection	Antotek Anbotek A	Anbotek

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Clause	Requirement - Test	Result - Remark	Verdict
Clause	Requirement - Test	Result - Remark	verdict
Anbotek Anbotek	Basic insulated parts not accessible with standard test finger on portable, settable and adjustable luminaires	potek Anbotek Anbotek Anb	otek P Ant
hbotek Anbote	Basic insulated parts not accessible with Ø 50 mm probe from outside, other types of luminaires	el Anbotek Anbotek Anbotek	N/A
Anbotek Anbotek	Lamp and starterholders in portable and adjustable luminaires comply with double or reinforced insulation requirements	ociek Anbotek Anbotek Anbotek	N/A
Anbolistek	Basic insulation only accessible under lamp or starter replacement	Anbotek Anbotek An	N/A
stek subc	Protection in any position	Anb ^b tek nbotek	Anbor P
bo. bu	Double-ended tungsten filament lamp	Anboy tek anbotek	N/A
Anbon A	Insulation lacquer not reliable	olek Anbor An abotek	N/A
Anborek	Double-ended high pressure discharge lamp	Anbotek Anbotek Anbo	N/A
ek Anbotek	Relevant warning according to 3.2.18 fitted to the luminaire	Anbotek Anbotek An	N/A
4.11 (8.2.2)	Portable luminaire adjusted in most unfavourable position	k Anborek Anborek	AnbPek
4.11 (8.2.3.a)	Class II luminaire:	tek abotek Anboten	N/A
Anbotek Anbotek	- basic insulated metal parts not accessible during starter or lamp replacement	nbotek Anbotek Anbot	N/A
jotek Anbot	- basic insulation not accessible other than during starter or lamp replacement	Anbotek Anbotek	N/A
Anboten An	- glass protective shields not used as supplementary insulation	tok Anboren Anborek	N/A
4.11 (8.2.3.b)	BC lampholder of metal in class I luminaires shall be earthed	nbotek Anbotek Anbote	N/A
4.11 (8.2.3.c)	Class III luminaires with exposed SELV pa	arts: motel Andre A	N/A
otek Anbor	Ordinary luminaire:	Anbotek Anbois	N/A
nbotek Ant	- touch current	et unbotek Anbots	N/A
anbotek	- no-load voltage	tek nbotek Anbote	N/A
abotek	Other than ordinary luminaire:	be. P. Anbotek Anbote	N/A
abotek	- nominal voltage	Anbor Anborek Anb	N/A
4.11 (8.2.3.d)	PELV circuits with exposed current carryin	ng parts:	N/A
prov	Ordinary luminaire:	Anbor Ant stek	N/A

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	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
Anbore	And stek subored Aribo	otek Anboit Ann tek	- nbo
	- voltage under load/ no-load AC (V)	botek Anboten Anbo	N/A
Anbotek	- voltage under load/ no-load DC (V)	Anbotek Anbotek Anbo	N/A
No. Anu	Other than ordinary luminaire:	Anbore Ann wotek	N/A
nbotes Ar	- voltage under load/ no-load AC (V)	Anboten Anbo	N/A
Anbotek	- voltage under load/ no-load DC (V)	tek Anbotek Anbotek	N/A
All botek	One pole insulated if required	too' A' botek Anbo	N/A
4.11 (8.2.4)	Portable luminaire have protection independent of supporting surface	Anborek Anborek An	poter P
4.11 (8.2.5)	Compliance with the standard test finger or relevant probe	Anbotek Anbotek	Anbotek
4.11 (8.2.6)	Covers reliably secured	tek Anboutek	Room
4.11 (8.2.7)	Discharging of capacitors $\ge 0.5 \ \mu F$	potek Anboi Lek abot	N/A
ek Anbor	Portable plug connected luminaire with capacitor	Anbotek Anbotek An	N/A
potek Ant	Other plug connected luminaire with capacitor	Antotek Antotek	N/A
Auporo	Discharge device on or within capacitor	ak Anbota Ann Ann	N/A
Anboren	Discharge device mounted separately	botek Anboren Anbo	N/A
4.11.1 (-)	Class I luminaire with bayonet lampholder:	botek Anbotes Anbo	tek -
K Anbore	- cap not accessible with test finger©	hotek Anbotek Ant	N/A
dek nab	- metal lampholder is earthed	part otek nabotek l	N/A

4.12 (12)	ENDURANCE TEST AND THERMAL TES	Tek Anbotek Anbo	- hote
4.12 (-)	If IP > IP 20 relevant test of (12.4), (12.5) a (9.3) specified in 4.13	nd (12.6) after (9.2) before	rek Anb
4.12 (12.3)	Endurance test:	Anboten Anbo	Notek P P
poten Anbo	- mounting-position:	(see Annex 2)	
anbotek Ant	- test temperature (°C)	50°C	
Anbotek	- total duration (h)	240 h	
Anbotek	- supply voltage: Un factor; calculated voltage (V):	264VAC	
And	- lamp used	LED	
4.12 (12.3.2)	After endurance test:	Anboten Anboutek	

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Anbotek Product Safety

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Clause	Requirement - Test	Result - Remark	Verdict
Anboro	notek Anbores Anbo	otek Anbort Ann botek	n nbo
Anbote	- no part unserviceable	botek Anbote Anu	Р
Anboten	- luminaire not unsafe	botek Anboten Anb	Р
tek Anbote	- no damage to track system	An botek Anboten An	N/A
dak hat	- marking legible	Ant sotek Anbotek	Р
nt stek	- no cracks, deformation etc.	And otek Anbotek	Р
4.12 (12.4)	Thermal test (normal operation)	(see Annex 2)	B.1001
4.12 (12.5)	Thermal test (abnormal operation)	boten Anbo	PAR PAR
4.12 (-)	Overturned position	Anbotek Anbo tek n	N/A
4.12 (12.6)	Thermal test (failed lamp control gear condi	ition):	abotek.
4.12 (12.6.1)	- case of abnormal conditions	Anbotek Anbots	N/A
anbotek A	- electronic lamp control gear	ek sobotek Anboth	N/A
Anbotek	- measured winding temperature (°C): at 1,1 Un	potek Anbotek Anbote	N/A
Anbovek Anbovek	- measured mounting surface temperature (°C): at 1,1 Un	Anbotek Anbotek Anb	N/A
potek Anbo	- calculated mounting surface temperature (°C)	Anbotek Anbotek	N/A
Anbore Ar	- track-mounted luminaires	ok Anbole And hotek	N/A
4.12 (12.6.2)	Temperature sensing control	potek Anborton Ann ote	- unb
Anboren	- thermal link	botek Anboten Anbo	N/A
K Anbore	- manual reset cut-out	hotek Anboten Anb	N/A
otek Anbot	- auto reset cut-out	And hotek Anbotek A	N/A
Inbotek Ant	- measured mounting surface temperature (°C):	K Anbotek Anbotek	N/A
Anborer	- track-mounted luminaires	otek Anbote And Lotek	N/A
4.12 (12.7)	Thermal test (failed lamp control gear in pla	astic luminaires):	10K - No
4.12 (12.7.1)	Luminaire without temperature sensing con	trol protect product product	N/A
4.12 (12.7.1.1)	Luminaire with fluorescent lamp ≤ 70W	Anbotek Anborek Al	N/A
upor har	Test method 12.7.1.1 or Annex W :	Anbore Ant hotek	
Anboro	Test according to 12.7.1.1:	otek Anborn Ann wotek	N/A
Anboter	- case of abnormal conditions:	abotek Anbote Anu	
Anboten	- Ballast failure at supply voltage (V) :	abotek Anboter Anbo	
iek Anbote	- Components retained in place after the test	Anbotek Anbotek An	N/A

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NOTEK AS	IEC 60598-2-4	hotek Anboir	p.
Clause	Requirement - Test	Result - Remark	Verdict
Anbotek	- Test with standard test finger after the test	oto And Anbotek Anbotek Anbotek	N/A
k pribo	Test according to Annex W:	Anborek Anbo	N/A
K AUP	- case of abnormal conditions	Anboten Anb	
hote An	- measured winding temperature (°C): at 1,1 Un	Anborek Anborek	
Anbotek	- measured temperature of fixing point/exposed part (°C): at 1,1 Un	abotek Anbotek Anbote	
ek Anbotr	 calculated temperature of fixing point/exposed part (°C) 	Anbotek Anbotek An	—
ootek Ant	Ball-pressure test	See Table 4.15 (13.2.1)	N/A
4.12 (12.7.1.2)	Luminaire with discharge lamp, fluorescent 10 VA	lamp > 70W, transformer >	N/A
Anbor	- case of abnormal conditions	potek Anbor Ar.	
Anbor Anbore	- measured winding temperature (°C): at 1,1 Un	Anbotek Anbotek Ant	—
potek Anb	- measured temperature of fixing point/exposed part (°C): at 1,1 Un	Anbotek Anbotek	
Anbote, A	- calculated temperature of fixing point/exposed part (°C)	ek Anbotek Anbotek	
ph. abotek	Ball-pressure test	See Table 4.15 (13.2.1)	N/A
4.12 (12.7.1.3)	Luminaire with short circuit proof transformers ≤ 10 VA	Anbotek Anbotek Anb	N/A
wotek A	- case of abnormal conditions	And hotek Anbotek	
Anbotek	- Components retained in place after the test	otek Anbotek Anbotek	N/A
Anbote	- Test with standard test finger after the test	knbotek Anbotek Anbo	N/A N/A
4.12 (12.7.2)	Luminaire with temperature sensing contro	Anbo tek nbotek Ar	N/A
yek	- thermal link	Yes 🗌 No 🗌	
hoo. h	- manual reset cut-out	Yes 🗌 No 🗌	
Anbo	- auto reset cut-out	Yes 🔲 No 🗌	
Anbo	- case of abnormal conditions	abotek Anbo tek abo	
ek Anbo	- highest measured temperature of fixing point/ exposed part (°C):	Anbotek Anbotek An	
stek an	Ball-pressure test:	See Table 4.15 (13.2.1)	N/A

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botek pr	IEC 60598-2-4	botek Anbore	An
Clause	Requirement - Test	Result - Remark	Verdict
Anbo	- abatek Anbore Anti-	poter Anbo tek potek	pupo
4.12 (-)	Test overturned position (overturns < 15°)	Anborek Anborr Ar.	N/A
4.13 (9)	RESISTANCE TO DUST, SOLID OBJECT	S AND MOISTURE	poter P
4.13 (-)	If IP > IP 20 the order of tests as specified	in clause 4.12	Anbotek
4.13 (9.2)	Tests for ingress of dust, solid objects and	moisture:	Antotek
Anboten	- classification according to IP	IP20	-nbot
Anboten	- mounting position during test::	Normal installation	ek - 46
Anbotek	- fixing screws tightened; torque (Nm):	0.4*2/3Nm	Nek
ek Anbote	- tests according to clauses:	Clauses 9.2.0	der.
otek Ant	- electric strength	An hotek Anbotek	And Pek
hotek	a) no deposit in dust-proof luminaire	An hotek Anbotek	N/A
Annotek	b) no talcum in dust-tight luminaire	And wotek Anbotek	N/A
Anu	c) no trace of water on live parts	poter Ant anbot	N/A
anu Anbote	d) no accumulation of water in waterproof luminaire	Anbotek Anbotek An	N/A
otek Anb	e) no water in watertight luminaire	All abotek Anbote	N/A
botek P	f) no contact with live parts (IP 2X)	ak botek Anboten	An ^b P ote
Anbotek	f) no entry into enclosure (IP 3X and IP 4X)	potek Anbotek Anbotek	N/A
Anbort	f) no contact with live parts (IP3X and IP4X)	Anbotek Anbotek Ant	N/A
otek Anbo	g) no trace of water on part of lamp requiring protection from splashing water	Anbotek Anbotek	N/A
Inbotek Ar	h) no damage of protective shield or glass envelope	k Anbotek Anbotek	N/A
4.13 (9.3)	Humidity test 48 h	Humidity: 93% Temperature: 25°C	Panbi

4.14 (10)	INSULATION RESISTANCE AND ELECTRIC STRENGTH			
4.14 (10.2.1)	Insulation resistance test	Class III	botek	Anbore
Anbon An	Cable or cord covered by metal foil or replaced by a metal rod of mm \emptyset :	tek Anbotek	Anbotek	N/A
Anbotek	Insulation resistance ($M\Omega$):	potek Anbotel	k Auport	Р
K Anboten	SELV/PELV:	An Lotek And	oten Anbo	
	- between current-carrying parts of different polarity:	100ΜΩ		botek

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-sek	IEC 60598-2-4	Ar stek suboten	Ant
Clause	Requirement - Test	Result - Remark	Verdict
Anbe	sobotek Anbore Alle sotek Alle	oten Anbe tek nootek	p.nbo
Anbortek	- between current-carrying parts and mounting surface	100ΜΩ	ICH P
	- between current-carrying parts and metal parts of the luminaire:	Anbotek Anbotek A	N/A
nbotek Ar	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts :	Anbotek Anbotek eek Anbotek Anbotek	N/A
Anbotek	- Insulation bushings as described in Section 5	botek Anbotek Anbot	N/A
Anbois	Other than SELV/PELV:	anbotek Anbour Al	otek
tek Anbot	- between live parts of different polarity:	100MΩ with LED adapter	P
hotek An	- between live parts and mounting surface	100M Ω with LED adapter	Anborek
Anbor	- between live parts and metal parts :	tek Anbor Ak botek	N/A
Anbon	- between live parts of different polarity through action of a switch	100M Ω with LED adapter	K P Ant
ek Anborr	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts	Anbotek Anbotek An Anbotek Anbotek Anbotek	N/A
Anborek	- Insulation bushings as described in Section 5	ek Anbortek Anbortek	N/A
4.14 (10.2.2)	Electric strength test:	bo hak abotek Anbot	Pur
k hote	Class of protection:	Class III	P P
Pur	Dummy lamp	Anbors Ann wotek	N/A
pore Ann	Luminaires with ignitors after 24 h test	Anboten Anto stek	N/A
anboten P	Luminaires with manual ignitors	ak Anboter Anbo	N/A
anbotek	Test voltage (V):	otek Anbotek Anbo	
nbotek	SELV/PELV:	otek unbotek Anbo	
k Anbotel	- between current carrying parts of different polarity	500V	PA
botek Anbi	- between current carrying parts and mounting surface:	500V	AnboPK
Anbotek	- between current-carrying parts and metal parts of the luminaire	otek Anbotek Anbotek	N/A
Anboten Anbotek	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts	Inbotek Anbotek Anbo Anbotek Anbotek Anbo	N/A

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Clause	Requirement - Test	Result - Remark	Verdict
Anboter 1	the shore Annor Ann	otek Anboten Anbo	
Anbotek	- Insulation bushings as described in Section 5	Inbotek Anbotek Anbo	N/A
Anbo	Other than SELV/PELV:	Anboret Anbo stek	potek
ten Aupor	- between live parts of different polarity:	Anboten Anboutek	N/A
nbotek Anbi	- between live parts and mounting surface	2960V with LED adapter	Anborek
Anbotek	- between live parts of different polarity through action of a switch	2960V with LED adapter	P ^{ibol}
ek Anbotek	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts	Anbotek Anbotek Anbotek Anbotek Anbotek	N/A
Anbotek Ar	- Insulation bushings as described in Section 5	tek Anbotek Anbotek	N/A
4.14 (10.3.1)	Touch current or protective conductor current (mA)	0.04mA	N P Anto

4.15 (13)	RESISTANCE TO HEAT, FIRE AND TRACKING			
4.15 (13.2.1)	Ball-pressure test	See Test Table 4.15 (13.2.1)	N/A	
4.15 (13.3.1)	Needle-flame test (10 s)	See Test Table 4.15 (13.3.1)	N/A	
4.15 (13.3.2)	Glow-wire test (650°C)	See Test Table 4.15 (13.3.2)	Р	
4.15 (13.4.1)	Proof tracking test (IEC 60112)	por his abotek Anbore	N/A	
at botek	- part tested	Anboy ek abotek Anb	N/A	

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atek pat	IEC 60598-2-4	Anv
lause	Requirement - Test Result - Remark	Verdict
Anbo	Anbotek Anbote Ann Anbotek Anbotek Anbotek Anbotek Anbotek	Anbore
Anthotek	EN IEC 60598_1 ATTACHMENT	ien Anb
Clause	Requirement + Test Result - Remark	Verdict
And	ATTACHMENT TO TEST REPORT	Anbotek
Anbotek Anb	IEC 60598-1 EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES Luminaires	Anbotek
Differences a	according to : EN IEC 60598-1: A11: 2022	ak Anbo
TRF templat	e used : EN IEC 60598-1:2021 Ed. 1.1	potek A
Attachment	Form No EU_GD_IEC 60598_1	Anboten
Attachment	Originator: Anbotek	Anbubotek
Master Attac	hment : 2023-02-16	k Anbo
Anboren	CENELEC COMMON MODIFICATIONS (EN)	Net N
4 Anboten	CONSTRUCTION	P Nek P
4.11.6	Following completion of these test, add the following test: the test voltage however being reduced to 1500V	Anboten Anboten
5tek	EXTERNAL AND INTERNAL WIRING	P
5.2.2	Replace "IEC 60227 (all parts) and IEC 60245 (all parts), by EN 50525 (all parts), and delete paragraph 2.	P An
ek abot	Replace table 5.1 – by the following new table	nbore P
12	ENDURANCE TESTS AND THERMAL TESTS	P
12.4.2c	Thermal test (normal operation) see footnote c to table 12.2 relating to unsleeved fixed wiring	AnbP
Anbu- Anbotek	In table 12.2 footnote add the following: -after European installation standards (HD 60364 all parts) and (HD 384 all parts)	tek Pant
	-after European cable standard (EN 50525 all parts)	Anboten
ZB	Addition of Annex ZB, Special national conditions and Annex ZC	Anboi P

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-tek	IEC 60598-2-4	stek pabore I	Inc
Clause	Requirement - Test Res	sult - Remark	Verdict
Aupo	notek Anbore And nok abotek	Anbo h hotek	Anboro
Anboten	EN IEC 60598_1 ATTACHMI	ENT Anbote And	4
Clause	Requirement + Test	Result - Remark	Verdict
ek Anbot	Denmark: supply cords of class I luminaires which are delivered without a plug, shall be provided with a visible tag with the following text		N/A
3.3 Anbotek	Vigtigt ! Lederen med grøn/gul isolation må kun tilsluttes en klemme mærket	Anbotek Anbotek Anbotek Anbotek	Ante Anbotek Anbo
Ant Anborr		Anbotek Anbotek Anbo	tek Al
5.2.18	Denmark	Anbort Air hotek	N/A
Anbotek Anbotek	Socket-outlets intended for providing power to othe appliances shall be in compliance with SD 60884-2 D1:2017		N/A
5.2.1	Cyprus	Helt Anbo, At too	N/A
k Anbor otek Anb	Domestic luminaites intended for connection to a standard United Kingdom 13A socket must be prefitted with an approved plug complying with BS 1363	Anborek Anborek An Anborek Anborek An	N/A
Anbotek Anbotek	Cord sets for domestic luminaires for connection with an appliance inlet must be pre-fitted with an approved plug complying with BS 1363 Plug must be fitted with the correct fuse	ek Anbotek Anbotek Anbotek Anbotek	N/A
Aupo	Denmark	bolek Anbo tek ant	N/A
her And	Supply cords on single-phase portable luminaires having a rated current not exceeding 13A	Arpotek Anborak	N/A
Anbotek	For luminaires having an aooliance inlet, the plug on the supply cord shall comply with te above requirements	Anbotek Anbotek	N/A
ek Anborek	If multi-phase luminaires and single-phase luminaires having a rated current exceeding 13A are provided with a supply cord with a plug, the plu shall comply with the following table or EN 60309.		N/A
poten Pr	Finland	Anboret Anbo	N/A
Anbotek Anbotek Anbotek	For luminaires provided with non-detachable flexible calbles and cords and a plug, the plug sha comply with the requirements of SFS 5610 and EN 50075, the Standard sheets to be applied being as follows	Anbo L Lotel	N/A

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	IEC 60598-2-4		
Clause	Requirement - Test Res	ult - Remark	Verdict
Anboit	Antek Anbore Ante ok borek	Anbon k potek	anbore
Anboten	EN IEC 60598_1 ATTACHME	INT Anboten Ano tel	
Clause	Requirement + Test	Result - Remark	Verdict
Annex ZC	A-deviation : National deviation due to regulations, the alteration of which is for the time being outside the competence of the CEN-CENELEC national memner.	nbotek Anbotek Anbotek A	Anbotek
Anbois obotek	This European Standard falls under Directive 2014/35/EU	Anborek Anborek	P

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Anbotek Product Safety

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		PIL	EC 60598	8-2-4				
Clause	Requirement - Tes	st	otek	Anbote R	esult - Re	emark	nbotek	Verdict
Anbo	abotek Anbot	· · · K	hotok	Anbote	k Ant	-tek	h. npote	K pabo
4.7 (11.2)	TABLES: Creepage		- Kelk	40.0	otek	Anbo,	P	ener P
Du.	Minimum distances	- 0V		-V	W0.	PA1		P
	ng voltage (V) not exce	eding	50	150	250	500	750	1000
	distances	abotet	An		ote	Y- 05	boir	Pitt
	asic insulation, $PTI \ge 60$	00	0,6	0,8	1,5	3	4	5,5
Measured	Anbore. Ann	*ek	bolek	pr <u>bo</u> r	^{per}	wotott	Anbote	- 1 00
	asic insulation, PTI < 60	00	1,2	1,6	2,5	5	8	10
Measured	otek unboten l	uno-	2.0	A 4	npo''	P.1.	× ×	ipoter
- 125	upplementary insulatior	n PTI ≥ 600	-	0,8	1,5	3	4	5,5
Measured	Ant otek Anbotek	Anbo	- Mar	botok	ATHONE	P.M	-otek	Antostek
Required supplementary insulation PTI < 600			-	1,6	2,5	5	8	10
Measured	And stek And	otek Ar	bor ak	Pri	10H P	hoter .	And	ek val
Required re	einforced insulation		-	3,2	5	6	8	11
Measured	otek Anbo	abotek	Anbore	P3	hotek	Anbote	Pr	o ^v
Clearance	Spoter Anbo	n abotek	Pup	ore	Anthotek	Ant	otek	Anbo
Required b	asic insulation		0,2	0,8	1,5	3	4	5,5
Measured	Anborek Anbo	ek	2.0	Anboro	Ann	otett-	Anustek	trupo.
Required s	upplementary insulatior	ו	-	0,8	1,5	3	4	5,5
Measured	stek unbotek Ar	ibo.	pri aborely	pin	0 ⁰¹⁰¹	Ann		potek I
Required re	einforced insulation		-	1,6	3	6	8	11
Measured	nb. stek snbotek	Aupo.	Nr.	notek-	Arthoter	PUD	-1 0 1-	anbotek
Table 11.2	Minimum distances	s (mm) for	non-sin	usoidal	pulse vol	tages	noverek	abote
Rated puls	e voltage (peak kV)	2,0	2,5	3,0	4,0	5,0	6,0	8,0
Required c	learances	1,0	1,5	2	3	4	5,5	8
Measured	Hen Anbo Lek	>1.0	Propose	Pri.	worket.	Antooter	Ant	
Rated pulse voltage (peak kV) 10		12	15	20	25	30	40	
Required c	learances	11	14	18	25	33	40	60
Measured	Anbotek Anbo		otek	Anbore	Por	otok	Anbotek	bupo.
Rated puls	e voltage (peak kV)	50	60	80	100	-	-	-
Required c	learances	75	90	130	170	-	-	-
Measured	k -otek	onbo'	bu.	× ×	aboter	Ano	N	-otek

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		IEC	60598-2-4		
Clause	Requiremen	t - Test	Result - Ren	nark	Verdict
Anbo	p	Anboren Ann	tek Anbotek Anbo	at spotek	Puppor
3.15 (13.2.1)	TABLE: Ball P	ressure Test of The	ermoplastics		N/A
Allowed in	mpression diam	eter (mm)	obotek Anboto	Ann hotek Anb	° —
Object/ Pa	rt No./ Material	Manufacturer/ trademark	Test temperature (°C)	Impression diam	eter (mm
- abotek	Anbore Ar	botek Anboten	Anbo	ek Anbore	Annote
- botek	Anbore	protek Anbot	et Anbo	odiek Anbore	Pur
Suppleme	ntary information:	And stek on	potek Anbour An	abotek Anbote	AUD

3.15 (13.3.1)	TABLE	: Needle-flame test (IE0	C 60695-11-5)	Anbotek A	nbotek Ant	N/A
Object/ Pa Material	art No./	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
tet an	poter	unbu tek unbotek	Anbore An	-otek Anbo	lek Aupo	10×
- tek	anbotek	Anboy esk abotek	Anbotes	unu otek ar	botek Anb	- at
Suppleme	ntary info	prmation:	tek Anboten	And	Anbotek P	nbor

An-	stek Anborek Anbotek	Anbort An-	potek Anboten	Anbo
3.15 (13.3.2) TABL	E: Glow-wire test (IEC 60695-2-1	1) Anbo		P Ant
Glow wire temper	rature	O°C	Anbor Ar	
Object/ Part No./ Material	Manufacturer/ trademark	Ignitio specified Yes/I	d layer burning (tb)	
LED cover	See the annex 1	No Mo	0 And otek	Pass
Plastic enclosure for light	See the annex 1	No	unbotek Anbote	Pass
Plastic enclosure for controller	See the annex 1	No	Ant Ock Ant	Pass
LED PCB	See the annex 1	No pote	0	Pass
Any flame or glowi wire, and any burn	ng of the sample extinguished with ing or molten drop did not ignite th	nin 30 s of withdraw ne underlying parts	ing the glow- (Yes/No)	Anbotel
Supplementary inf	ormation:	Anbotek A	nbo. tek nbotel	k Aupo

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etek r	anbotek Anbota An	IEC 60598-2-4	Anbo stek anbotek	Anboit
Clause	Requirement - Test	Ans Lotek Anbote	Result - Remark	Verdict
100 ¹⁰	Pulle in otok	0000	telt book have	

3.15 (13.4)	TABLE: Proof tracking test (IEC 60112)						
Test voltag	ge PTI		175 V	nbotek	Anbore	Pro-	
Object/ Part No./ Material Manufacturer/ trademark			Withstand 50 three places of	Verdict			
-Anbu	hobotek	hote hote	Anboten	Anbo	-10K-	npotek	Auporo
Supplemen	tary information	Anbore Ann	stek anbote	AN AN	-ek	botek	Aupo

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de Her		Anbor An	EC 60598-2-	4 And tek		upo, bi
Clause	Requirement - Test		stek unb	Result - Remai	rk botek	Verdict
Anbore	del	L unboren An	py r	botek Anbore	Allek	unborol.
ANNEX 1 TA	BLE: Cr	itical components inf	ormation			Botek
Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Housing black	в	BASF SE	Ultramid A3X2G5	V-0, min 1,5mm	IEC 60695-11- 10	VDE
Transparent light window	В	LG Chem (Guangzhou) Engineering Plastics Co Ltd	LUPOY GN5001RF (T)	PC, V-0, 80°C min 1,5mm	UL94	UL E248280
Plastic enclosure	Kelk B	Covestro Deutschland AG [PC Resins]	2407 + (z)(f1)	PC, V-2 115°C, Min. Thinckness 0.75mm	UL 94	UL E41613
LED adapter (EU) for all model	B Anborek B An	SHENZHEN LINKSOONER TECHNOLOGY CO., LTD	YXT072EU -3602000	Input: 200- 240VAC, 50/60Hz, 1.5A Output: 36VDC, 2A, 72W, PF≥0.9, ta:40°C, tc:75°C, for LED modules only SELV	EN 61347-1 EN 61347-2- 13	CE produk
LED adapter (UK) for all model	B	SHENZHEN LINKSOONER TECHNOLOGY CO., LTD	YXT072UK -3602000	Input: 200-240V, 50/60Hz, 1.5A Output: 36VDC, 2A, 72W ta:40°C, tc:75°C PF≥0.9, for LED modules only SELV	BS EN 61347- 1 BS EN 61347- 2-13	UKCA
PCB Anborek	Bab	Shenzhen Huaqiu Electronics Co., Ltd.	HQPCB- 4(ASP1)	Multilayer printed wiring boards V-0, 130°C, Complied with UL796.	UL 796	UL E469747
_ED type	n potek B	Shenzhen Smalite Semiconductor Co., Ltd	TOP SL- C2LM35- AM	6500K, 2.8- 3.4VDC, 30mA	IEC TR 62778	Tested with appliance

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Anbotek Product Safety

A B

С

D

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20 F	abotek I	inbore An	IEC 60598	3-2-4	Anduratek	nbotek	Anboit	
Clause	Requirement - Test		Ant Lotek Anbore		Result - Remark		Verdict	
Anbo	rek	hupoten	Ano	botek	Aupor	p." etel	4 anbor	

Supplementary information:

15) Provided evidence ensures the agreed level of compliance. See OD-CB2039.

The codes above have the following meaning:

- The component is replaceable with another one, also certified, with equivalent characteristics
- The component is replaceable if authorised by the test house
- Integrated component tested together with the appliance
- Alternative component

License available upon request.

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de Har	oten Anbo	hot	EC 60598-2	-4 Ant	Hek	nbotek	Anbo
Clause	Requirement - Te	st	otek An	Result	- Remark	anbotek	Verdict
ANNEX 2	temperature me	asurement	s. thermal	tests of Se	ection 12	Anbotek	Aupo
botek	Type reference	No. 1			100	K Anbe	
ek potel	Lamp used				de Her	otek A	
no print	Ballast used	- Andre		.: LED :	adapter	botek	
pore An-	Lev.	n of luminaire			al use	botek	
Anbore A	Supply wattage (en Mun		105	VAnbore	Allebotek	
Anbore	Supply current (A	.: 0.188	A Anbote	L			
Anbote Anbotek	Calculated power factor:				for LED ada y	apter	
stek nobo	Table: measured	temperatur	es correcte	d for Ta=40)°C:	nbotek	Anbo
	- abnormal operating mode:				LED driver output was shorted circuit, output shutdown immediately, the temperature rise of components are lower than temperature rise of components at normal heating test.		
ek a	- test 1: rated vol	tage	ek pobo	ren pri	sek h	abotek	
Anbotek A	- test 2: 1,06 time 1,05 times rated				240VAC*1.06=254.4VAC		
Anbotek K shotek	- test 3: Load on 1,06 times voltag			: Anbotek	Anbotek Anbotek An		
otek Anbott	- test 4: 1,1 times 1,05 times rated			Anbor	Anborek Anborek		
unbotek Ant	Through wiring o by a current of A			ed .:	Anbotek	Anborek	
temperature (°	C) of part	clause 12.4 –		4 – normal			e 12.5 – ormal
		test 1	test 2	test 3	limits	test 4	Limit
otek Anbote	And	anbotek	Anbor	k pri	otek Ant	poter P	nu
Tc for LED adap	oter	abote	58.9	- Pur	75	hoten	And wek
nput wire for Ll	ED adapter	ek nob	49.3	port p	Ref.	Anbetek	PUPP
ED adapter ou	Itput wire	pri l	42.7	Anbore-	80	Anbotek	-Pupo,
Input wire for L	ED module	por p	50.2	Anboten	80	4 - wabe	tek - An
Controller surfa	ce	Anbor	47.6	Anpoter	Ref.		botek
LED PCB	ok hotek	Anbote	56.8	K - nbr	130	No. P	botek
LED module	All All	boter	64.9		Ref.	1001	Priv

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botek Anbo	ak hot	EC 60598-2-4	4 Anu	stek h	abotek	Anbo.
Requirement ·	- Test	otek Anb	Result -	Remark	abotek	Verdict
r" set	nboren Ant	d'e	hotek	Anbo	Pri atel	- n000
	tootek P	46.5	torek	80	PUD0	- 4st
Anbou	hotok	43.9	Ann- otek	80	Aupr	
ak Anbon	A worek	47.2	And	90	lek - A	ipon -
ace	Ann	48.6	- Aupo	90	-otek	Anbolo
		Requirement - Test	Requirement - Test 46.5 43.9 47.2	46.5 43.9 47.2	Requirement - Test Result - Remark 46.5 80 43.9 80 47.2 90	Requirement - Test Result - Remark 46.5 80 43.9 80 47.2 90

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		IEC 60598-2-4			
Clause	Requirement - Test	And stek unboth	Result - Remark	botek	Verdict

ANNEX 3	screw terminals (part of the luminaire)		N/A Anto
(14)	SCREW TERMINALS	Anboren Anos	N/A
(14.2)	Type of terminal:	Anboren Anno Antek	
nboten Anb	Rated current (A):	Anboter Anb stek	
(14.3.2.1)	One or more conductors	stek Anboten Anbo	N/A
(14.3.2.2)	Special preparation	hotek Anboten Anbo	N/A
(14.3.2.3)	Terminal size	n hotek Anbotek Anbo	N/A
tek anbotek	Cross-sectional area (mm ²):	Anto otek Anbotek Ar	N/A
(14.3.3)	Conductor space (mm):	And otek Anbotek	N/A
(14.4)	Mechanical tests	And otek unbotek	N/A
(14.4.1)	Minimum distance	ten Anbo	N/A
(14.4.2)	Cannot slip out	boten Anboutek abot	N/A N/A
(14.4.3)	Special preparation	Anbotek Anboutek and	o ^{ve^NN/A}
(14.4.4)	Nominal diameter of thread (metric ISO thread):	Anbotek Anbotek	N/A
witek pr	External wiring	And wotek Anbotek	N/A
And	No soft metal	en Anburgtek Anbotek	N/A
(14.4.5)	Corrosion	poter And otek unboth	N/A
(14.4.6)	Nominal diameter of thread (mm):	Anboten Anbo	o ^{rek} N/A M
st Pupo	Torque (Nm):	Anboten Anbo	N/A
(14.4.7)	Between metal surfaces	Anbotek Anbo	N/A
anbotek Ant	Lug terminal	anbotek Anbo	N/A
Anbotek	Mantle terminal	otek anbotek Anbore	N/A
Anbotek	Pull test; pull (N)	stek snbotek Anbot	N/A
(14.4.8)	Without undue damage	And sk botek And	N/A

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	IEC 60598-2-	4 And stek anbotek	
Clause	Requirement - Test	Result - Remark	Verdict
Anbu	Anbotek Anbote Ant	inbotek Anbotek Anbotel	Anbo
ANNEX 4	screwless terminals (part of the lumin	aire)	ret pr
(15)	SCREWLESS TERMINALS	Anboten Anos otek	potek
(15.2)	Type of terminal	Anboten And	
poter And	Rated current (A)	tet Anboter And	
(15.3.1)	Material	batek Anboten Anbo	N/A
(15.3.2)	Clamping	hotek Anboten Anbo	N/A
(15.3.3)	Stop	portek Anbotek Anbo	N/A
(15.3.4)	Unprepared conductors	Arth Lotek Anbotek Ar	N/A
(15.3.5)	Pressure on insulating material	And sotek Anbotek	N/A
(15.3.6)	Clear connection method	And atek unbotek	N/A
(15.3.7)	Clamping independently	bolen Anborek Anborek	N/A
(15.3.8)	Fixed in position	Alboten Anbo stek noot	N/A
(15.3.10)	Conductor size	Anbotek Anbo	N/A
an Aupo	Type of conductor	Anbotek Anbo	N/A
(15.5.1)	Terminals internal wiring	ek anbotek Anbo	N/A
(15.5.1.1)	Pull test spring-type terminals (4 N, 4 samples)	polek Anbotek Anbotek	N/A
(15.5.1.2)	Pull test pin or tab terminals (4 N, 4 samples)	Anpotek Anbotek Anbote	N/A
k Anboren	Insertion force not exceeding 50 N	Ant hotek Anboten Ant	N/A
(15.5.2)	Permanent connections: pull-off test (20 N)	Anbotek Anbotek	N/A
(15.6)	Electrical tests	potek Anbotan Anb	ATHONEY
Anboton	Voltage drop (mV) after 1 h (4 samples)	obotek Anboier And	N/A
Anboron	Voltage drop of two inseparable joints	and Anboren Anboren Anbo	N/A
Anboren	Number of cycles	hotek Anboren Anb	N/A
stek Anbote	Voltage drop (mV) after 10th alt. 25th cycle (4 samples)	k Anbotek Anbotek A	N/A
hotek p	Voltage drop (mV) after 50th alt. 100th cycle (4 samples)	otek Anborek Anborek	N/A
Anbotek	After ageing, voltage drop (mV) after 10t alt. 25th cycle (4 samples)		N/A
tek Anbotek	After ageing, voltage drop (mV) after 50t alt. 100th cycle (4 samples)		N/A
(15.7)	Terminals external wiring	And otek unbotek	N/A

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				,iE	C 6059	8-2-4					
Clause	Red	quirement -	Test	Pur	rek.	Anbote	Result - R	emark	nbotek	Ve	erdict
Anbo	P	otek p	nboton	Aun	Map	600	otek pr	100°	P	e ^k	Anbor
Anbore	Ter	rminal size	and rat	ing 📈	100 rok	(here)	potek	Anboro	Pur	Her I	N/A
(15.8.1)		ll test sprin samples); p		erminals	Anbor	e¥	Anbotek	Anbote	otek Ar	Anbotel	N/A
obotek Anb		ll test pin o ll (N)	r tab te	rminals (4 samp	les);	Anbore	ek l	Inbotek	Anto	N/A
(15.9)	Co	ntact resist	ance te	st sabot	ek	Aupon	alt priv	otek	Anboten	1	N/A
hotek	Vo	Itage drop	(mV) af	ter 1 h	potek	Aupr	K PD	Lotek	Anbor	1	N/A
terminal	<u> </u>	1	2	3	4	5	6	7	8	9	10
voltage drop (r	mV)	unboten.	Pup.	- Kou		s)-	Anbo	b.,	tek.	anboter	Ĺ
Ver Bups	Jek I	Voltage dro	p of two	o insepa	rable joi	ints	Anboten	p.c.b.	stek	nbot	6H
horse Aup			et.	10th alt. 25th cycle		P	k Aupo		potet		
Anborok A	100	Max. Allow	LOX	1007	-	P.0 P	ek ant	otek	pribo.	14 Pr.	
terminal 1		1	2	3	4	5	6	7	8	9	10
voltage drop (r	mV)	n	a nboi	314	nbo	V	hotek	Anbore	Þr	-tek	
ek Anborek	١	Voltage dro	p after	50th alt.	100th c	ycle	P.C.F. Potek	Anbo	rek l	HUPO.	ele p
otek anbo	lek [Max. Allow	ed volta	ge drop	(mV)		: And wote	4 55	potek	P ~ ~ ~	
terminal		1	2	3	4	5	6	7	8	9	10
voltage drop (r	mV)	te Pit	e k		otek	Anbo	Po.	4000	nbote		NUP.
All the set	100	Continued a	ageing:	voltage	drop aft	er 10t	n alt. 25th c	vcle	p.	otet	Anbo
Arbor		Max. Allow	1001				1970	Pupor	ek pi	abo	
terminal		1	2	3	4	5	6	7	8	9	10
voltage drop (r	m\/)	· · · · · · · · · · · · · · · · · · ·	~	unio u		otek	Antbore	bu			oten
	<u> </u>	Continued	adeina.	voltage	dron aff	er 50tl	n alt. 100th	cvcle	Anboro	PLUP	notek
aborek	100	Max. Allow			101	01 001		Cycle	Anboter	1	Inv
torminal		~ <u>~</u>	201		101			7	•	191	
terminal		1	2	3	4	5	6	7	8	9	10
voltage drop (r	mV)	- notek	anb	2	P.C.	No.	poter	AUD		hotel	

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Abotek.	Attachment 1: Test report o	100 ⁵⁰ 10 ⁵⁰	Harow	
Clause	Requirement – Test	Result - Remark	Verdict	
4	GENERAL REQUIREMENTS	A	Pup-	
4.4 Anbo	Integral modules tested assembled in the luminaire	Anbotek Anbotek Anbo	P	
4.5	Independent modules complies with requirements in IEC 60598-1	Anbore Ane Anborek Anbr	N/A	
5	GENERAL TEST REQUIREMENTS	etek nbor A	Anborok	
5.5 Anbo	SELV-operated LED modules comply with Annex I of IEC 61347-2-13	(see Annex 1)	N/A	
ek an	General conditions for tests in Annex A	(see Annex A)	P	
	hotek Anbor hu tek anbote	And k hotek Anbo	1	
6	CLASSIFICATION		,oto	
Anbo,	Built-in module	N	—	
Aupor	Independent module	- wo		
	Integral module	.: Yes 🖾 No 🗌		
k Ant	For Integral module; Note to 1.2.1 in IEC 60598-1 applies.	Anbotek Anbote Anb	e —	
7	MARKING			
botek	Requirements not applicable to the evaluated	product.		
An	k anboter And And And	k sotek Anboten	Pupo	
3	TERMINALS		- 0 000	
Anu	Screw terminals according section 14 of IEC 6	0598-1:	N/A	
pter P	Separately approved; component list	(see Annex 2)	N/A	
nboten	Part of the luminaire	(see Annex 3)	N/A	
Anbotek	Screwless terminals according section 15 of IE	C 60598-1:	N/A	
nbotel	Separately approved; component list	(see Annex 2)	N/A	
sup ^c	Part of the luminaire	(see Annex 4)	N/A	
	Connectors according IEC 60838-2-2:	Anbointek Anbointek Anboin	N/A	
ek a		(see Annex 2)	N/A	
rek N	Separately approved; component list	NOTE NOT		
9 (9)	Separately approved; component list PROVISION FOR PROTECTIVE EARTHING	Anbore Ann otek	N/A	
) (9)	Alt otek anboiek Anbo ok obotek	Anbore Antonio Anto	N/A	
ə (9) 10 (10)	PROVISION FOR PROTECTIVE EARTHING	product.	N/A 	

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Ask.	Attachment 1: Test report of	IEC 62031	. A
Clause	Requirement – Test	Result - Remark	Verdict
Aupo	stek subort Att shote	Anbo tak	Anbor
11 (11)	MOISTURE RESISTANCE AND INSULATION		npol
	After storage 48 h at 91-95% relative humidity a insulation resistance with d.c. 500 V (M Ω):	and 20-30 °C measuring of	P
- ok	For basic insulation $\ge 2 \ M\Omega$: 100MΩ	Р
00'	For double or reinforced insulation $\ge 4 \text{ M}\Omega$	Anbor An botek Ar	N/A
Anborek	Between primary and secondary circuits in controlgear providing SELV, values in Annex L in IEC 61347-1	Anborek Anbotek	N/A
Anbo	k wotek Anbote And	abotek Anbo. At wotek	An
12 (12)	ELECTRIC STRENGTH		×
potek p	Immediately after clause 11 electric strength test for 1 min	Anbotek Anbotek An	otekP
Anbo' wek	Basic insulation for SELV, test voltage 500 V	Anbo' Al abotek	Aupob
Anbois	Working voltage \leq 50 V, test voltage 500 V	tok Anboir An abotek	N/A
Anbor	Working voltage > 50 V \leq 1000 V, test voltage (V): ^{alt} M ^{boo} t At Abotat	N/A
K Anbr	Basic insulation, 2U + 1000 V	inbotek Anbor At abot	N/A
otek p	Supplementary insulation, 2U + 1000 V	unbotek Anbois Al	N/A
abotek	Double or reinforced insulation, 4U + 2000 V	nbotek Anbore An	N/A
abotek	No flashover or breakdown	et nbotek Anbore	Pre
Anbotek Anbo	Solid or thin sheet insulation for double or reinforced insulation fulfil the requirements in Annex N in IEC 61347-1	botek Anbotek Anbotek Anbotek	N/A
13 (14)	FAULT CONDITIONS	Ar hoter And	N ^{ek}
(14)	When operated under fault conditions the control	olgear:	N/A
Anbotet	- does not emit flames or molten material	at Anbores Anbo otek	N/A
Anboter	- does not produce flammable gases	offek Anboter Anbo	N/A
Anbot	- protection against accidental contact not impaired	Anbotek Anbotek Anbotek	N/A
botek	Thermally protected controlgear does not exceed the marked temperature value	Anbotek Anbotek Anbo	N/A
Anbotek Anbotek	Fault conditions: capacitors, resistors or inductors without proof of compliance with relevant specifications have been short- circuited or disconnected	(see appended table)	N/A

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10°. b	A HOTON AND STOR	D AND D AND AND	2010
Clause	Requirement – Test	Result - Remark	Verdic
· (14.1)	Short-circuit of creepage distances and clearances if less than specified in clause 16 in Part 1 (except between live parts and accessible metal parts)	(see appended table)	N/A
potek Ar	Creepage distances on printed boards less than specified in clause 16 in Part 1 provided with coating according to IEC 60664-3	Anbotek Anbotek Anbotek Anbo	N/A
· (14.2)	Short-circuit or interruption of semiconductor devices	(see appended table)	N/A
(14.3)	Short-circuit across insulation consisting of lacquer, enamel or textile	(see appended table)	N/A
(14.4)	Short-circuit across electrolytic capacitors	(see appended table)	N/A
(14.5)	After the tests has been carried out on three san	nples:	N/A
Aupor	The insulation resistance \geq 1 M Ω :	Anboy Lek abotek	N/A
Anbois	No flammable gases	anboy All abotek	N/A
Anboro	No accessible parts have become live	otek Anbore Antotek	N/A
otek Ant	During the tests, a five-layer tissue paper, where the test specimen is wrapped, does not ignite	Anbotek Anbotek Anbotek Anbot	N/A
(14.6)	Relevant fault condition tests with high-power supply	Anborek Anborek	N/A
13.2	Overpower condition	tek abotek Anboten k	P
Anbote	Module withstands overpower condition >15 min.	nbotek Anbotek Anbotek	Р
stek Anb	Module with automatic protective device or power limiter, test performed 15 min. at limit.	Anbotek Anbotek Anb	N/A
nu otek	No fire, smoke or flammable gas is produced	And otek Anbotek	P No
Anbotek	Molten material does not ignite tissue paper, spread below the module	Anbotek Anbotek Anbotek	AntP
15	CONSTRUCTION	"ek "po, b",	P
botek A	Wood, cotton, silk, paper and similar fibrous material not used as insulation	Anborek Anborek Anbr	P hotek
Lotek	Anboter Anbo	L Lotek Anbore A	el workel
16 (16)	CREEPAGE DISTANCES AND CLEARANCES	05 AV	Anu
(16) Anbolek	Creepage and distances and clearances in compliance with IEC 61347-1	botek Anbotek Anbotek	P
or to	Insulating lining of metallic enclosures	tek aboten Anu	× P

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Clause	Requirement – Test	Result - Remark	Verdict
Anbote	And stek Anborek Anbos At thotel	Anbote Ant stek	Anborek
Anboten	Basic insulation on printed boards tested according to clause 14	tek Anboten Anbo	Phot
tek Anbo	Distances subjected to both sinusoidal voltage as non-sinusoidal pulses not less than value in Table 16	Anbotek Anbotek Anbotek Anbotek	P An ok
Anbotek	Creepage distances not less than minimum clearance	Anbotek Anbotek Ar	P P
16 (-)	Conductive accessible parts in compliance with applicable parts of IEC 60598-1	ek Anbotek Anbo	N/A
	And	ibo, briev	P.M
17 (17)	SCREWS, CURRENT-CARRYING PARTS AND	CONNECTIONS	× ,
botek An	Screws, current-carrying parts and connections (clause numbers between parentheses refer to I		Р
An0-		And	Anbo
18 (18)	RESISTANCE TO HEAT, FIRE AND TRACKING	70-	Anbote
- (18.1)	Ball-pressure test	See Test Table 18 (18.1)	N/A
- (18.3)	Glow-wire test (650°C):	See Test Table 18 (18.3)	N/A
- (18.4)	Needle-flame test (10 s):	See Test Table 18 (18.4)	N/A
- (18.5)	Proof tracking test:	See Test Table 18 (18.5)	N/A
19 (19)	RESISTANCE TO CORROSION	M	Any
Anbore	- test according 4.18.1 of IEC 60598-1	otek Anbote Anu stek	N/A
anbote	- adequate varnish on the outer surface	Lotek Anbotek Anbo	N/A
of Har	otek Anboi	And when Anboy	P
20	INFORMATION FOR LUMINAIRE DESIGN		N/A
	Information in Annex D (informative)	Anboir An botek A	
Anbore	Ann walk whoten Anto v ste	k Anbore Ann Jak	Dupoter
21	HEAT MANAGEMENT		00/0
21.1	General	notek unbotek Anbo	N/A
	Exchangeability is safeguarded by cap or base	nbotek nbotek Anbois	N/A
21.2	Heat-conducting foil and paste	Anbo tek abotek Anbo	N/A
nbor Anborek	Heat-conducting foil delivered with the module if necessary	Anbotek Anbotek A	N/A
hotek	Anbor Annu tek nbore Annu	k hotek Anbo	
22	PHOTOBIOLOGICAL SAFETY		200
22.1	UV radiation	nbo' A' notek Anboten	N/A
	Luminous radiation not exceed 2mW/klm	Anbore Ann ak bo	N/A

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	Attachment 1: Test report of	IEC 62031	
Clause	Requirement – Test	Result - Remark	Verdict
Aupol	stek inboton Arith ok thot	Anbol Anbol Atek	Anborer
22.2	Blue light hazard	otek Anboten Anbo	Phote
Anbot	Assessed according to IEC TR 62778	Refer to clasue 4.24.2 of IEC 60598-1	PAnb
22.3	Infrared radiation	Anboren Anborek Anbor	N/A
hotek	Requirements for infrared radiation when required	Anbotek Anbotek An	N/A
h. rek	anbote And K botek Anbo	stek spbote	Pur
Α	ANNEX A - TESTS		Pupo,
ek Ant	All tests performed in accordance with the advice given in Annex H of IEC 61347-1, if applicable	Anbotek Anbotek Anbotek	P _A nb ^o
porer	Ant hotek Anbour At tek	Anboren Anto ok	over
	ANNEX 1 - SELV-operated LED modules		workerk
M. stek	SELV-operated LED modules in compliance wi	th Annex I of IEC 61347-2-13	N/A

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Wotek.	Attachment 2: Test report of IE	1001 100	Notok.
Clause	Requirement – Test	Result - Remark	Verdict
Ann	IEC TR 62778:2014	Ann is ster	NUD0
Clause	Requirement + Test	Result – Remark	Verdict
5	Spectrum, colour temperature, and blue light hazard	anbotek Anbote And	ootek P
5.1 ⁰	Calculation of blue light hazard quantities and photometric quantities from emission spectra	Anbotek Anbotek	AnbotP
5.2	Luminance and illuminance regimes that give rise to tmax values below 100s	tek Anbotek Anbotek	P
7	MEASUREMENT INFORMATION FLOW	16 10 M 17	P Ant
7.1	Basic flow	Anbore An hotek An	p ^{otek} P
pore'	'Law of conservation of luminance' applied	Anbors Ans abotek	Anboter
Anbonstek	Use of only true luminance/radiance values	Anboartek Anbotek	Antoprot
Anboi Anboie	In case of luminaire: The light source is operated in the luminaire under similar conditions as when tested as a component	potek Anbotek Anbotek Anbotek	P ^{bold}
otek	In case E_{thr} value for RG2 was established the peak value was derived from angular light distribution	Anbotek Anbotek An	inbotelP
7.2	Conditions for the radiance measurement	Anbo otek Anbotek	Anboic
Anbotel	Standard condition applied (200mm distance, 0,011rad field of view)	olek Anbotek Anbotek	AP ^{bor}
And	Non-standard condition applied	Alborek Anbourdek Anb	N/A 🖻
7.3	Special cases (I): Replacement by a lamp or LED m	nodule of another type	N/A
boten	Light source is a white light source	Anboren Anbo	N/A
Anboro	Evaluation done based on highest luminance	K Anbota And And	N/A
Aupor	Evaluation done based on CCT value	olek Anboutek Anbote	N/A ^{loo}
7.4 And	Special cases (II): Arrays and clusters of primary lig	ht sources	N/A 🕅
botek A	LED package is evaluated as	RG0 unlimited	hotek P
Anbotek	Ethr of LED package applies to array	Anbotek Anbor	N/A
8	RISK GROUP CLASSIFICATION	- <u>161</u> 7	Pnbot
Anbo	Risk group achieved:	abotek Anbore Ant	lek Pan
ak pr	Risk Group 0 unlimited	botek Anboten Ano	ote ^k P

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	Attachment 2: Test report of I	EC TR 62778	
Clause	Requirement – Test	Result - Remark	Verdict
Aupo	tek protes Aller ak pot	Anbor Andrek	Anboron
	IEC TR 62778:201	4	
Clause	Requirement + Test	Result – Remark	Verdict
5	Spectrum, colour temperature, and blue light hazard	Anbotek Anbo, tek	potek P A
5.1	Calculation of blue light hazard quantities and photometric quantities from emission spectra	Anbotek Anbotek	AnbotP
5.2 month	Luminance and illuminance regimes that give rise to tmax values below 100s	otek Anbotek Anbotek	Antek
And	Risk Group 1 unlimited	intoter Anti-	N/A
potek	- E _{thr} (lx) Distance to reach RG1 (m	ster unbo	N/A

Risk Group Number	Risk Group Name	Corresponding t _{max} range (s)	Blue light hazard L _B (W/m².sr)	
RG0	Exempt	>10000	<100	
RG1	Low Risk	100-10000	100-10000	
RG2	Moderate Risk	0.25-100	10000-4000000	
RG3	High Risk	<0.25	>400000	

IEC TR 62778:2014					
Clause	Requirement + Test	Anbor	Result – Remark	Verdict	
TABLE	SPECTRORADIOMETRIC MEASUREM	ENT	·	Р	
Tested m	odel number	And	H6063A	tek hi	
Tested vo	ltage:	ne pi	230Vac	hotek	
Tested cu	rrent	nbo notek	0.18A	nbotek	
Tested fre	equency:	Ansobotek	50Hz	Anbotek	
Ambient t	emperature	Anbot	24.1°C	Anbo	
Measurer	nent distance	iek pri	100mm	Hek Ar	
Source si	Ze		Non-small source 🔲 Small	source	

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Attachment 2: Test report of IEC TR 62778						
Clause	Requirement – Test	Annotek	Anbotek	Result - Remark		
Anboi	tek unboten	Ano	-hote	Anboir An	ek photon	
		IEC TR 6	2778:2014	L Contraction of the second		
Clause	se Requirement + Test		otek p	Result – Remark Verdi		
Field of	nbor tek nobotek Ant	Joter Anu	botek [100 mrad⊠11 mrad <i>′</i>	1.7 mrad	
Blue light	hazard radiance (L _B)	Anborn	nbotek	7.62e+00W/(m ² •sr)	Anbotek	
Blue light	hazard irradiance (E _B)	And	Anbotel	W/m ²	k Aupoten	
Luminanc	e (L)	Ann and at al	Aupo	cd/m ²	otek Anbon	
Illuminand	ce (E _{thr})		Net A	Ix	unboten And	
Calculate	distance (dmin)		potek	movek	Anboit P	

Measurement Uncertainty Statement:

EB, Urel=2.52% (k=2)

LB, Urel=2.84% (k=2)

LR, Urel=2.84% (k=2)

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Clause	Require	ment – Test		Result - F	Remark	Verdict
Anbo	Anbote	k Anboron Ann	botek Anbote	And	otek Anbotek	Anbore
.2	APPLICA	TION OF LIMITS (Test s	ummary)	- 65		
bu.	Specific a	absorption rate (SAR)	botek A	nboi	An-	Anter Ant
a) Ant	~0 ¹	5 clause 4.3.1 ce voltage mains termir 30 MHz	nals	Anboret	Anbotek A	Anbotek Anbotek
Anbotek	p., .	i clause 4.4 electromagnetic disturk - 30 MHz	oances	xek *)	botek Anbotek	P Anbore
botek Anb	Radiated	i clause 4.4.2 electromagnetic disturb · 300 MHz	ances	Arbotek	Anbotek Anbotek An	hotek P
Anbotek	 See separate Test Report for measurements of a), b) and c) above Only measurement of d) below. See measurement results below. In this case this test report does not show compliance with IEC 62493. 				Anbotek	
ek abe	Induced	current density	Anbotek An	bo.	potek Anbot	N/A
d) ^{Anne} A	Induced c 20 kHz –	urrent density 10 MHz		See m below	easurement results	N/A
4.2.d	INDUCED CURRENT DENSITY					
Anbotek	Power supply system utilised:					
obotek	Voltage:					K NO
×	Frequency:					pro-
1.0K	Environmental conditions:					
	Temperat	ure	x	25°C	k botek	Anboier
Humidity		poboton Anio			.H. shotek	Anboron
Anbore	EuT operation mode:					Anboron
Anboter	Norma	al operation	anbu ki	oter p	nbore Ant hotel	K pabor
k Aupot	Other operation:					oteknt
1.2.d	MEASUR	EMENT RESULTS	140 ¹	28.1	*6	
botek	Measuring with "Van der Hoofden" test head					novek_
Location of EuT Measuring distance Result (F)		Limit (F)	Verdic			
Front of Eu		50 cm	poten Ano	c)t	0,85	N/A
Rear of EuT		50 cm	obotek Anbi	0,85		N/A
Side of EuT 50 cm		D-3*	125°		alter the	

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Attachment 4: Photo Documentation



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6

Attachment 4: Photo Documentation

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Anbotek

安傅检测

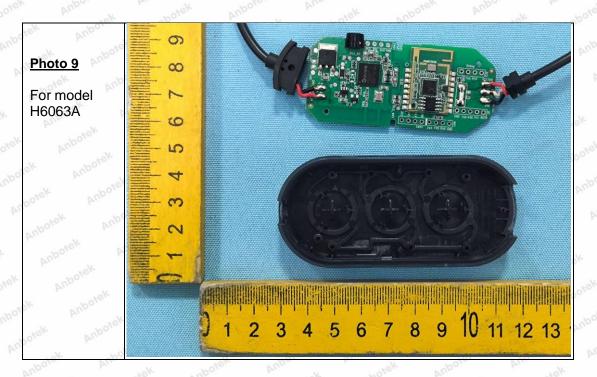
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9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25





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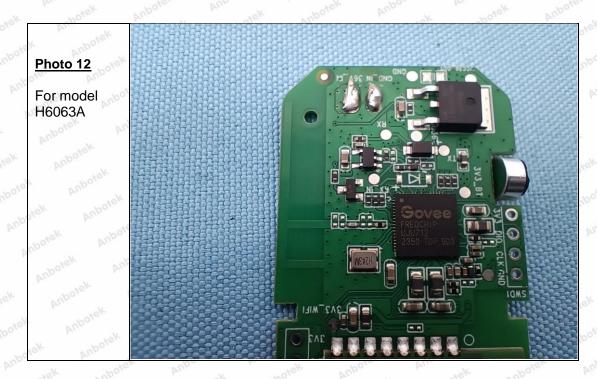




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Attachment 4: Photo Documentation



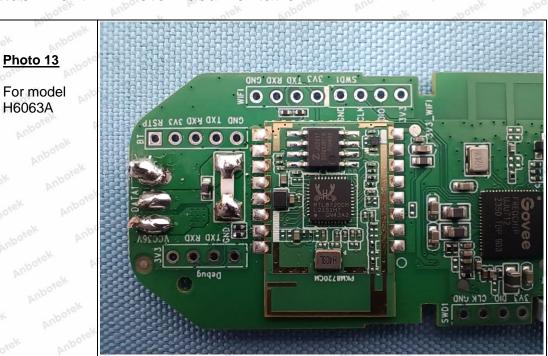
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Attachment 4: Photo Documentation



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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel: (86) 0755–26066440 Fax: (86) 0755–26014772 Email:service@anbotek.com





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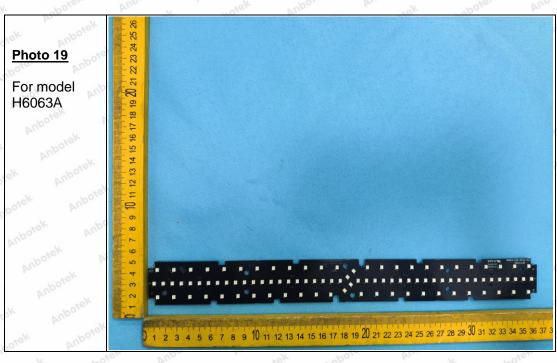
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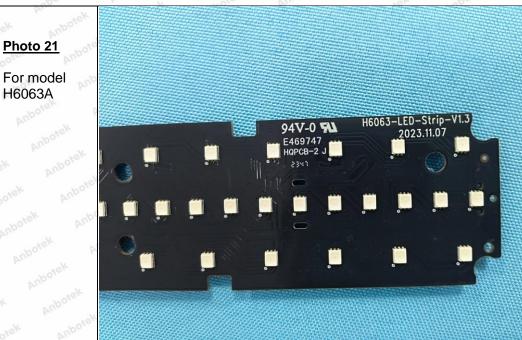
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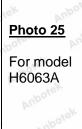
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-End of Report--

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