

Address

Report No.: 18220WC30276304S

Test Report

Applicant : Shenzhen Qianyan Technology LTD

No. 3301, Block C, Section 1, Chuangzhi

Yuncheng Building, Liuxian Avenue, Xili

Community, Xili Street, Nanshan District,

Shenzhen

Product Name : Govee Floor Lamp 2

Date : Mar. 26, 2024





All Geno



TEST REPORT IEC 60598-2-4

Luminaires

Part 2: Particular requirements

Section Four - Portable general purpose luminaires

Report

Compiled by Otto Guo

Approved by...... Jeff Zhu

Date of issue Mar. 26, 2024

Contents...... 57 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

Name...... Shenzhen Qianyan Technology LTD

Address No. 3301, Block C, Section 1, Chuangzhi Yuncheng Building,

Liuxian Avenue, Xili Community, Xili Street, Nanshan District,

Shenzhen

Test specification

Standard...... IEC 60598-2-4:2017

IEC 60598-1:2020

Test procedure Type test

Non-standard test method...... N/A

Test item Description

Product name Govee Floor Lamp 2

Trademark.....: Govee

Model and/or type reference: H607C









Shenzhen Anbotek Compliance Laboratory Limited Page 3 of 57 Report No. 18220WC30276304S

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)	: 24VDC, 2A with LED adapter input: 200-240VAC, 50/60Hz, 1.0A Output: 24VDC, 2A, 48W





Test item particulars

Classification of installation and use Portable luminaires

Protection class Class III

Degree of protection......IP20

Test case verdicts

- 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

Date of receipt of test item Dec. 27, 2023

General remarks

This report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item tested.

Clause numbers between brackets refer to clauses in IEC 60598-1.

"(see remark #)" refers to a remark appended to the report.

"(see Annex #)" refers to an annex appended to the report.

Throughout this report a point is used as the decimal separator.

The submitted samples were LED-light-source technology, they were found to comply with the requirement of EN 62493:2015 without test.

Summary of testing

Tests performed

- EN IEC 60598-1: 2021+A11:2022

- EN 60598-2-4: 2018

- EN IEC 62031: 2020+A11:2021

- EN 62493: 2015

The submitted samples were found to comply with the above specification.

List of Attachments

Attachment 1: Test report of EN IEC 62031:2020+A11:2021

Attachment 2: IEC TR 62778

Attachment 3: Photo documentation





Copy of marking plate(s)

Govee Floor Lamp 2

Model No.: H607C Rating: 24VDC, 2A

with LED adapter input: 200-240VAC, 50/60Hz, 1.0A

Output: 24VDC, 2A, 48W

CE CH







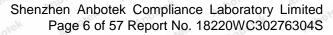
Shenzhen Qianyan Technology LTD

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

General product information

IEC 60598-2-4 Clause 4.6 (4.24.2) were tested at location 2, others were tested at location 1.







sek sal	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
Aupo.	batek Anbore And	notek Anbo sek spotek	- Anbore
4.1 (0)	SCOPE	abotek Anbore Ans	lek anb
4.2 (0.1)	Information for luminaire design	Standard	
otek Anborr	considered:	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	Potek Wpotek Wpole	P Anbr
Ano	Larabeta Aupor Br.	Anboren Anb	otek v
4.4 (2)	CLASSIFICATION	Anbotek Anbo	
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	
tek Anbotek	Fixed luminaire suitable for normally flammable surfaces:	Yes	
lbotek Anbo	Fixed luminaire suitable for non-combustible materials only:	No Anborek Anborek	
4.4 (2.5)	Luminaire for normal use:	Yes	
Anboro	Luminaire for rough service:	No Andore American	
4.5 (3)	MARKING	Anbotek Anbotek Ant	otek An
4.5 (3.2)	Mandatory markings	Anbotek Anbo	obote ^l P
potek Anbo	Position of the marking	Anbotek Anbo	$^{\prime\prime}$ $^{\prime\prime}$ $^{\prime\prime}$ $^{\prime\prime}$
Anborek An	Format of symbols/text	ek Anbotek Anbox	Potek
4.5 (3.3)	Additional information	otek Anbotek Anbote	P
nbotek	Language of instructions	English	P P
4.5 (3.3.1)	Combination luminaires	Anbotek Anb	N/A
4.5 (3.3.2)	Nominal frequency in Hz	50/60Hz for LED adapter	P. P.
4.5 (3.3.3)	Operating temperature	Anbox Ak abotek	Aupolen
4.5 (3.3.4)	Symbol or warning notice	Aupor Am Potek	N/A
4.5 (3.3.5)	Wiring diagram	otek Anbore An	N/A
4.5 (3.3.6)	Special conditions	upotek Aupote Mus	N/A
4.5 (3.3.7)	Metal halid lamp luminaire – warning	upotek Anbore Ant	N/A
4.5 (3.3.8)	Limitation for semi-luminaires	hotek Anbole A	N/A







	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
4.5 (3.3.9)	Power factor and supply current	botek Anbotek Anbotek	ek P
4.5 (3.3.10)	Suitability for use indoors	abotek Anbotek Anbo	otek P
4.5 (3.3.11)	Luminaires with remote control	Anboros An	N/A
4.5 (3.3.12)	Clip-mounted luminaire - warning	abotek Anbore	N/A
4.5 (3.3.13)	Specifications of protective shields	ak abotek Anbotes	N/A
4.5 (3.3.14)	Symbol for nature of supply	DC Molecular Ambour	P
4.5 (3.3.15)	Rated current of socket outlet	bor An hotek Anbot	N/A
4.5 (3.3.16)	Rough service luminaire	Ambore Am	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	botek Anbotek Anbot	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 Anbotek Anbo
otek Anbore	Cautionary symbol	abotek Anbotes	N/A
4.5 (3.3.22)	Controllable luminaires, insulation	k abotek Aupoten	N/A
4.5 (3.3.23)	Luminaires without control gear provided with necessary information for selection of appropriate component	otek Anbotek Anbotek	N/A
4.5 (3.3.24)	If not supplied with terminal block, information on the packaging	Anbotek Anboten Anh	N/A
4.5 (3.3.25)	Luminaires employing light sources emitting UV on mains wiring, information provided	Anbotek Anbotek	N/A
4.5 (3.3.26)	Wall mounted luminaire using external flexible cable or cord longer than 0.3 m, information provided	botek Anbotek Anbotek	N/A
4.5 (3.4)	Test of marking	Anbo, Ar hotek Ar	pole P
Vice View	Test with water	15 s	anboter P









borek pot	IEC 60598-2-4	- botek hupo.	br. otel
Clause	Requirement - Test	Result - Remark	Verdict
Anti-	Test with hexane	15 s	v P
Anb	Legible after test	habor Anba	V P
r Vup.	Label attached	Antorek Ando	P. P.
yer And	Education of the second of the	Anbote And Lotek	Anbotek
4.6 (4)	CONSTRUCTION	k Anbores And	Anbotek
4.6.1 (-)	Insulation cables and cords	tek Anbotes, And	N/A
4.6.2 (-)	Means of fixing wiring	botek Anbotes And	N/A
4.6.3 (-)	Stability	6° hotek Anboret Anbo	tek P
4.6.4 (-)	Candlestick luminaires with switch	Anbotek Anbotek An	N/A
4.6.5 (-)	E5 lampholders	Anti-	N/A
4.6 (4.2)	Components replaceable without difficulty	Ant Lotek Anbotek	N/A
4.6 (4.3)	Wireways smooth and free from sharp edges	ootek Anbotek Anbotek	k boo
4.6 (4.4)	Lampholders	abotek Anbote And	otek
4.6 (4.4.1)	Integral lampholder	Anbotek Anboten Ant	N/A
4.6 (4.4.2)	Wiring connection	Anbotek Anboten	N/A
4.6 (4.4.3)	Lampholder for end-to-end mounting	k hotek Anboten	N/A
4.6 (4.4.4)	Positioning	And botek Anbotek	N/A
4.6 (4.4.5)	Peak pulse voltage	ofer And Lotek Anbore	N/A
4.6 (4.4.6)	Centre contact	And Otek And	N/A
4.6 (4.4.7)	Rough service luminaires	Anboten Ann otek	N/A
4.6 (4.4.8)	Lamp connectors	Anbotek Anb	N/A
4.6 (4.4.9)	Caps and bases correctly used	k Anbotek Anbo	N/A
4.6 (4.5)	Starter holders	totek Anbotek Anbo	
Anbotek	Starter holder in luminaires other than class II	nbotek Anbotek Anbo	N/A
K AUR	Starter holder class II construction	Anbore. And hotek An	N/A
4.6 (4.6)	Terminal blocks	Anbote. And otek	N/A
nboter Ant	Tails Andrew Andrew	k Anboter Anb	N/A
Anboten	Unsecured blocks	otek Anboten Anb	N/A
4.6 (4.7)	Terminals and supply connections	hotek Anbotek Anbo	ek -
4.6 (4.7.1)	Contact to metal parts	hotek Anbotek Anbo	N/A
4.6 (4.7.2)	Location stranded wires	Ann Anbotek An	N/A
de Nex	8 mm test live conductor	And tek abotek	N/A









	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
Ands	8 mm test earth conductor	oten Ando	N/A
4.6 (4.7.3)	Terminals for supply conductors	hbor All botek Anbo	P
4.6 (4.7.3.1)	Welded connections:	Anbore Ans botek Ar	N/A
Jos (III - MA)	- stranded or solid conductor	Antorie Ant hotek	N/A
ibate. Ant	- spot welding	Anbote: And hotek	N/A
Anbate. K	- welding between wires	lek Aupate, Aun	N/A
Anboten	- Type Z attachment	Potek Aupoter, Mun	N/A
Auporen	- mechanical test according to 15.8.2	abotek Anbotek Anb	N/A
iek Aupore	- electrical test according to 15.9	Pur Posek Puposek Pu	N/A
potek Aupr	- heat test according to 15.9.2.3 and 15.9.2.4	Ambotek Anbotek	N/A
4.6 (4.7.4)	Terminals other than supply connection	Sk Vura, W. Spolek	P _{pop}
4.6 (4.7.5)	Heat-resistant wiring/sleeves	potek Anboy All	N/A
4.6 (4.7.6)	Multi-pole plug	Anbotek Anbore An	o [™] N/A
Nupore Aubore	- test at 30 N	unbotek Anbor An	N/A
4.6 (4.8)	Switches:	Anborek Anbore	hotek.
anbotek Ar	- adequate rating	ak anbotek Anbote	Phote
abotek	- adequate fixing	tek nbotek Anbote	Р
abotek	- polarized supply	or Anborek Anbore	N/A
4.6 (4.9)	Insulating lining and sleeves	Anbor All aborek Ant	I
4.6 (4.9.1)	Retainment	Anbore An	N/A
or Man	Method of fixing	Anbore An-	N/A
4.6 (4.9.2)	Insulated linings and sleeves	ak Anbote Anb hotek	Alepote)
Vupo _{tek}	Resistant to a temperature > 20 °C to the wire temperature or	otek Anbotek Anbotel	N/A
k Anbotek	a) & c) Insulation resistance and electric strength	Anbotek Anbotek Anb	N/A
Stell Anbu	b) Ageing test. Temperature (°C)	Anbotek Anbo	N/A
4.6 (4.10)	Insulation of Class II luminaires	k Aupotek Aupo	N/A
4.6 (4.10.1)	No contact, mounting surface - accessible metal parts - wiring of basic insulation	otek Anbotek Anbotek	N/A
Androtek	Safe installation fixed luminaires	upore, Wur Potek Pubo	N/A
K Pun	Capacitors	Aupotes, Aug Potek M.	N/A
hotek and	Interference suppression capacitors according to IEC 60384-14	Anbotok Anbotok	N/A









IEC 60598-2-4			
Clause	Requirement - Test	Result - Remark	Verdict
4.6 (4.10.2)	Assembly joints:	bote And botek Andotek	v
k abotek	- not coincidental	hoor Andrew Andrew	N/A
rak abote	- no straight access	Aupon Au	N/A
ok bii.	- degree of protection	Anbore Ali	N/A
4.6 (4.10.3)	Retainment of insulation:	Anbor An.	Anboten
Anbore	- fixed	tek Anbore An	N/A
Anbotek	- unable to be replaced; luminaire inoperative	lbotek Anbore Anbor	N/A
rek anbore	- sleeves retained in position	Anto Anbotek An	N/A
otek oup	- lining in lampholder	Vupo stek vupostek	N/A
4.6 (4.11)	Electrical connections	Anbo stek Anborek	Anhore
4.6 (4.11.1)	Contact pressure	lek Tupo, tek Tupotek	P po
4.6 (4.11.2)	Screws:	upotek Anbo	PU
Vupo,	- spaced threaded screws	Anbotek Anbo	N/A
ek Anbor	- thread-cutting screws	Anbotek Anbor An	N/A
potek Anbe	- earth continuity	Anborek Anbor	N/A
Anbotek A	- at least two screws	ek nabotek Anbote	N/A
4.6 (4.11.3)	Screw locking:	stek subotek Anbore	P
anbotek	- spring washer	stek supotek Aupon	N/A
k abotek	- rivets	Anbotek Anb	N
4.6 (4.11.4)	Material of current-carrying parts	Aupo, by upotek	nboten P _K
4.6 (4.11.5)	No contact to wood	Anbo kek abotek	Anb P
4.6 (4.11.6)	Electro-mechanical contact systems	ok Aupon ek apotek	N/A
4.6 (4.12)	Mechanical connections and glands	potek Anbo ek botek	- Aup
4.6 (4.12.1)	Mechanical stress	vupotek Vupo, Vi	ek P
k Aupole	Not made of soft metal	Anbotek Anbots Att	N/A
otek Anbor	Screws of insulating material	Anbotek Anbote A	N/A
inbotek Anl	Torque test: torque (Nm); part	Fixed enclosure screw 0.5Nm	Anbotel
Aupor	Torque test: torque (Nm); part	otek Anbo. An botek	N/A
Aupor	Torque test: torque (Nm); part:	hbotek Anbor Anbor	[∞] N/A _№
4.6 (4.12.2)	Screw diameter up to 3 mm	anbotek Anbors Ans	N/A
4.6 (4.12.4)	Locked connections:	Anbotek Anbott	-holek
botek Ant	- fixed arms; torque (Nm)	botek Anbote	N/A





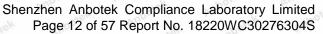




boick out	IEC 60598-2-4	notek anbore	bu.
Clause	Requirement - Test	Result - Remark	Verdict
Anbotek	- lampholder; torque (Nm)	Jore Anbotek Anbotek	N/A
nbotek	- push-button switches; torque (Nm):	Tupo otek Vupotek Vupo	N/A
4.6 (4.12.5)	Screwed glands; force (N)	Anbotek Anbotek Ar	N/A
4.6 (4.13)	Mechanical strength	Aupor tek anbotek	Anboth P
4.6 (4.13.1)	Impact tests:	Anboarek anbotek	AU POPE
Vupo, tek	- fragile parts; energy (Nm)	LED cover: 0.35Nm	B∪ _{pc}
Aupo	- other parts; energy (Nm)	Enclosure: 0.50Nm	ek P M
Anboro	1) live parts	Anborek Anbore An	otel P
ek Wpou	2) linings	Aupotek Aupon Au	N/A
potek Anbe	3) protection	anbotek Anbote	Bek
abotek A	4) covers	ek obotek Anbote	Puol
4.6(4.13.2)	Metal parts enclosing live parts	tek upotek Aupote	N/A
4.6 (4.13.3)	Straight test finger	Tho. Thotek Aupore	N/A
4.6 (4.13.4)	Rough service luminaires	Anbo. Ant	010
. ok . po	a) fixed	Anbore An botek	N/A
o _t bu	b) hand-held	Anbore Ame botek	N/A
Vupor by	c) delivered with a stand	ek Aupon botek	N/A
Anborek	d) for temporary installations and suitable for mounting on a stand	potek Anbotek Anbotel	N/A
4.6 (4.13.6)	Tumbling barrel	Anto stek anbotek Anb	N/A
4.6 (4.14)	Suspensions and adjusting devices	Anbo tek nbotek A	upole -
4.6 (4.14.1)	Mechanical load:	Anbo Lek abotek	Aupore
'upo be	A) four times the weight	ok Anbo. Pak abotek	N/A
Aupor	B) torque 2,5 Nm	otek Anbor Anborek	N/A
Aupor	C) bracket arm; force (N)	upotek Anbor An	√ N/A
Anbore	D) load track-mounted luminaires	anbotek Anbota An	N/A
otek Vupou	E) clip-mounted luminaires, glass-shelve. Thickness (mm):	Anbotek Anbotek	N/A
upo stek	metal rod. diameter (mm)	Aupo tek supotek	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	Anbotek Anbotek Anbo	-10/r -
rek Ambote	Mass (kg)	And Anbotek An	N/A
de Nor	Stress in conductors (N/mm²):	And tek abotek	N/A









sek ad	IEC 60598-2-4	atek anbote	AUD
Clause	Requirement - Test	Result - Remark	Verdict
Annabotek	Mass (kg) of semi-luminaire:	oter Anu botek Anbatek	N/A
Air.	Bending moment (Nm) of semi-luminaire:	Anbor Air	N/A
4.6 (4.14.3)	Adjusting devices:	Anbore An botek As	POTEN TO
36- (- rotating test; number of cycles:	Anbore Ant hotek	N/A
upate. Au	- strands broken	Antore And hotek	N/A
Aupote.	- high voltage test	otek Augote, Aug	N/A
4.6 (4.14.4)	Telescopic tubes: cords not fixed to tube; no strain on conductors	hbotek Anbotek Anbot	N/A
4.6 (4.14.5)	Guide pulleys	Anbotek Anbotek An	N/A
4.6 (4.14.6)	Strain on socket-outlets	Anbotek anbotek	N/A
4.6 (4.15)	Flammable materials:	Anbo, tek anbotek	Aupore
Vupo, ***	- glow-wire test 650 °C	dek Anton An abotek	P _{pot}
Aupor	- spacing ≥ 30 mm	botek Anbor Ali	N/A
Aupor	- screen withstanding test of 13.3.1	Anbotek Anbor All	N/A
ek Anbore	- screen dimensions	Anbotek Anbote An	N/A
potek Anbr	- no fiercely burning material	Anborek Anbore	- Psk
Anbotek A	- thermal protection	ek upotek hupone	N/A
abotek	- electronic circuits exempted	stek anbotek Anbote	N/A
4.6 (4.15.2)	Luminaires made of thermoplastic materia	nootek nbotek Anbote	- Press
k abotek	a) construction	Anbo, tek abotek Anb	N/A
*** **********************************	b) temperature sensing control	Anbox Protek P	N/A
'o, b.,	c) surface temperature	Aupon Mr. Projek	N/A
4.6 (4.16)	Luminaires for mounting on normally flami	nable surfaces	Mapole
Anboro	No lamp control gear	(compliance with Section 12)	N/A
4.6 (4.16.1)	Lamp control gear spacing:	Anbotek Anbote Anbote	rek - P
k Aupola	- spacing 35 mm	abotek Anbois An	N/A
otek Anbot	- spacing 10 mm	abotek Anboten A	N/A
4.6 (4.16.2)	Thermal protection:	ek abotek Anboten	Pup.
botek	- in lamp control gear	sek shotek Anborek	N/A
hotek	- external	ok hotek Anbotes	N/A
Pur Motek	- fixed position	inboth Ant hotek Anbo	N/A
K Mary	- temperature marked lamp control gear	Anbors Ans wotek an	N/A
4.6 (4.16.3)	Design to satisfy the test of 12.6	(see clause 12.6)	N/A









rek an	IEC 60598-2-4	Ar Anboten	AUD
Clause	Requirement - Test	Result - Remark	Verdict
4.6 (4.17)	Drain holes	potek Anbotek Anbotek	N/A
anbotek	Clearance at least 5 mm	Anbotek Anbotek Anbo	N/A
4.6 (4.18)	Resistance to corrosion:	And otek Anbotek Ar	bo.
4.6 (4.18.1)	- rust-resistance	Anbotek unbotek	N/A
4.6 (4.18.2)	- season cracking in copper	Anbotek anbotek	N/A
4.6 (4.18.3)	- corrosion of aluminium	otek Anbourtek	N/A
4.6 (4.19)	Ignitors compatible with ballast	inpotek Anbar tek abot	N/A
4.6 (4.20)	Rough service vibration	anbotek Anbo. Ack	N/A
4.6 (4.21)	Protective shield:	Anbotek Anbo. Lek	-botek
4.6 (4.21.1)	Shield fitted	Anbotek Anbote	N/A
4.6 (4.21.2)	Particles from a shattering lamp not impair safety	tek Anbotek Anbotek	N/A
4.6 (4.21.3)	No direct path	aboten Anbote	N/A
4.6 (4.21.4)	Impact test on shield	Anbote And	otek P
AUD	Glow-wire test on lamp compartment	Anbotes Anbo	nbotek
4.6 (4.22)	Attachments to lamps	Anbores Anbo	N/A
4.6 (4.23)	Semi-luminaires comply Class II	ek Anbores Anb	N/A
4.6 (4.24)	UV radiation, metal halide lamps	potek Anbo	N/A
4.6 (4.24.2)	Retinal blue light hazard	Anbotek Anbo, Arek	of P
K Aupo	Luminaires with E _{thr}	Anbotek Anbotek A	N/A
* % Y	a) Fixed luminaires	Anbou tek abotek	N/A
Anbotek Ar	Distance x m, borderline between RG1 and RG2	otek Anbotek Anbotek	N/A
Anbotek	Marking and instruction	botek Anbotek Anbo	N/A
Anborek	b) Portable and handheld luminaires	RG0	work P
otek Aupor	RG1 exceeded at 200 mm according to IEC/TR 62778	Anbotek Anbotek A	N/A
upo, bii	Marking	Anbo otek Anbotek	N/A
Anbotek	Portable luminaires for children IEC 60598-2-10 and Mains socket outlet nightlights IEC 60598-2-12	inbotek Anbotek Anbotek	N/A
Wer Pole	RG at 200 mm according to IEC/62778	Anbore And botek An	N/A
4.6 (4.25)	No sharp point or edges	Anton K notek	Anbotek









sek sk	IEC 60598-2-4	An stek anbotek	Aupo
Clause	Requirement - Test	Result - Remark	Verdict
4.6 (4.26)	Short-circuit protection:	notek Anbotek Anbotek	lek Anbo
4.6 (4.26.1)	Uninsulated accessible SELV parts	Anbotek Anbotek A	N/A
4.6 (4.26.2)	Short-circuit test	Anbotek Anbotek	N/A
4.6 (4.26.3)	Test chain according to IEC 61032	Anto hotek Anbotek	N/A
4.6 (4.27)	Terminal blocks with integrated screwless eaccording Annex V	earthing contacts tested	N/A
Aupo,	Pull test of terminal fixing (20 N)	Anbotek Anbou	N/A
ek Anboro	After test, resistance < 0,05 Ω	Anbotek Anbox At	N/A
potek Aupe	Pull test of mechanical connection (50 N)	Anbotek Anbors	N/A
anbotek Ar	After test, resistance < 0,05 Ω	tak Anbotek Anbotek	N/A
Motek	Voltage drop test, resistance $< 0.05 \Omega$	otek Anbotek Anbote	N/A
4.6 (4.28)	Fixing of thermal sensing control	otek Anbotek Anbo	N/A
k vapojek	External to lamp control gear	Anbotek Anbotek An	N/A
rek abo	Plug-in or easily replaceable type	Anborek Anborek	N/A
16/4 P. C.	Adhesive fixing	Anborek anborek	N/A
Yupo. *ek	Positioning	er Auporek	N/A
Aupo rek	Temperature (°C)	hotek Anbo	N/A
Aupo, sek	100 cycles between t min and t max	Inpotek Anbour	N/A
otek Anbor	Temperature sensing control still in position	Anbotek Anbotek	N/A
4.6 (4.29)	Luminaires with non-replaceable light source	Anbotek Anbotek	N/A
Aupole	Replacement not possible	ostek Anbore Ans hotel	N/A
Anbote	Live part not accessible	abotek Anbote Ant	N/A
Anbore	Breaking of the luminaire or its parts	abotek Anbote And	N/A
itek Anbote	Removal of parts	An Anboten A	N/A
bořek Anb	Compliance with test probe	M hotek Anbotek	N/A
Potek	Access to live parts	An hotek Anbotek	N/A
4.6 (4.30)	Luminaires with non-user replaceable light source	botek Anbotek Anbotek	bup,
Anbore	Protective cover	anbotek Anbote Ant	notek P
rek Anbore	Fixing means	w. abotek Anbote, Ar	N/A
notek anb	Cautionary symbol	wotek Anbote	N/A





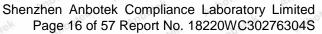




Clause	Requirement - Test	Result - Remark	Verdict
Aupoten	The Tek Subolek Wilhous Wer	otek Anbotem Anbo	2000
4.6 (4.31)	Insulation between circuits	notek Anbotek Anbo	N/A
Anborek	Transformer or control gears	Anbotek Anbotek Anbo	N/A
rek anbol	Insulation between circuits	And otek Anbotek Ar	N/A
otek or	Circuits insulated from LV supply	Ant stek antotek	N/A
lps tek	Insulation provided	And otek Anborek	N/A
Aupo.	Controllable luminaires	sek Aupo sek upotek	N/A
Aupo, *ek	Control terminals	Lootek Aupon tek upot	N/A
Anboro	Insulation	Anbotek Anbot An	N/A
ek Aupo.	Control gear U-OUT	Anbotek Anbote An	N/A
4.6 (4.31.1)	SELV or PELV circuits	Anbotek Anbo	Anbotek
Anto	Used SELV/PELV source	Anbor All abotek	P _{/pot}
Auporg	Voltage ≤ ELV	botek Antions An	Y PAN
Anbore Anbore	Insulating of SELV/PELV circuits from LV supply	Anbotek Anbotek Ant	otek P
otek Anb	Insulating of SELV/PELV circuits from other non SELV/PELV circuits	Anbotek Anbotek	N/A
Anborek	Insulating of SELV/PELV circuits from FELV	ek Anbotek Anbotek	N/A
Anbotek	Insulating of SELV/PELV circuits from other SELV/PELV circuits	Anbotek Anbotek Anbote	N/A
otek Anbo	SELV/PELV circuits insulated from accessible parts according Table X.1	Anborek Anbotek	nbote ^P P
inbotek A	Plugs not able to make any electrical contact with socket-outlets of other voltage systems	k Anbotek Anbotek	N/A
Anbotek	Socket outlets does not admit plugs of other voltage systems	Anbotek Anbotek Anbot	N/A
rek Anbo	Plugs and socket-outlets does not have protective conductor contact	Anbotek Anbotek A	N/A
4.6 (4.31.2)	FELV circuits	k hotek Anbotek	N/A
Lotek	Source	k Lotek Anbotek	N/A
And	Insulation between circuits	chen Anbotek	N/A
Vupo.	Plug and socket outlet	hpotek Aupo tek abo	N/A
4.6 (4.31.3)	Other circuits	anbotek Anbor An	N/A
tek Aupo,	CI II hotek Ambotek	potel Antore Ar	N/A





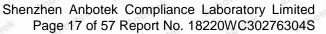




Clause	Requirement - Test	Result - Remark	Verdict
Aupo.	- spetek Aupore Aug	otek Aupo, tek upotek	Pupo
Anbore	Equipotential bonding	potek Aupor Air	N/A
Anbore	All conductive part connected	Anborek Anbore An-	N/A
rek Anbore	Resistance < 0,5 Ω	Anbotek Anbote Ar	N/A
botek Anbi	Insulation fault: accessible part cause electric shock	Anbotek Anboten	N/A
Anbore A	Master/slave applications	ek Anbore k Ant	N/A
4.6 (4.32)	Overvoltage protective devices	potek Anbote, And	N/A
ak Anboten	External to lamp control gear, connected to earth	Anbotek Anbotek An	N/A
potek Anbo	Fixed luminaires connected to a protective earth	Anbotek Anbotek	N/A
4.6 (4.33)	Luminaire powered via information technology	ogy communication cabling	N/A
abotek	Requirements for Class III luminaire	stek Anbotek Anbot	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
otek Anbot	Luminaire does not create any hazard from overvoltage	(see Annex 2)	N/A
1.6 (4.34)	Electromagnetic fields (EMF)	ak Aupore Am	Poot
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.	hek neek
1.6 (4.35)	Protection against moving fan blades		N/A
nbore. Ani	Test with a standard test finger	Anboten Anto otek	N/A
Anbotek	Test with test probe acc. To Figure 13 (IEC 61032) for portable luminaire	otek Anbotek Anbotel	N/A
Ann	Blades rounded with radius ≥ 0.5 mm and:	unbote Anb	N/A
Anv Lote	-hardness less than D60 Shore	Anbores And Lotek A	N/A
te. Vun	-peripheral speed less than 15 m/s	Anbote And And	N/A
1.6 (4.36)	Track-mounted luminaires	Anbore. And stek	N/A
Anbotek A	Test in accordance with Annex A of IEC60570:2003/AMD2:2019	tek Anbotek Anbotek	N/A
1.6 (4.36)	Track-mounted luminaires	bote 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	Arek abotek	N/A









		IEC 60598-2-4			
Clause	Requirement - Test	wotek Anbote	Result - Remar	k abotek	Verdict
Aupo	tek puporen l	TUB OF T	lotek Anbor	stek	anbor
4.6.3 (-)	Stability (6°)		botek Anbot	Aupo	ek P
4.6.4 (-)	Candlestick luminaires wit	th switch	wotek an	poter Aupo	N/A
4.6.5 (-)	E5 lampholders	Anboren	Ario	Anbotek An	N/A

4.7 (11)	11) CREEPAGE DISTANCES AND CLEARANCES	
4.7 (11.2)	Creepage distances and clearances:	See Table 4.7 (11.2)
s Anborek	Working voltage (V)	24VDC for light
rek anbot	Rated pulse voltage (kV)	And Anbotek An
nbotek An	Voltage form	Sinusoidal [] Non-sinusoidal [√]
Vupole.	Ar PTItek Anbotek Anbo Anbo	< 600 [√] ≥ 600 []
Aupotek Aupo	Impulse withstand category (Normal category II) (Category III Annex U)	category II P

4.8 (7)	PROVISION FOR EARTHING	Aupo, Ar. Potek	nbote-
4.8 (7.2.1 + 7.2.3)	Accessible metal parts	ek Anbotek Anbotek	N/A
Anbotek	Metal parts in contact with supporting surface	potek Anbotek Anbote	N/A
Anbo	Resistance < 0,5 Ω	Amboten Ambo	N/A 📈
ek Aupo	Self-tapping screws used	Anborek Anbo	N/A
potek Vupo.	Thread-forming screws	Anbotek Anbo	N/A
anborek Ant	Thread-forming screw used in a grove	k Vupotek Vupo,	N/A
nbotek	Earth makes contact first	stek snbotek Anboy	N/A
Anbotek Anbotek	Terminal blocks with integrated screwless earthing contacts tested according Annex V	Anbotek Anbotek Anbo	N/A
otek Anbote	Built-in control gear	Anbotek Anboten A	N/A
4.8 (7.2.2 + 7.2.3)	Earth continuity in joints, etc.	Anbotek Anbotek	N/A
4.8 (7.2.4)	Locking of clamping means	otek Anbor Ar hotek	N/A
Anboro	Compliance with 4.7.3	abotek Anbote Am	N/A N/A
otek Anbotek	Terminal blocks with integrated screwless earthing contacts tested according Annex V	Anbotek Anbotek Ar	N/A







	Not Tupo. V.	- Mose. Mus	. 070
Clause	Requirement - Test	Result - Remark	Verdic
4.8 (7.2.5)	Earth terminal integral part of connector	oter And hotek Anbotek	N/A
1.0 (1.2.0)	socket	mbotes And hotek Anbo	ek IV/
4.8 (7.2.6)	Earth terminal adjacent to mains terminals	Anbore Am Botek Ar	N/A
4.8 (7.2.7)	Electrolytic corrosion of the earth terminal	Anbote And Motek	N/A
4.8 (7.2.8)	Material of earth terminal	Anbote, K Ann Motek	N/A
Anbote	Contact surface bare metal	tek Anbore And otek	N/A
4.8 (7.2.10)	Class II luminaire for looping-in	botek Anboten Anb	N/A
ok Anboten	Double or reinforced insulation to functional earth	Anbotek Anbotek Anb	N/A
4.8 (7.2.11)	Earthing core coloured green-yellow	Anbore K Am.	N/A
DOJO. VID	Length of earth conductor	Auporen Augus	N/A
4.8 (7.2.10)	Class II luminaire for looping-in	ek Anbores Anbo	N/A
4.8 (7.2.11)	Earthing core coloured green-yellow	hotek Anbotek Anbo	N/A
Anborek	Length of earth conductor	hotek Anbotek Anbo	N/A
1.9 (7.2.12)	PELV circuit connected to protective earth for functional purpose	Anbotek Anbotek Ant	N/A
O _{tes} , bus	tok spoter Anbe	Anbores Anb	inbotek.
1.9 (14)	SCREW TERMINALS	ek Anboten Anbo	hodaa.
anbotek	Separately approved; component list	otek Anbotek Anbo	N/A
anbotek	Part of the luminaire	stek anbotek Anbo.	N/A
- unbotek	Anbore Am Anhoten	Anb	0,0
1.9 (15)	SCREWLESS TERMINALS		010
100	a Ann A Morell Ann	16/4	olo-
ster Anbo	Separately approved; component list	Anbotek Anbotek	N/A
nbotek Antis	Separately approved; component list Part of the luminaire	k Anbotek Anbotek	N/A N/A
J.10 (5)	ALL TON TON	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Mah
700,	Part of the luminaire	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Mah
1.10 (5) 1.10 (5.2) 1.10 (5.2.1)	Part of the luminaire EXTERNAL AND INTERNAL WIRING	LED adapter	Mah
1.10 (5.2) 1.10 (5.2.1)	Part of the luminaire EXTERNAL AND INTERNAL WIRING Supply connection and external wiring	LED adapter	N/A
·.10 (5.2) ·.10 (5.2.1)	Part of the luminaire EXTERNAL AND INTERNAL WIRING Supply connection and external wiring Means of connection	LED adapter	N/A P
·.10 (5.2) ·.10 (5.2.1)	Part of the luminaire EXTERNAL AND INTERNAL WIRING Supply connection and external wiring Means of connection	LED adapter	N/A P
.10 (5.2)	EXTERNAL AND INTERNAL WIRING Supply connection and external wiring Means of connection	LED adapter	N/A
.10 (5.2) .10 (5.2.1) .10 (5.2.2) .10 (5.2.2)	Part of the luminaire EXTERNAL AND INTERNAL WIRING Supply connection and external wiring Means of connection	LED adapter	N/A P P N/A N/A N/A
1.10 (5.2)	EXTERNAL AND INTERNAL WIRING Supply connection and external wiring Means of connection	LED adapter Anbatek	N/A









week and	IEC 60598-2-4	potek anbo.	br.
Clause	Requirement - Test	Result - Remark	Verdict
Anti	- adequate degree of protection	ofer Anu abotek Anbotek	N/A
4.10 (5.2.7)	Cable entries through rigid material have rounded edges	Anbotek Anbotek Anbo	N/A
4.10 (5.2.8)	Insulating bushings:	Anborek Anbo. Arak	anbotek
Polek Vup	- suitably fixed	Anbotek Anbo	N/A
Anborek A	- material in bushings	tek Anbotek Anbo	N/A
anbotek	- material not likely to deteriorate	Lotek Anbotek Ankor	N/A
-k Anbotek	- tubes or guards made of insulating material	Anbotek Anbotek Anbo	N/A
4.10 (5.2.9)	Locking of bushings	Aupores Aug	N/A
4.10 (5.2.10)	Cord anchorage:	Anboren Anbo	Anlegiek
Anbores Ar	- covering protected from abrasion	ek Anborek Anbo	N/A
Anborek	- clear how to be effective	ootek Anbotek Anbo	N/A
Anborek	- no mechanical or thermal stress	hotek Anbotek Anbo	N/A
anbotek	- no tying of cables into knots etc.	And Anbotek An	N/A
otek anbot	- insulating material or lining	Anbotek Anbotek	N/A
4.10 (5.2.10.1)	Cord anchorage for type X attachment:	cek Anbotek Anbotek	Anbor
Anbore	a) at least one part fixed	botek Anbore Ann	N/A
Anbore	b) types of cable	abotek Anbote Anb	N/A
k Anbore	c) no damaging of the cable	botek Anbotes Ant	N/A
otek Anboti	d) whole cable can be mounted	hotek Anbotek	N/A
horek Ant	e) no touching of clamping screws	k hotek Anboten	N/A
"un Potek	f) metal screw not directly on cable	k hotek anbotek	N/A
Amo	g) replacement without special tool	ore Ant Lotek Anbore	N/A
Aug	Glands not used as anchorage	inbores And	N/A
Aub	Labyrinth type anchorages	Anboree Anbo	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:	otek Anbotek Anbotek	N/A
Aupor	- impossible to push cable; unsafe	hbotek Anbor An	N/A
Anbore	- pull test: 25 times; pull (N)	anbotek Anbote Anb	N/A
tek Anbotel	- torque test: torque (Nm)	· Dojek Vupojen V	N/A
work and	- displacement ≤ 2 mm	Anborek Anborek	N/A









Olavaa	IEC 60598-2-4	Daniel Daniel	Verbillet
Clause	Requirement - Test	Result - Remark	Verdict
4.10 (5.2.10.4)	Luminaire with/designed for use with supply of 2A:	cord with maximum current of	N/A
itek Anbotel	- Ordinary Class III luminaire supplied with SELV	Anbotek Anbotek A	N/A
ibotek Anbe	- Ordinary Class III luminaire supplied with PELV 12V RMS/30V DC	Anbotek Anbotek	N/A
Anbore A	- Other than ordinary Class III luminaire supplied with voltage 12V RMS/30V DC	ctek Anbotek Anbotek	N/A
A. Shorek	Pull test of 30N	ribo kek abotek Anbo	N/A
ek abotek	- no movement of conductors	Anbo. Ar abotek Ar	N/A
Pr.	- no damage of cable or cord	Anbor Ak aborek	N/A
4.10 (5.2.11)	External wiring passing into luminaire	Anbor Ar botek	N/A
4.10 (5.2.12)	Looping-in terminals	sek Anbore All hotek	N/A
4.10 (5.2.13)	Wire ends not tinned	potek Anbore Arr	N/A
Anbore.	Wire ends tinned: no cold flow	nbotek Anbote Ant	N/A
4.10 (5.2.14)	Mains plug same protection	abotek Anbote An	N/A
orek Anbor	Class III luminaire plug	Anbotek Anbote	N/A
hotek An	No unsafe compatibility	ik hotek Anboten	N/A
4.10 (5.2.15)	Colour code low voltage	ok hotek Anboten	N/A
4.10 (5.2.16)	Appliance inlets (IEC 60320)	pore An botek Anbote	N/A
k Ans borek	Installation couplers (IEC 61535)	Anbore And	N/A
And	Other appliance inlet or connector	Anbore. And And	N/A
ofer Ann	Relevant IEC standard	Anbores And otek	N/A
4.10 (5.2.17)	No standardized interconnecting cables properly assembled	ek Anbotek Anbotek	N/A
4.10 (5.2.18)	Used plug in accordance with	bore Annotek Anbore	N/A
Aur	- IEC 60083	Anbore Ans botek Anb	N/A
And	- other standard	Anbore. And work	N/A
4.10 (5.3)	Internal wiring	Anbotel And otek	anbotek
1.10 (5.3.1)	Internal wiring of suitable size and type	Anboten And otek	Botel
Anboten A	Through wiring	hotek Anboten Anbo	N/A
Anbotek	- not delivered/ mounting instruction	hotek Anbotek Anbo	N/A
Anbotek	- factory assembled	Anbotek Anbotek Anbo	N/A
tek upotel	- socket outlet loaded (A)	And Anbotek Ar	N/A
ak no	- temperatures	Ans ak hotek	N/A









nek nb	IEC 60598-2-4	And stek anbotek	Vupo,
Clause	Requirement - Test	Result - Remark	Verdict
Anbo	Copatek Anbore Ant	otek Anbo k Anbotek	- Aupo
Anbo.	Green-yellow for earth only	Thotak Aupo, W.	N/A
4.10 (5.3.1.1)	Internal wiring connected directly to fixed w	riring	N/A
riek Anbore	Cross-sectional area (mm²)	Anboter Anboter A	N/A
Lotek Anb	Insulation thickness	An otek Anboten	N/A
no otek	Extra insulation added where necessary	Ann otek anbotek	N/A
4.10 (5.3.1.2)	Internal wiring connected to fixed wiring via device	internal current-limiting	N/A
ak Anbotek	Adequate cross-sectional area and insulation thickness	Anbotek Anbotek Anb	N/A
4.10 (5.3.1.3)	Double or reinforced insulation for class II	Aupor Aur Motek	N/A
4.10 (5.3.1.4)	Conductors without insulation	Aupolo. Aur.	N/A
4.10 (5.3.1.5)	SELV current-carrying parts	ek Anboree Anbo	Phote
4.10 (5.3.1.6)	Insulation thickness other than PVC or rubber	potek Anbotek Ambot	N/A
4.10 (5.3.2)	Sharp edges etc.	Anbor An botok An	- I
-K NO	No moving parts of switches etc.	Anbor An hotek	^{Aupote} P
oole bu	Joints, raising/lowering devices	Anbote K Motek	N/A
Aupoter An	Telescopic tubes etc.	ak Auporen Aun	N/A
Auporon	No twisting over 360 ⁰	otek Anboros Antis	F Panb
4.10 (5.3.3)	Insulating bushings:	botek Anbotes Anbo	N/A
k Anboren	- suitable fixed	hotek Anbores Ant	N/A
otek Anbot	- material in bushings	Anbotek Anbotek	N/A
work and	- material not likely to deteriorate	k hotek Anbotek	N/A
ntek otek	- cables with protective sheath	And stek Anbotek	N/A
4.10 (5.3.4)	Joints and junctions effectively insulated	oron Amb	N/A
4.10 (5.3.5)	Strain on internal wiring	Inpores Anbu stek anb	N/A
4.10 (5.3.6)	Wire carriers	Aupolek Aupo Au	N/A
4.10 (5.3.7)	Wire ends not tinned	Anbotek Anbo	N/A
upotek Pup	Wire ends tinned: no cold flow	. Anborek Anton	Botek
botek	Upor Aurotek Vupotek Vupot	Lok shotek Anbote	Vu.,
4.11 (8)	PROTECTION AGAINST ELECTRIC SHO	CK	Anb
4.11 (8.2.1)	Live parts not accessible	Upor by	P A

4.11 (8)	PROTECTION AGAINST ELECTRIC SHOCK		<u> 7</u> 0	0-
4.11 (8.2.1)	Live parts not accessible	Anboli	Р	Vup.
cotek Anbote	Basic insulated parts not used on the outer surface without appropriate protection	iek Vi	ootek Anbotek	P.









Clause	Requirement - Test Result - Remar	k Verdict
Aupore	With Tark Visoles Vison William Woles Williams	to tek oupo
	Basic insulated parts not accessible with standard test finger on portable, settable and adjustable luminaires	botek Anbolek P
potek Aupr	Basic insulated parts not accessible with Ø 50 mm probe from outside, other types of luminaires	Anborek N/A
Anbotek	Lamp and starterholders in portable and adjustable luminaires comply with double or reinforced insulation requirements	N/A
ek Vupo	Basic insulation only accessible under lamp or starter replacement	N/A
10k	Protection in any position	anbotek Anbot P
16K	Double-ended tungsten filament lamp	N/A
Vupo,	Insulation lacquer not reliable	N/A
Anborek	Double-ended high pressure discharge lamp	otek Anbor N/A
k Anbot	Relevant warning according to 3.2.18 fitted to the luminaire	N/A
l.11 (8.2.2)	Portable luminaire adjusted in most unfavourable position	Anbotek Anb Polit
l.11 (8.2.3.a) Class II luminaire:	N/A
Anbotek Anbotek	basic insulated metal parts not accessible during starter or lamp replacement	nbotek Anbote N/A
stek Ant	- basic insulation not accessible other than during starter or lamp replacement	N/A
nbotek	- glass protective shields not used as supplementary insulation	N/A
l.11 (8.2.3.b	BC lampholder of metal in class I luminaires shall be earthed	N/A
.11 (8.2.3.c) Class III luminaires with exposed SELV parts:	N/A
iek Anb	Ordinary luminaire:	N/A
botek P	- touch current	N/A
abotek	- no-load voltage	N/A
abotek	Other than ordinary luminaire:	N/A
hotel	- nominal voltage	N/A
.11 (8.2.3.d) PELV circuits with exposed current carrying parts:	N/A









		IEC 60598-2-4			
Clause	Requirement - Test	notek Anbote	Result - Remark	p. społek V	/erdict
Aupor	His stek Vupoter	VUSA P	Joseph Aupon	P	00po
	- voltage under load/ no	-load AC (V)	botek Anboten	Anbe	N/A
k Aupotek	- voltage under load/ no (V):	-load DC	Anbotek Anbote	otek Anbote	N/A
Oto. And	Other than ordinary lum	inaire:	Anbore. An	work and	N/A
inposer Aus	- voltage under load/ no	-load AC (V)	K. Anbore	Ann Otek	N/A
Anbotek	- voltage under load/ no (V)	-load DC	ctek Anbores	Anbotek	N/A
L hotek	One pole insulated if red	quired	lipo, ek pote	K Anbore	N/A
4.11 (8.2.4)	Portable luminaire have independent of supporti		Anbotek Anb	otek Anbote	P
4.11 (8.2.5)	Compliance with the sta or relevant probe	ındard test finger	Anbotek A	nbotek An	Pek
4.11 (8.2.6)	Covers reliably secured	Anbotek Anbo	Jek Vup	abotek	Boon
4.11 (8.2.7)	Discharging of capacitor	rs ≥ 0,5 μF	potek Anbe	· abotek	N/A
tek Anborek	Portable plug connected capacitor	d luminaire with	Anbotek Anbot	tek Anhotek	N/A
ipotek Pupe	Other plug connected lu capacitor	ıminaire with	Anbotek A	hotek inbo	N/A
Aupoter A	Discharge device on or	within capacitor	OK Anboren	And	N/A
Anboren	Discharge device moun	ted separately	botek Anbores	And	N/A
4.11.1 (-)	Class I luminaire with ba	ayonet lampholder:	botek Anbotek	Aup	
ek Anbotek	- cap not accessible with	n test finger©	botek Anbo	les Aup	N/A
otek nabo	- metal lampholder is ea	arthed	And Latek An	Posek Vupo.	N/A

4.12 (12)	ENDURANCE TEST AND THERMAL TES	Ttek Anbotek Anbo	- hotel
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	lek Pup
4.12 (12.3)	Endurance test:	Anbotes Anbo	ibote ^K P A
otek Anbo	- mounting-position	(see Annex 2)	
Anborek Anh	- test temperature (°C)	50°C	
Anbotek	- total duration (h)	240 h	
Anbotek	- supply voltage: Un factor; calculated voltage (V)	264VAC for LED adapter	
View Vie	- lamp used	LED And And And	
4.12 (12.3.2)	After endurance test:	Aupoten Auco	









	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
Anbotek	- no part unserviceable	otek Anbotek Anbotek	P
Anbotek	- luminaire not unsafe	ho tek nobotek Anbo	Р
tek anbote	- no damage to track system	Aupo, W. Vipotek W.	N/A
tek anb	- marking legible	Anbo etek Anbotek	Р
ipo. tek	- no cracks, deformation etc.	Anba tek anbotek	Р
4.12 (12.4)	Thermal test (normal operation)	(see Annex 2)	B _{/po}
4.12 (12.5)	Thermal test (abnormal operation)	potek Aupo, tek apol	P An
4.12 (-)	Overturned position	anbotek Anbou ek al	N/A
4.12 (12.6)	Thermal test (failed lamp control gear cond	ition):	botek
4.12 (12.6.1)	- case of abnormal conditions	Anbotek Anbotek	N/A
Anbotek A	- electronic lamp control gear	ek Anbotek Anbot	N/A
Anbotek	- measured winding temperature (°C): at 1,1 Un	botek Anbotek Anbote	N/A
anbotek Anbotek	- measured mounting surface temperature (°C): at 1,1 Un	Anbotek Anbotek Anb	N/A
Potek Vupo,	- calculated mounting surface temperature (°C)	Anbotek Anbotek	N/A
Aupole K	- track-mounted luminaires	k Aupore Aur Motek	N/A
4.12 (12.6.2)	Temperature sensing control	ootek Anbore An hotel	-Ant
Anbore	- thermal link	abotek Anbote Ant	N/A
k Aupole	- manual reset cut-out	botek Anbote Ans	N/A
otek Anbot	- auto reset cut-out	Anbotek Anbotes A	N/A
unbotek Ant	- measured mounting surface temperature (°C):	k Wipotek Wipotek	N/A
Aupor	- track-mounted luminaires	otek Anbor An botek	N/A
4.12 (12.7)	Thermal test (failed lamp control gear in pla	astic luminaires):	rek P
4.12 (12.7.1)	Luminaire without temperature sensing con	trol botek Aupone Am	N/A
4.12 (12.7.1.1)	Luminaire with fluorescent lamp ≤ 70W	Anbotek Anbotek An	N/A
upo tek	Test method 12.7.1.1 or Annex W:	Anbo tek abotek	_
Aupon	Test according to 12.7.1.1:	otek Anbo. Anbotek	N/A
Anbore	- case of abnormal conditions:	hotek Anbors Ans	_
Anbore	- Ballast failure at supply voltage (V):	aupotek Aupote Au	_
tek Anbote	- Components retained in place after the test	Anbotek Anbotek	N/A









10. You	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
Vupo.	otek pupore Ame	otek Anbo	- Vupose
k Anbotek	- Test with standard test finger after the test	nbotek Anbotek Anbo	N/A
-K Mote	Test according to Annex W:	Anbore Arr. botek Ar	N/A
ofe. And	- case of abnormal conditions	Anbore And hotek	_
inbotek Am	- measured winding temperature (°C): at 1,1 Un	ek Anbotek Anbotek	_
Anbotek	- measured temperature of fixing point/exposed part (°C): at 1,1 Un	botek Anbotek Anbot	
stek Anbotel	- calculated temperature of fixing point/exposed part (°C)	Anbotek Anbotek An	<u> </u>
botek Anb	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
Aupor	- case of abnormal conditions	potek Aupor Ar Pot	
tek Anbotek	- measured winding temperature (°C): at 1,1 Un	Anbotek Anbotek An	
ibotek Aribo	- measured temperature of fixing point/exposed part (°C): at 1,1 Un	Anbotek Anbotek	· —
Anbore, An	- calculated temperature of fixing point/exposed part (°C)	k Anborek Anborek	_
hotek	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
work an	- case of abnormal conditions	Ann Motek Anbotek	_
Anbotek	- Components retained in place after the test	otek Anbotek Anbotek	N/A
Anborek K Anborek	- Test with standard test finger after the test	inbotek Anbotek Anb	N/A
4.12 (12.7.2)	Luminaire with temperature sensing contro	Anbo Lek abotek A	N/A
or by	- thermal link	Yes No	_
Aupor Sir	- manual reset cut-out	Yes No	
Aupor	- auto reset cut-out	Yes No	_
Anbore	- case of abnormal conditions	hbotek Anbor Att	_
otek Anbore	- highest measured temperature of fixing point/ exposed part (°C):	Anbotek Anbotek Ar	_
hotek Ant	Ball-pressure test:	See Table 4.15 (13.2.1)	N/A

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	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
Anbo	Botek Anboro And	notek Anbo sek spotek	Anbo
4.12 (-)	Test overturned position (overturns < 15°)	hotek Anbore An	N/A
4.40.40\\\	DESIGNATION TO PURE SOUR OR VEGE	PART MOIOTURE	otek
4.13 (9)	RESISTANCE TO DUST, SOLID OBJECT	Not Albo, N	po' P
4.13 (-)	If IP > IP 20 the order of tests as specified	, sek vipo,	Aupo,-
4.13 (9.2)	Tests for ingress of dust, solid objects and	moisture:	Antore
Aupor	- classification according to IP:	IP20	-nbo
Anbore	- mounting position during test:	Normal installation	ek An
Anborer	- fixing screws tightened; torque (Nm):	0.4Nm	otek
ek Anbote	- tests according to clauses:	Clauses 9.2.0	of etc.
otek Anb	- electric strength	Anbotek Anbotek	Anb Prok
-otek D	a) no deposit in dust-proof luminaire	And wotek Ambotek	N/A
Aug otek	b) no talcum in dust-tight luminaire	ole Antiotek Anbotek	N/A
Anto	c) no trace of water on live parts	ribotes And stek anbot	N/A
anbotek Anbotek	d) no accumulation of water in waterproof luminaire	Anbotek Anbotek An	N/A
otek Anbo	e) no water in watertight luminaire	Anbotek Anbotek	N/A
hotek Ar	f) no contact with live parts (IP 2X)	k hotek anbotek	And P
Anbotek Anbotek	f) no entry into enclosure (IP 3X and IP 4X)	botek Anbotek Anboten	N/A
k Anborek	f) no contact with live parts (IP3X and IP4X)	Anbotek Anbotek Ant	N/A
otek Anbot	g) no trace of water on part of lamp requiring protection from splashing water	Anbotek Anbotek	N/A
unbotek An	h) no damage of protective shield or glass envelope	ek Anbotek Anbotek	N/A
4.13 (9.3)	Humidity test 48 h	Humidity: 93% Temperature: 25°C	Pinto
r Pupote	And Alboren And	abotek Anbote An	notek
4.14 (10)	INSULATION RESISTANCE AND ELECT	MOLE, DILL	Up
4.14 (10.2.1)	Insulation resistance test	Class III	Aupo P
	Cable or cord covered by metal foil or	and and	N/A

4.14 (10)	4.14 (10) INSULATION RESISTANCE AND ELECTRIC STRENGTH			Upo,
4.14 (10.2.1)	Insulation resistance test	Class III	bolek	Anbore
Aupotek Will	Cable or cord covered by metal foil or replaced by a metal rod of mm Ø:	Anbotek Anbotek	Anbotek	N/A
Anbotek abotek	Insulation resistance (M Ω): SELV/PELV:	Anbotek Anbotel	stek Anbol	P And
kotek Anbotel	- between current-carrying parts of different polarity:	100ΜΩ	nbotek Ar	pote P





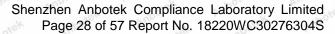




	IEC 60598-2-4		
Clause	Requirement - Test	Result - Remark	Verdict
Anbotek	- between current-carrying parts and mounting surface:	100ΜΩ	ek P Ar
riek Anbo	- between current-carrying parts and metal parts of the luminaire:	Anbotek Anbotek A	N/A
nbotek Ar	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts:	tek Anbotek Anbotek	N/A
Anbotek	- Insulation bushings as described in Section 5:	potek Anbotek Anbot	N/A
Anbo	Other than SELV/PELV:	Vupotek Vupo.	botek
lek Aupo	- between live parts of different polarity:	100ΜΩ	, otP
ipotek Ari	- between live parts and mounting surface	100ΜΩ	Prek Anborek
Aupo	- between live parts and metal parts:	lek Aupo rek apotek	N/A
Anbo,	- between live parts of different polarity through action of a switch:	botek Anbot Anbotek Anbot	N/A
potek Anbot	- 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	N/A
Anborek	- Insulation bushings as described in Section 5:	ek Anborek Anborek	N/A
4.14 (10.2.2)	Electric strength test:	bo tek abotek Anbote	- An-
k Pr.	Class of protection:	Class III	P
Y VIII	Dummy lamp	Anbore & Min Morek	N/A
	Luminaires with ignitors after 24 h test	Anbore. And sorek	N/A
	Luminaires with manual ignitors	k Anbore. And	N/A
Anboten	Test voltage (V):	ootek Anboten Anti-	- nb
Anbotek	SELV/PELV:	notek Anbotek Anbo	-ek
	- between current carrying parts of different polarity:	500V	nbotek P
hotek And	- between current carrying parts and mounting surface:	500V	AnboPk atek
Anbotek	- between current-carrying parts and metal parts of the luminaire:	otek Anbotek Anbotek	N/A
Anbotek 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	N/A





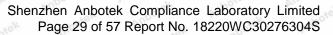




rek on	IEC 60598-2-4	And stek anbotek	Anbore
Clause	Requirement - Test	Result - Remark	Verdict
Anbo	Her Autores Arms	otek Anbour Arel	k anbor
	- Insulation bushings as described in Section 5:	Inbotek Anbotek Anbo	N/A
Vus Vie	Other than SELV/PELV:	Anbore And And	Opotek
oter Pupp	- between live parts of different polarity:	Anboten Antibatek	N/A
inbotek And	- between live parts and mounting surface	2960V	Anborek
Anbotek	- between live parts of different polarity through action of a switch:	2960V	Pupo.
tek Anbotel	- 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 Ar	N/A
Anbotek A	- Insulation bushings as described in Section 5:	lek Anbotek Anbotek	N/A
4.14 (10.3.1)	Touch current or protective conductor current (mA):	0.03mA	ek P Anbr

4.15 (13)	RESISTANCE TO HEAT, FIRE AND TRACKING		workel+-
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)	PP
4.15 (13.4.1)	Proof tracking test (IEC 60112)	pott Ant botek Anbote	N/A
ok hotek	- part tested	Anbore Anborek Anbo	N/A





Verdict

Result - Remark



Clause

100.	Anborek Anbore	IEC 60598-2-4	Anbo	nbotek	Anboro
Clause	Requirement - Test	Aria Motek Anbot	Result - Remark	hotek	Verdict

Clause	Requireme	nt - Test		Result	- Remark	abore	Verdict
Anbo	Anbotek	Anbore	Andorek	Anbotek	Anbo	Anbotek	Anbore
VIII	c aborek	Anbo EN	I IEC 60598_1	ATTACHMEN'	T Pur	Aupotek	Aupo

ATTACHMENT TO TEST REPORT IEC 60598-1 EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES

Luminaires

Differences according to: EN IEC 60598-1: A11: 2022

TRF template used.....: EN IEC 60598-1:2021 Ed. 1.1

Attachment Form No. EU_GD_IEC 60598_1

Attachment Originator.....: Anbotek

Requirement + Test

Master Attachment..... 2023-02-16

	CENELEC COMMON MODIFICATIONS (EN)	
4 Anborek	CONSTRUCTION	P P
4.11.6	Following completion of these test, add the following test: the test voltage however being reduced to 1500V	P hbotek
5 motek	EXTERNAL AND INTERNAL WIRING	And P atel
5.2.2	Replace "IEC 60227 (all parts) and IEC 60245 (all parts), by EN 50525 (all parts), and delete paragraph 2.	P ^{bo}
rek hote	Replace table 5.1 – by the following new table	P
12	ENDURANCE TESTS AND THERMAL TESTS	pote P
12.4.2c	Thermal test (normal operation) see footnote c to table 12.2 relating to unsleeved fixed wiring	Anb Pen Anbotek
Anbotek Anbotek Anbotel	In table 12.2 footnote add the following: -after European installation standards (HD 60364 all parts) and (HD 384 all parts) -after European cable standard (EN 50525 all parts)	PAnbo ek Ar
ZB	Addition of Annex ZB, Special national conditions and Annex ZC	Anbore P ok







100.	Anborek Anbore	IEC 60598-2-4	Anbo	nbotek	Anboro
Clause	Requirement - Test	Aria Motek Anbot	Result - Remark	hotek	Verdict

	EN IEC 60598_1 ATTACHMEN	IT Anbore And	
Clause	Requirement + Test	Result - Remark	Verdict
k Anbotek	Denmark: supply cords of class I luminaires which are delivered without a plug, shall be provided with a visible tag with the following text	otek Anbotek Anbo	N/A
3.3 Anborek	Vigtigt! Lederen med grøn/gul isolation må kun tilsluttes en klemme mærket	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek Anbo
5.2.18	Denmark	Polick Pripotek Vuj	N/A
hborek Anborek	Socket-outlets intended for providing power to other appliances shall be in compliance with SD 60884-2-D1:2017	Anborek Anborek	N/A
5.2.1	Cyprus	Anbor An bore	N/A
tek Anbote	Domestic luminaites intended for connection to a standard United Kingdom 13A socket must be prefitted with an approved plug complying with BS 1363	lotek Anbotek Ant	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	Anbotek Anbotek	N/A
Anbo	Denmark	Anbo otek onb	N/A
otek Anb	Supply cords on single-phase portable luminaires having a rated current not exceeding 13A	potek Anbotek A	N/A
Anbotek A	For luminaires having an aooliance inlet, the plug on the supply cord shall comply with te above requirements	Anbotek Anbotek	N/A
Anbotek Anbotek	If multi-phase luminaires and single-phase luminaires having a rated current exceeding 13A are provided with a supply cord with a plug, the plug shall comply with the following table or EN 60309.	otek Anbotek Anbotek	N/A
Joseph Ando	Finland	Anbore Anbo	N/A
Anbotek Anbotek Anbotek	For luminaires provided with non-detachable flexible calbles and cords and a plug, the plug shall comply with the requirements of SFS 5610 and EN 50075, the Standard sheets to be applied being as follows	k Anbotek Anbotek Anbotek Anbotek	N/A





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20K	anbotek Anbote	IEC 60598-2-4	Anbo tek Anbotek	Anboro
Clause	Requirement - Test	Ans hotek Anbote	Result - Remark	Verdict

Anborek	EN IEC 60598_1 ATTACHME	NT Anboten Anbotek	nbo
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.	Inbotek Anbotek Anbotek	P Anbotek
Anboy A	This European Standard falls under Directive 2014/35/EU	Anbotek Anbotek	Au Dayen





-tek	anbotek Anbo	not not	IEC 605	98-2-4	Arr	ek .	abotek	Anbo
Clause	Requirement - Tes	st	potek	Anbotek	Result - Re	emark	Anborek	Verdict
4.7 (11.2)	TABLES: Creepage	distances	and cle	arances	re. An	Anbotek	Anbotel	P P
Table 11.1	Minimum distances	(mm) for	a.c. (50/	60 Hz) s	sinusoidal	voltages	Anb	P
RMS worki	ng voltage (V) not exce	50	150	250	500	750	1000	
Creepage	distances	h.	sk p	upote.	Ame	2K	botek	Anbo.
Required b	asic insulation, PTI ≥ 6	00	0,6	6,0	1,5	3	4	5,5
Measured	anbotek Anbo	a)r	wolek	Anbot	Am	, idt	-notel	- 4 upo
Required b	asic insulation, PTI < 6	00	1,2	2 1,6	2,5	5	8	10
Measured	tek obotek	Anbo.	2.1	tel	Vupole.	Pun		botek
Required s	upplementary insulation	n PTI ≥ 60	0 -	0,8	1,5	3	4	5,5
Measured	And tek mbotek	Anbo	A No.	holok	Pulpoje V	bu	-tek	Anbatek
Required s	upplementary insulation	n PTI < 60	0 -	1,6	2,5	5	8	10
Measured	Aug.	'upo,	bu.	016H 0	"lipote"	PUP.	ek	
Required re	einforced insulation		-	3,2	5	6	8	11
Measured	otek Anbo	abotek	Vupo,		VOIEN.	Anbor	br	rek.
Clearance	Spotek Anbo	abotel	k pr	boto	Ann	Ant	otek	Vupo.
Required b	asic insulation		0,2	2 0,8	1,5	3	4	5,5
Measured	Anbotek Anbo	*ek	150te × 2.1	Aupole	- Arra	-otol-	AUDOJEK	bupo.
Required s	upplementary insulation	า	-	0,8	1,5	3	4	5,5
Measured	otek anbotek A	upo.	V/0,	P	'upote,	Vun	· NO	otek
Required re	einforced insulation		-	1,6	3	6	8	11
Measured	nb otek nnbotek	Aupor	bu.	-potek-	Pupole.	Anv	Net-	unbetek
Table 11.2	Minimum distances	s (mm) for	r non-si	nusoida	l pulse vo	Itages	'Up atek	nbote
Rated puls	e voltage (peak kV)	2,0	2,5	3,0	4,0	5,0	6,0	8,0
Required c	learances	1,5	2	3	4	5,5	8	
Measured	ter Aupo tek	hispos.	P	Notek.	ANDOYE	bus	rek-	
Rated puls	e voltage (peak kV)	12	15	20	25	30	40	
Required c		11	14	18	25	33	40	60
Measured	Anbotek Anbo.	ok	otek	Aupole.	Ant	otel -	Anbotek	PUPO.
Rated puls	e voltage (peak kV)	50	60	80	100	-	-	-
Required c	learances	75	90	130	170	-	-	-

Measured







bo	anbotek Ant	Jose Min	IEC 60598-2-4	Anbo	anbotek	Anbore
Clause	Requireme	nt - Test	Anbote Anbote	Result - Remark	hotek	Verdict

3.15 (13.2.1) TABLE: Ball Pr	essure Test of Ther	moplastics	hotek Anbotek	N/A
Allowed impression diame	eter (mm)	abotek Anbote	Yun Potek Vupot	_
Object/ Part No./ Material	Manufacturer/ trademark	Test temperature (°C)	Impression diame	ter (mm)
nbotek Anbore An	-otek Anbotek	Anbotel	- Anboro	Yu. Potek
abotek Anbore	Wine Pubote	Aupo	orek Aupore	bu.
Supplementary information:	And hotek Anti	otek Anbourtek	nbotek Anbote	K VUD

3.15 (13.3.1)	TABLE	E: Needle-flame test (IE	C 60695-11-5)	Anbotek A	nbotek Ant	N/A
Object/ Par Material	t No./	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
tek Aupo	rek	inbo tek abotek	Anbore An	-otek Anbo	ek Anbo	rek h.
- rek	nbotek	Anbo. ek abote	K Anbore	kup otek	botek Anb	ak
Supplemen	tary info	ormation:	otek Anboter	Ann	Anbotek P	upo,

3.15 (13.3.2)	TABLE	:: Glow-wire test (IEC 60695-	2-11)	otek Anbotek	ak Anbore	P ⁿ Anh
Glow wire	temper	ature	650°C	nbotek Anbo	Pr.	_
Object/ Par Material	rt No./	Manufacturer/ trademark		Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
LED cover	AUG	See the annex 1	k bojek	No Anbore	0 Ame	Pass
Plastic enc	losure	See the annex 1	ok ho	No Anbore	O Amb	Pass
LED PCB	40K	See the annex 1	Pois Vien	No.4	O AMB	Pass
		ng of the sample extinguished ng or molten drop did not ignit				botek
Supplemen	ntary info	ormation:	botek	Anborek	Aug	Anbotek







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Po.	nbotek	Anboro	bur	IEC 60598-2-4	Aupo.	Anbotek	Anbore
Clause	Requ	uirement - Tes	st Am	hotek Anbote	Result - Remark	(Anbotek	Verdict

TABLE: Proof	tracking test (IEC 60)112)				N/A
PTI		. 175 V	nbotek	Anbore	Dr.	_
No./ Material					Verdict	
aborek	Arbore Air	Anborr	Aupo	16/-	abotek	Auporo
•	ak hoter	PTI	No./ Material Manufacturer/ Withstand	PTI	PTI	PTI





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so to	Anbotek Anbote	IEC 60598-2-4	Anbo	Anbotek	Anboro
Clause	Requirement - Test	An-	Result - Remark	nbotek	Verdict

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Plastic enclosure for light strip	_{oot} eB	BASF SE	Ultramid A3X2G5	V-0, min 1,5mm	UL 94	UL Anbotek
LED cover for light strip	Anbore B Anbor	LANXESS Deutschland GmbH	DURETHA N T 40 ZS 000000	V-2, min 1,5mm	UL94	UL And
Plastic enclosure	k B	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	AC230(+)	Anbotek	UL 94	UL E162823
LED adapter (EU)	В	SHENZHEN LINKSOONER TECHNOLOGY CO LTD	YXTA48EU -2402000	Input: 200- 240VAC, 50/60Hz, 1.0A Output: 24VDC, 2A, 48W, PF≥0.9, ta:40°C, tc:75°C, for LED modules only	EN 61347-1 EN 61347- 2-13	CE
LED adapter (UK)	Anbore Birth	SHENZHEN LINKSOONER TECHNOLOGY CO LTD	YXTA48UK -2402000	SELV Input: 200-240V, 50/60Hz, 1.0A Output:24VDC, 2A, 48W 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 Anborek Anborek	B	Shenzhen Huaqiu Electronics Co., Ltd.	HQPCB- 4(ASP1)	Multilayer printed wiring boards V-0, 130°C, Complied with UL796.	UL 796	UL E469747
LED type	C	Lumileds Holding B.V.	L1HX	6500K, 2,8V, max. 700mA, 343lm	IEC TR 62778	Tested with appliance



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Po.	nbotek	Anboron	Pilip	IEC 60598-2-4	Aupo, stek	anbotek	Anboron
Clause	Requ	irement - Test			Result - Remark		Verdict

Supplementary information:

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

The codes above have the following meaning:

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

License available upon request.







		r 61.	EC 60598-2	4 Amb				
Clause	Requirement - T	est	otek Ant	Result	- Remark	abotek	Verdict	
Aupo.	F. botek Anth	Ose Viv	a rok	hotek	Aupo	hotek	· Aup	
ANNEX 2	temperature m	easuremen	ts, thermal t	ests of Se	ction 12	V.U.	ek -	
Anboter	Type reference.			140,	C Anbote	And		
rek Anbore	Lamp used		Aupole.	: LED	rek Anb	otek M		
	Ballast used	K	k Vupo _{te}	: LED a	dapter	nbotek		
, rek	Mounting position	on of lumina	ire	: norma	al use	upotek		
Anbo	Supply wattage	(W)		: 36.5W	Anbou	nbotek		
Aupo.	Supply wattage Supply current ((A)		.: 0.219/	A Anbo	200		
anbotel Anbote	Calculated pow				for LED ada	apter		
otek anb	Table: measure	d temperatu	res corrected	for Ta=40	°C:	hotek	Aupo	
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	- abnormal oper	rating mode	nbotek Anbotek Anbotek Anbotek	shorte shutdo tempe compo tempe compo	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.			
	- test 1: rated vo	oltage	rek hopo	P.U.		anbotek		
Anbotek	- test 2: 1,06 tim 1,05 times rated			240VA	240VAC*1.06=254.4VAC			
Anbotek	- test 3: Load on wiring to socket-outlet, 1,06 times voltage or 1,05 times wattage:			- Aupotek	Albotek Anbotek Anb			
otek Pupo,	- test 4: 1,1 time 1,05 times rated			Anbo.	otek An	ootek I		
nbotek Ar	Through wiring by a current of A				nbotek	Anborek		
emperature (°C) of part		clause 12.	4 – normal			e 12.5 – ormal	
		test 1	test 2	test 3	limits	test 4	Limit	
rek anbot	Yup Yek	abotek	Aupore	bu.	tek out	oter p	up	
c for LED ada	pter	/bote	53.6	- Pub	75	Motek	Anbo.	
Center for LED	adapter	- Pur	48.3	oter - b	Ref.	* nbetek	Aupore	
		1000			1 - 133	1363.7		

49.7

53.6

61.5

49.0

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Input wire for LED module

LED PCB

LED module

LED cover



80

130

Ref.

80

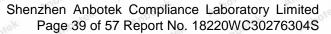




Shenzhen Anbotek Compliance Laboratory Limited Page 38 of 57 Report No. 18220WC30276304S

sek .	abotek Ar	ipole Au	IEC 60598-2-	-4 Anb	48K	abotek	Anboro
Clause	Requirem	ent - Test	work Ant	Result	- Remark	abotek	Verdict
Aupo	A. Stek	Anbores A	''n	hotek	Aupo.	p. atel	c anbor
Internal wire		botek	45.6	Arr. Potek	80	PUPP.	- You
Enclosure	k Aupo	ak botak	48.1	Vun Viek	90	Aup	rok_
Mounting sur	rface	k bus	46.8	PUP	90	lek b	1,00,



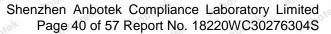




20 E	nbotek Anbote A	IEC 60598-2-4	Anbo	nbotek	Anbore
Clause	Requirement - Test	Anborek Anbore	Result - Remark	anbotek	Verdict

ANNEX 3	screw terminals (part of the luminaire)	N/A M
(14)	SCREW TERMINALS	N/A
(14.2)	Type of terminal:	
inpoter Aut	Rated current (A)	
(14.3.2.1)	One or more conductors	N/A
(14.3.2.2)	Special preparation	N/A
(14.3.2.3)	Terminal size	N/A
stek Anbote	Cross-sectional area (mm²)	N/A
(14.3.3)	Conductor space (mm):	N/A
(14.4)	Mechanical tests	N/A
(14.4.1)	Minimum distance	N/A
(14.4.2)	Cannot slip out	N/A
(14.4.3)	Special preparation	N/A
(14.4.4)	Nominal diameter of thread (metric ISO thread):	N/A
in otek or	External wiring	N/A
Ann	No soft metal	N/A
(14.4.5)	Corrosion	N/A
(14.4.6)	Nominal diameter of thread (mm):	N/A
er Aupo	Torque (Nm)	N/A
(14.4.7)	Between metal surfaces	N/A
Anborek Ar	Lug terminal	N/A
Anbotek	Mantle terminal	N/A
anbotek	Pull test; pull (N)	N/A
(14.4.8)	Without undue damage	N/A







bo.	anbotek .	Aupora	Pur.	IEC 60598-2-4	Aupo	anbotek	Anbore
Clause	Requ	irement - Tes	t Pu.	hotek Anbote	Result - Remark	Anbotek	Verdict

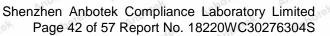
ANNEX 4	screwless terminals (part of the luminal	re) Anbo	by
(15)	SCREWLESS TERMINALS	Anbore And hotek A	botek-
(15.2)	Type of terminal:	Anbore K Ann Motek	
upoter. Aug	Rated current (A):	Anbore. And	
(15.3.1)	Material	itek Anboten Anti-	N/A
(15.3.2)	Clamping	hotek Anboten Anbo	N/A
(15.3.3)	Stop	hotek Anbotek Anbo	N/A
(15.3.4)	Unprepared conductors	Ann Anbotek Ar	N/A
(15.3.5)	Pressure on insulating material	Ant anbotek	N/A
(15.3.6)	Clear connection method	Ann otek Anbotek	N/A
(15.3.7)	Clamping independently	ier. Vupniek	N/A
(15.3.8)	Fixed in position	botek Anbo tek abot	N/A
(15.3.10)	Conductor size	Anbotek Anbo tek	N/A
lek Vupo.	Type of conductor	Anbotek Anbo sek	N/A
(15.5.1)	Terminals internal wiring	Anbotek Anbot	N/A
(15.5.1.1)	Pull test spring-type terminals (4 N, 4 samples)	ek Anbotek Anbotek	N/A
(15.5.1.2)	Pull test pin or tab terminals (4 N, 4 samples)	potek Anbotek Anbote	N/A
ek Anbores	Insertion force not exceeding 50 N	hotek Anbotes Ant	N/A
(15.5.2)	Permanent connections: pull-off test (20 N)	Anbotek Anbotek	N/A
(15.6)	Electrical tests	ek Aupone Aue Motek	Arbotel
Anbore	Voltage drop (mV) after 1 h (4 samples) .:	Jotek Aupore W Pur	N/A
Anboros	Voltage drop of two inseparable joints	abotek Anbore Am	N/A
Anbores.	Number of cycles:	sbotek Anbores And	N/A
otek Anbote	Voltage drop (mV) after 10th alt. 25th cycle (4 samples):	Anbotek Anbotek	N/A
Aupotek bu	Voltage drop (mV) after 50th alt. 100th cycle (4 samples):	otek Anbotek Anbotek	N/A
Anbotek	After ageing, voltage drop (mV) after 10th alt. 25th cycle (4 samples)	mbotek Anbotek Anbote	N/A
anbotek Anbotek	After ageing, voltage drop (mV) after 50th alt. 100th cycle (4 samples):	Anbotek Anbotek A	N/A
(15.7)	Terminals external wiring	And tok	N/A







				. AE	C 6059	8-2-4					
Clause	Rec	quirement -	- Test	Vun	*ek	Anbore	Result - R	emark	abotek	Ve	erdict
Ambor		otek	nboron	Vug	Yer	000	otek Ar	100,	by,	rek	Pupo
Anbore.	Ter	minal size	and rati	ng N	upo.	ber	botek	Anbore	Anv	Nex N	N/A
(15.8.1)		ll test sprin samples);		erminal	SAnboro	ek l	Aupotek	Anbore	otek Ar	Anbotel	N/A
nbotek Anb		ll test pin c I (N)	or tab ter	minals	(4 samp	les);	Anbore	ek Vur	nbotek	Adna	N/A
(15.9)	Co	ntact resis	tance te	st _{anbo}	ISK	Anbo	ak n	botek	Anbore	1	N/A
p. botek	Vol	tage drop	(mV) aft	er 1 h	botek	Pupe	. o.k	botek	Aupo,	1	N/A
terminal		1	2	3	4	5	6	7	8	9	10
voltage drop (r	nV)	Anboren	And	.ve/	rodra	3/-	Mipo.	by.	rek	Anboten	
io. Pur	tok /	/oltage dro	op of two	insepa	rable joi	nts	Anbore	h bus	"otek	anbot	er-
poise And	, or ex	/oltage dro	p after	10th alt.	25th cy	cle	Anboi	D. D.	no nek	an	potek
Anboren A	N	Max. Allow	ed volta	ge drop	(mV)		iek Ant	oter	PLIDO.	No.	
terminal	- 100	1	2	3	4	5	6	7	8	9	10
voltage drop (r	nV)	u, stek	nbot	SK	Vupo	/4	botek	Anbore	PU	rek	
ek Anborek	\	/oltage dro	p after t	50th alt.	100th c	ycle	hotek	Anbo	10,	D'UP	3K
notek Anbo	N	Max. Allow	ed volta	ge drop	(mV)	o	hote	ik Di	potek	P	
terminal		1	2	3	4	5	6	7	8	9	10
voltage drop (r	nV)	io. M	, ek		otek	Aupo.	re bo	wo tek	Anbois		VUP.
And	(Continued	ageing:	voltage	drop aft	er 10th	n alt. 25th d	cycle	Anb	over	Anb
Anbo otek		Max. Allow	- 4po,		b.).	L	1000	Pupp.	ek ,	nbo	
terminal		1	2	3	4	5	6	7	8	9	10
voltage drop (r	nV)	nbo ³	SIC	AUDO	4	hotek	Anbore	Þ2.	- rek	dn	048r
Anborek Ant	-	Continued	ageing:	voltage	drop aft	er 50th	n alt. 100th	cycle	VIIPO,	F	abotel
anborek	- 40 D.	Max. Allow	-//-	101	916.	MOD	nek n	nbotek	Vupois	-a*	
terminal		1	2	3	4	5	6	7	8	9	10
710.	nV)	V. I.S.	_		-100-			- 31	,	O.E.	

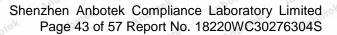




ate/4	Attachment 1: Test report of	IEC 62031	You
Clause	Requirement – Test	Result - Remark	Verdict
Anbo	otek anbore Am ak hotel	Anbo . Atek	Vupore
4	GENERAL REQUIREMENTS	- N	Anbot
4.4 Ambo	Integral modules tested assembled in the luminaire	botek Anbotek Anbotek	P
4.5	Independent modules complies with requirements in IEC 60598-1	Anborek Anborek Anbo	N/A
5	GENERAL TEST REQUIREMENTS	, tek upon b	Aupotok
5.5 Anbot	SELV-operated LED modules comply with Annex I of IEC 61347-2-13	(see Annex 1)	N/A
rek An	General conditions for tests in Annex A	(see Annex A)	P
6	CLASSIFICATION	An k hotel And	otek
Anbole	Built-in module:	Yes No 🖂	_
Anboten	Independent module:	Yes No 🖂	_
Anbor	Integral module	Yes No 🗆	_
ek Ant	For Integral module; Note to 1.2.1 in IEC 60598-1 applies.	Anborek Anborek Anbor	e —
7	MARKING	Anbo. K. tek An	N/A
nbotek	Requirements not applicable to the evaluated pr	roduct.	inbo horel
mote.	k Vupope Hun sek upopek Vupo	k rotek Aupore	bion
8	TERMINALS		-4no.
Arra	Screw terminals according section 14 of IEC 60	598-1:	N/A
oter. b	Separately approved; component list	(see Annex 2)	N/A
Anboien	Part of the luminaire	(see Annex 3)	N/A
Anbotek	Screwless terminals according section 15 of IEC	C 60598-1:	N/A
	Separately approved; component list	(see Annex 2)	N/A
k anbo	Part of the luminaire	(see Annex 4)	N/A
rek	Connectors according IEC 60838-2-2:	atek Anbotek Anbo	N/A
-botek	Separately approved; component list	(see Annex 2)	N/A
9 (9)	PROVISION FOR PROTECTIVE EARTHING	Arr , Ner o	N/A
Anboten	Requirements not applicable to the evaluated pr	roduct.	- Noo's
4 .00	tek Aupon And Alek upolen Aup	ok botek Anboro	- Par
10 (10)	PROTECTION AGAINST ACCIDENTAL CONT.	ACT WITH LIVE PARTS	N/A
	Requirements not applicable to the evaluated pr	roduct.	

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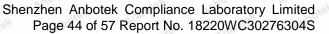
Attachment 1: Test report of IEC 62031										
Clause	Requi	rement	– Test	P11.	rek	Anbotek	Result - Rem	ark	Verdict	
Aupo,	P	4ek	Auporon	Vive	Yo.	hotel	Anbo	atel	k anbore	

11 (11)	MOISTURE RESISTANCE AND INSULATION							
K Anbore	After storage 48 h at 91-95% relative humidity and 20-30 °C measuring of insulation resistance with d.c. 500 V (M Ω):							
Die Die	For basic insulation $\geq 2 \ \text{M}\Omega$:	100ΜΩ	Р					
upo, ok	For double or reinforced insulation \geq 4 M Ω :	Anbor An borek An	N/A					
Anbotek Anbotek	Between primary and secondary circuits in controlgear providing SELV, values in Annex L in IEC 61347-1	ek Anbotek Anbotek	N/A					

12 (12)	ELECTRIC STRENGTH		% N
hotek	Immediately after clause 11 electric strength test for 1 min	Anbotek Anbotek Anb	oteVP
Aupo, ak	Basic insulation for SELV, test voltage 500 V	Aupo, Ar Potek	Aupo P
Aupor	Working voltage ≤ 50 V, test voltage 500 V	k Aupon Au	N/A
Vupo,	Working voltage > 50 V ≤ 1000 V, test voltage (V	Diek Anborrak	N/A
lek but	Basic insulation, 2U + 1000 V	upotek Anbor Anson	N/A
botek	Supplementary insulation, 2U + 1000 V	Anbotek Anbote An	N/A
abotek	Double or reinforced insulation, 4U + 2000 V	nbotek Anbote An	N/A
hotek	No flashover or breakdown	k abotek Anbote	Prek
anbotel Anbote	Solid or thin sheet insulation for double or reinforced insulation fulfil the requirements in Annex N in IEC 61347-1	otek Anbotek Anbotek	N/A

13 (14)	FAULT CONDITIONS	Her
- (14)	When operated under fault conditions the controlgear:	N/A
Aupole	- does not emit flames or molten material	N/A
Anbore	- does not produce flammable gases	N/A
k Aupo	- protection against accidental contact not impaired	N/A
nbotek A	Thermally protected controlgear does not exceed the marked temperature value	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







-tel-	Attachment 1: Test report of	IEC 62031	. ak
Clause	Requirement – Test	Result - Remark	Verdict
- (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
nbotek nbotek	Creepage distances on printed boards less than specified in clause 16 in Part 1 provided with coating according to IEC 60664-3	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 sar	nples:	N/A
Aupor	The insulation resistance \geq 1 M Ω :	Anbor Ar abotek	N/A
Aupora	No flammable gases	ek Aupon Al.	N/A
Anbor	No accessible parts have become live	otek Anbor Arrobotek	N/A
potek Pupe	During the tests, a five-layer tissue paper, where the test specimen is wrapped, does not ignite	Anbotek Anbotek Anbot	N/A
- (14.6)	Relevant fault condition tests with high-power supply	Anborek Anborek	N/A
13.2	Overpower condition	ak botek Anbore	P
yk Aupo,	Module withstands overpower condition >15 min.	hotek Anbotek Anbote	P ^m
otek Ar	Module with automatic protective device or power limiter, test performed 15 min. at limit.	Anbotek Anbotek Anb	N/A
Anothek	No fire, smoke or flammable gas is produced	And notek	upor Pak
Anbotek	Molten material does not ignite tissue paper, spread below the module	tek Anbotek Anbotek	Anlp

15	CONSTRUCTION				- Aur
to tek	Wood, cotton, silk, paper and similar fibrous material not used as insulation	Aupo,	Anbotek	Aupo	P P

16 (16)	CREEPAGE DISTANCES AND CLEARANCES		Vupo.
- (16)	Creepage and distances and clearances in compliance with IEC 61347-1	nbotek	P _{po}
stek Anbo	Insulating lining of metallic enclosures	VUP	ek P







Basic insulation on printed boards tested according to clause 14 Distances subjected to both sinusoidal voltage as non-sinusoidal pulses not less than value in Table 16 Creepage distances not less than minimum clearance		Attachment 1: Test report of	IEC 62031	
according to clause 14 Distances subjected to both sinusoidal voltage as non-sinusoidal pulses not less than value in Table 16 Creepage distances not less than minimum clearance 16 (-) Conductive accessible parts in compliance with applicable parts of IEC 60598-1 17 (17) SCREWS, CURRENT-CARRYING PARTS AND CONNECTIONS Screws, current-carrying parts and connections in compliance with IEC 60598-1 P	Clause	Requirement – Test	Result - Remark	Verdict
according to clause 14 Distances subjected to both sinusoidal voltage as non-sinusoidal pulses not less than value in Table 16 Creepage distances not less than minimum clearance 16 (-) Conductive accessible parts in compliance with applicable parts of IEC 60598-1 SCREWS, CURRENT-CARRYING PARTS AND CONNECTIONS Screws, current-carrying parts and connections in compliance with IEC 60598-1 P	Aupo,	otek nobore And ak hotel	Anbo Arek	Vupoler
as non-sinusoidal pulses not less than value in Table 16 Creepage distances not less than minimum clearance 16 (-) Conductive accessible parts in compliance with applicable parts of IEC 60598-1 17 (17) SCREWS, CURRENT-CARRYING PARTS AND CONNECTIONS Screws, current-carrying parts and connections in compliance with IEC 60598-1 P			lek Anbotek Anbotek	Pot
clearance 16 (-) Conductive accessible parts in compliance with applicable parts of IEC 60598-1 17 (17) SCREWS, CURRENT-CARRYING PARTS AND CONNECTIONS Screws, current-carrying parts and connections in compliance with IEC 60598-1 P	otek An	as non-sinusoidal pulses not less than value in	Anbotek Ambotek Anbotek	ok P Mil
applicable parts of IEC 60598-1 17 (17) SCREWS, CURRENT-CARRYING PARTS AND CONNECTIONS Screws, current-carrying parts and connections in compliance with IEC 60598-1 P	Anbotek		Ambotek Anbotek Ar	oo' P
Screws, current-carrying parts and connections in compliance with IEC 60598-1	16 (-)		ek Anborek Anborek	N/A
Screws, current-carrying parts and connections in compliance with IEC 60598-1	Vien	lak abortek Anber I niek M	phone Au	AUG
	17 (17)	SCREWS, CURRENT-CARRYING PARTS AND	CONNECTIONS	3/4
	potek			Р
	40 (40)			

18 (18)	RESISTANCE TO HEAT, FIRE AND TRACKING	G	" upotel
- (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				Anvotek
Anbore	- test according 4.18.1 of IEC 60598-1	hotek	Anbore	Ann	N/A
tek Anbore	- adequate varnish on the outer surface	hotek	Anbores	Aug	N/A

20	INFORMATION FOR LUMINAIRE DESIGN		N/A
Aupore L	Information in Annex D (informative)	Anbore A. hotek	

21	HEAT MANAGEMENT	Pri Pote
21.1	General Anboret Anboret Anboret Anboret	N/A
sek Ass	Exchangeability is safeguarded by cap or base	N/A
21.2	Heat-conducting foil and paste	N/A
Vupo _{tek}	Heat-conducting foil delivered with the module if necessary	N/A

22	PHOTOBIOLOGICAL SAFETY				VUpo
22.1	UV radiation	Anbore	Ann	Anbotek	N/A
oto, b	Luminous radiation not exceed 2mW/klm	Anborer	Antoniek	anbot	N/A

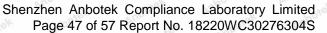




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	Attachment 1: Test report of	FIEC 62031	
Clause	Requirement – Test	Result - Remark	Verdict
Aupo,	otek inbote Amb	Aupo, W. Stek	Auporo
22.2	Blue light hazard		N/A
Anbore	Assessed according to IEC TR 62778	Refer to clasue 4.24.2 of IEC 60598-1	N/A
22.3	Infrared radiation	Anbore K Ante	N/A
botek	Requirements for infrared radiation when required	Anbotek Anbotek Ar	N/A
Hor	Anbores Anbors	rek upotek	PUP
A	ANNEX A - TESTS		Pupode
ek Anb	All tests performed in accordance with the advice given in Annex H of IEC 61347-1, if applicable	Pupotek Vupotek Vupotek	Panto
pore. P	in hotek Anbour Atek	Anbore Am	otek
	ANNEX 1 - SELV-operated LED modules		notek
-otek	SELV-operated LED modules in compliance wi	th Annex I of IEC 61347-2-13	N/A



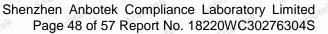




Attachment 2: Test report of IEC TR 62778						
Clause	Requirement – Test	Result - Remark	Verdict			

	IEC TR 62778:2014	
Clause	Requirement + Test Result – Remark	Verdict
5 A	Spectrum, colour temperature, and blue light hazard	potek P
5.1	Calculation of blue light hazard quantities and photometric quantities from emission spectra	Anbot P
5.2 Anbotek	Luminance and illuminance regimes that give rise to tmax values below 100s	Anbore Anbore
7	MEASUREMENT INFORMATION FLOW	P Anb
7.1	Basic flow	potek P
, ok	'Law of conservation of luminance' applied	Anborer P
upo.	Use of only true luminance/radiance values	Amb President
Anbot Anbot	In case of luminaire: The light source is operated in the luminaire under similar conditions as when tested as a component	Pboto Anbi
atek atek	In case E _{thr} value for RG2 was established the peak value was derived from angular light distribution	knbote/P
7.2	Conditions for the radiance measurement	Anbore
Anbote	Standard condition applied (200mm distance, 0,011rad field of view)	k Anbo
Anto	Non-standard condition applied	N/A N
7.3	Special cases (I): Replacement by a lamp or LED module of another type	N/A
bore	Light source is a white light source	N/A
Anbors	Evaluation done based on highest luminance	N/A
Anbo.	Evaluation done based on CCT value	N/A
7.4 Anio	Special cases (II): Arrays and clusters of primary light sources	N/A M
połek A	LED package is evaluated as ⊠RG0 unlimited ☐ RG1 unlimited	nbotek P
Anbotek	E _{thr} of LED package applies to array	N/A
3	RISK GROUP CLASSIFICATION	Pabot
Anbo	Risk group achieved:	ek P An
3K Pi	Risk Group 0 unlimited	otek P







*6K	Attachment 2: Test report of	IEC TR 62778	Anbore
Clause	Requirement – Test	Result - Remark	Verdict

IEC TR 62778:2014						
Clause	Requirement + Test	Result – Remark	Verdict			
5 An	Spectrum, colour temperature, and blue light hazard	Anbotek Anbot Atek	potek P Ar			
5.1	Calculation of blue light hazard quantities and photometric quantities from emission spectra	Anbotek Anbotek	Anbot P			
5.2	Luminance and illuminance regimes that give rise to tmax values below 100s	k Anbotek Anbotek	P Anborek			
-k And	Risk Group 1 unlimited	cote. And botek Anbot	N/A			
połek An	- E _{thr}	Anbotek Anbotek An	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 Mbole	Moderate Risk	0.25-100	10000-4000000	
RG3	High Risk	<0.25	>400000	

IEC TR 62778:2014						
Clause	Requirement + Test	Aupor	Result – F	Remark	oter v	Verdict
TABLE	SPECTRORADIOMETRIC MEASUREM	ENT				P hotel
Tested m	odel number	ak Anb.	notek	H607C	Aupor	iek vup
Tested vo	oltage:	rek k	anbotek.	230Vac	k Vupo	hotek p
Tested cu	urrent	hotek	Anbotek	0.221A	rek bi	nbotek
Tested fre	equency	Ansabotek	Anbor	50Hz	hotek	Anbotek
Ambient t	temperature	Anbo	lek Vu	24.3°C	in abotek	Anborek
Measurer	ment distance	lek bu	botek	100mm	Anbot	ek Wupo
Source si	ize:		Non-small s	source [] Small s	source





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o rek	Attachment 2: Test rep	oort of IEC TR 62778	Anbore
Clause	Requirement – Test	Result - Remark	Verdict

IEC TR 62778:2014					
Clause Requirement + Test	otek o	Result – Remark	Verdict		
Field of Market	hotek	☐ 100 mrad⊠11 mrad☐	1.7 mrad		
Blue light hazard radiance (L _B)	A anbotek	2.37e+01W/(m ² •sr) Anborek		
Blue light hazard irradiance (E _B)	Anbotek	W/m²	lek Aupotek		
Luminance (L)	tek Aupo	cd/m ²	botek Anbote		
Illuminance (Ethr)	"loolek A	lx	Anbotek Anbo		
Calculate distance (d _{min})	-phoofek	Anbourtekmotek	Anboron Ar		

Measurement Uncertainty Statement:

EB, Urel=2.52% (k=2)

LB, Urel=2.84% (k=2)

LR, Urel=2.84% (k=2)







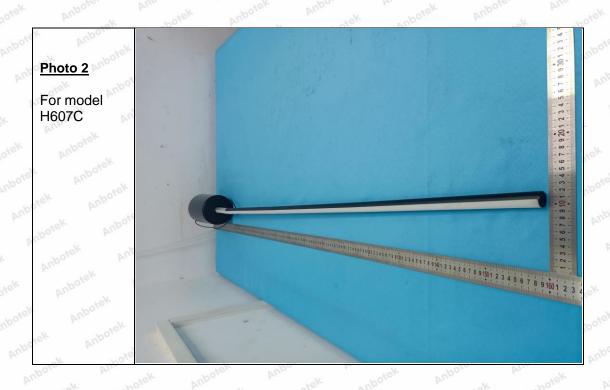
10, b	Attachment 3: Test report	of EN 62493	Anbore
Clause	Requirement – Test	Result - Remark	Verdict

4.2	APPLICATION OF LIMITS (Test summary)				_	
h bu.	Specific	absorption rate (SAR)	abotek Anbo	ν μ	ek anboten	Aup.
a)	Disturba	15 clause 4.3.1 ance voltage mains terminals - 30 MHz	Anbotek Ar	Anbotek An	potek Anbot	P All Jotek
b) Anbore	Radiate	15 clause 4.4 d electromagnetic disturbar z – 30 MHz	nces Anborek	*) Anbotek	Anbotek Anbotek	Amborek Amborek
c) ^k	Radiate	15 clause 4.4.2 d electromagnetic disturban – 300 MHz	ces botek	Anborek Ant	otek Anbote	k P An
*).nbotek	☐ Only	separate Test Report for mea measurement of d) below. In this case this test report of	See measureme	nt results below		Anbotek Anbotek
ok pr	Induced	d current density	Anbotek Anbo	ok pore	k Anbote.	N/A
d)	C-0	current density – 10 MHz	Anbotek An	See measuren below	nent results	N/A
4.2.d	INDUCE	D CURRENT DENSITY			250	
anbotek	Power s	Power supply system utilised:				
anbo'	Voltage	do year	Ofer Pup	k upotek	Anbore	PU.
ek on	Frequer	ncy	, botel Anie	otek anbotel	Yupo,	b.u.
*ek	Environ	mental conditions:	Anboter And	rek nob	yek Aupore	PL.
no rek	Tempera	ature	Anbotek : I	25°C	nbotek Anbo	- N
Pupo.	100	y		52% R.H.	abotek Ar	10010 -K
Aupo	EuT ope	eration mode:	otek Anbotek	Anbo	hotek	Pupote 7
Anbo	⊠ Norr	mal operation	kotek Anbote	Aupo	abotek	Anbore
ant Ant	☐ Othe	er operation:	no cotek Anbi	stek Anbo.	ek abotek	-Aup.
4.2.d	MEASU	MEASUREMENT RESULTS				
ruposek	Measuri	Measuring with "Van der Hoofden" test head			ootek_	
Location of	of EuT	Measuring distance	Result (F)	Li	mit (F)	Verdict
Front of E	ŭΤ _{Anb} c	50 cm	tek Vupp	abotek	0,85	N/A
Rear of E	uT ^k ⊳	50 cm	hotek _Anbo.	ak abotek	0,85	N/A
Side of Eu	JT Net	50 cm	botek - Anbo	p.	0,85	N/A





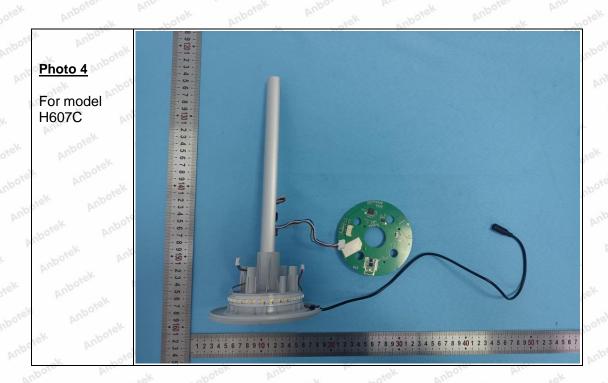








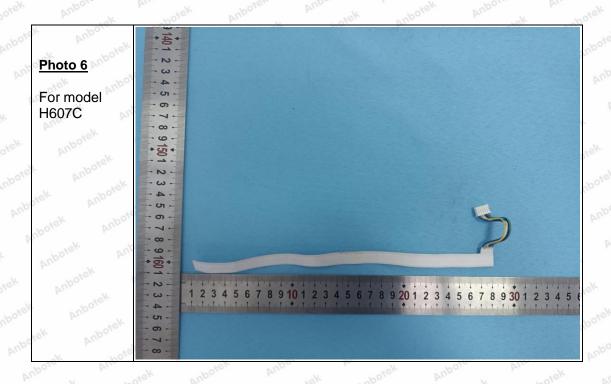






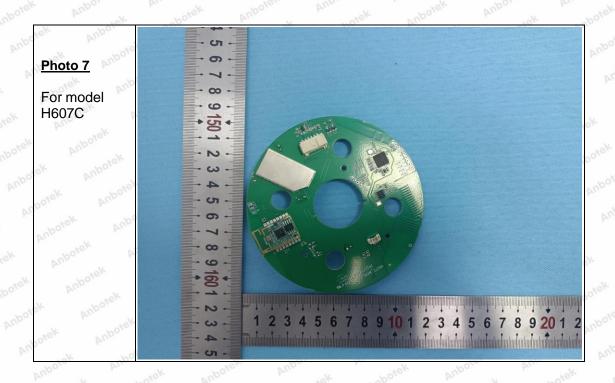


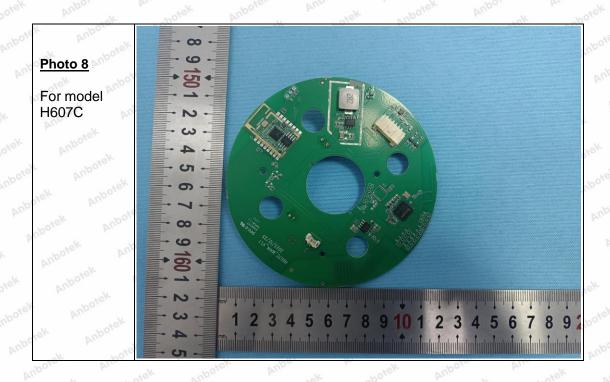


































-- End of Report--

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