





Test Report issued under the responsibility of:
Studio Oleandri – Milano

TEST REPORT
IEC 60598-2-4
Luminaires
Part 2: Particular requirements
Section 4: Portable general purpose luminaires

Report Number.....	2017000461
Date of issue.....	25 July 2017
Total number of pages	40
Name of Testing Laboratory preparing the Report	
	Studio Oleandri - Milano
Applicant's name	Tacchini Edizioni s.r.l.
Address.....	Via Domodossola, 19 - 20822 Baruccana di Seveso (MB) - IT
Test specification:	
Standard	IEC 60598-2-4:1997 (Second Edition) used in conjunction with IEC 60598-1:2014 (Eighth Edition)
Test Report Form No.	IEC60598_2_4
General disclaimer:	
<p>The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the responsible of this Test Report.</p>	

Test item description	Portable general purpose luminaires	
Trade Mark	Tacchini Edizioni	
Manufacturer.....	Tacchini Edizioni s.r.l. Via Domodossola, 19 - 20822 Baruccana di Seveso (MB) - IT	
Model/Type reference.....	E63	
Ratings	6W E14 LED ; 220-240V 50Hz; Class I; IP20; Table; Normally flammable	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/> Testing Laboratory:	Studio Oleandri Viale Resistenza, 48 – 20090 Corsico (MI) – IT	
Testing location/ address:		
Tested by (name, function, signature)	M. Oleandri	
Approved by (name, function, signature) ..	M. Oleandri	

**List of Attachments (including a total number of pages in each attachment):**

- Annex 1: Critical components information (page 26)
- Annex 2: Temperature measurements, thermal test of section 12 (page 27)
- Annex 3: Screw terminals (page 28)
- Annex 4: Screwless terminals (page 29)
- Annex 6: Mounting instruction (page 35)
- Annex 7: Photographic documentation (page 36)

Summary of testing:**Tests performed (name of test and test clause):**

- 1) The luminaire was complied according to the standards EN60598-1:2015 and EN60598-2-4:1998
- 2) The standards EN62493:2015 (EMF) was considered.

Testing location:

Studio Oleandri
Viale Resistenza, 48 – 20090 Corsico (MI) – IT

Summary of compliance with National Differences:**List of countries addressed**

See Annex 5 for ENEC certification.

See Page 33 for European group differences and national differences.

☐ The product fulfils the requirements of ____//____ (insert standard number and edition and delete the text in parenthesis, leave it blank or delete the whole sentence, if not applicable)

Copy of marking plate. The artwork below may be only a draft.



Test item particulars	--
Classification of installation and use	Table – portable lamp
Supply Connection.....	Supply plug with cable
.....	:
Possible test case verdicts:	
- test case does not apply to the test object.....	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
Testing	
Date of receipt of test item	05 June 2017
Date (s) of performance of tests	10 June – 24 July 2017
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.	
Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.	
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies).....	Tacchini Edizioni Srl Via Domodossola, 19 - 20822 Baruccana di Seveso (MB) - IT
General product information:	
The uncertainties for the tests and measurements are those listed in CTL-Decision sheet 251 (accuracy).	
Tests performed on the model E63 (table lamp), see the remarks for the details.	



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Clause	Requirement + Test	Result - Remark	Verdict
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4.2 (0)	GENERAL TEST REQUIREMENTS		
4.2 (0.1)	Information for luminaire design considered	Standard Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
4.2 (0.3)	More sections applicable.....	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—

4.4 (2)	CLASSIFICATION		
4.4 (2.2)	Type of protection	Class I	—
4.4 (2.3)	Degree of protection.....	IP20	—
4.4 (2.4)	Luminaire suitable for direct mounting on normally flammable surfaces	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
4.4 (2.5)	Luminaire for normal use	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
	Luminaire for rough service	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—

4.5 (3)	MARKING		
4.5 (3.2)	Mandatory markings		P
	Position of the marking		P
	Format of symbols/text		P
4.5 (3.3)	Additional information		P
	Language of instructions		P
4.5 (3.3.1)	Combination luminaires		N/A
4.5 (3.3.2)	Nominal frequency in Hz		P
4.5 (3.3.3)	Operating temperature		N/A
4.5 (3.3.4)	Symbol or warning notice		N/A
4.5 (3.3.5)	Wiring diagram		N/A
4.5 (3.3.6)	Special conditions		N/A
4.5 (3.3.7)	Metal halide lamp luminaire – warning		N/A
4.5 (3.3.8)	Limitation for semi-luminaires		N/A
4.5 (3.3.9)	Power factor and supply current		N/A
4.5 (3.3.10)	Suitability for use indoors		N/A
4.5 (3.3.11)	Luminaires with remote control		N/A
4.5 (3.3.12)	Clip-mounted luminaire – warning		N/A
4.5 (3.3.13)	Specifications of protective shields		N/A
4.5 (3.3.14)	Symbol for nature of supply	~	P
4.5 (3.3.15)	Rated current of socket outlet		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
4.5 (3.3.16)	Rough service luminaire		N/A
4.5 (3.3.17)	Mounting instruction for type Y, type Z and some type X attachments	Type Y	P
4.5 (3.3.18)	Non-ordinary luminaires with PVC cable		N/A
4.5 (3.3.19)	Protective conductor current in instruction if applicable		N/A
4.5 (3.3.20)	Provided with information if not intended to be mounted within arm's reach		N/A
4.5 (3.3.21)	Non replaceable and non-user replaceable light sources information provided		N/A
	Cautionary symbol		N/A
4.5 (3.3.22)	Controllable luminaires, insulation		N/A
4.5 (3.4)	Test with water		P
	Test with hexane		P
	Legible after test		P
	Label attached		P

4.6 (4)	CONSTRUCTION		
4.6 (4.2)	Components replaceable without difficulty		P
4.6 (4.3)	Wireways smooth and free from sharp edges		P
4.6 (4.4)	Lampholders		
4.6 (4.4.1)	Integral lampholder		N/A
4.6 (4.4.2)	Wiring connection		N/A
4.6 (4.4.3)	Lampholder for end-to-end mounting		N/A
4.6 (4.4.4)	Positioning		
	- pressure test (N)		—
	After test the lampholder comply with relevant standard sheets and show no damage		N/A
	After test on single-capped lampholder the lampholder have not moved from its position and show no permanent deformation		N/A
	- bending test (N)	1,2	—
	After test the lampholder have not moved from its position and show no permanent deformation		P
4.6 (4.4.5)	Peak pulse voltage		N/A
4.6 (4.4.6)	Centre contact		N/A
4.6 (4.4.7)	Parts in rough service luminaires resistant to tracking		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
4.6 (4.4.8)	Lamp connectors		N/A
4.6 (4.4.9)	Caps and bases correctly used		N/A
4.6 (4.5)	Starter holders		
	Starter holder in luminaires other than class II		N/A
	Starter holder class II construction		N/A
4.6 (4.6)	Terminal blocks		
	Tails		N/A
	Unsecured blocks		N/A
4.6 (4.7)	Terminals and supply connections		
4.6 (4.7.1)	Contact to metal parts		P
4.6 (4.7.2)	Test 8 mm live conductor		P
	Test 8 mm earth conductor		P
4.6 (4.7.3)	Terminals for supply conductors		P
4.6 (4.7.3.1)	Welded connections:		
	- stranded or solid conductor		N/A
	- spot welding		N/A
	- welding between wires		N/A
	- Type Z attachment		N/A
	- mechanical test according to 15.8.2		N/A
	- electrical test according to 15.9		N/A
	- heat test according to 15.9.2.3 and 15.9.2.4		N/A
4.6 (4.7.4)	Terminals other than supply connection		P
4.6 (4.7.5)	Heat-resistant wiring/sleeves		N/A
4.6 (4.7.6)	Multi-pole plug		N/A
	- test at 30 N		N/A
4.6 (4.8)	Switches:		
	- adequate rating		P
	- adequate fixing		P
	- polarized supply		N/A
	- compliance with IEC 61058-1 for electronic switches		N/A
4.6 (4.9)	Insulating lining and sleeves		
4.6 (4.9.1)	Retainment		N/A
	Method of fixing :		—
4.6 (4.9.2)	Insulated linings and sleeves		



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Clause	Requirement + Test	Result - Remark	Verdict
	Resistant to a temperature > 20 °C to the wire temperature or		N/A
	a) & c) Insulation resistance and electric strength		N/A
	b) Ageing test. Temperature (°C).....:		N/A
4.6 (4.10)	Insulation of Class II luminaires		
4.6 (4.10.1)	No contact, mounting surface – accessible metal parts – wiring of basic insulation		N/A
	Safe installation fixed luminaires		N/A
	Capacitors and switches		N/A
	Interference suppression capacitors according to IEC 60384-14		N/A
4.6 (4.10.2)	Assembly gaps:		
	- not coincidental		N/A
	- no straight access with test probe		N/A
4.6 (4.10.3)	Retainment of insulation:		
	- fixed		P
	- unable to be replaced; luminaire inoperative		N/A
	- sleeves retained in position		P
	- lining in lampholder		P
4.6 (4.11)	Electrical connections		
4.6 (4.11.1)	Contact pressure		P
4.6 (4.11.2)	Screws:		
	- self-tapping screws		N/A
	- thread-cutting screws		N/A
4.6 (4.11.3)	Screw locking:		
	- spring washer		N/A
	- rivets		N/A
4.6 (4.11.4)	Material of current-carrying parts		P
4.6 (4.11.5)	No contact to wood or mounting surface		P
4.6 (4.11.6)	Electro-mechanical contact systems		N/A
4.6 (4.12)	Mechanical connections and glands		
4.6 (4.12.1)	Screws not made of soft metal		P
	Screws of insulating material		P
	Torque test: torque (Nm); part		N/A
	Torque test: torque (Nm); part		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
	Torque test: torque (Nm); part..... :		N/A
4.6 (4.12.2)	Screws with diameter < 3 mm screwed into metal		P
4.6 (4.12.4)	Locked connections:		
	- fixed arms; torque (Nm) :		N/A
	- lampholder; torque (Nm) :	1,2	P
	- push-button switches; torque 0,8 Nm..... :		N/A
4.6 (4.12.5)	Screwed glands; force (Nm)..... :		N/A
4.6 (4.13)	Mechanical strength		
4.6 (4.13.1)	Impact tests:		
	- fragile parts; energy (Nm) :		N/A
	- other parts; energy (Nm) :	0,5	P
	1) live parts		P
	2) linings		P
	3) protection		N/A
	4) covers		P
4.6 (4.13.3)	Straight test finger		N/A
4.6 (4.13.4)	Rough service luminaires		
	- IP54 or higher		N/A
	a) fixed		N/A
	b) hand-held		N/A
	c) delivered with a stand		N/A
	d) for temporary installations and suitable for mounting on a stand		N/A
4.6 (4.13.6)	Tumbling barrel		N/A
4.6 (4.14)	Suspensions and adjusting devices		
4.6 (4.14.1)	Mechanical load:		
	A) four times the weight		N/A
	B) torque 2,5 Nm		N/A
	C) bracket arm; bending moment (Nm) :		N/A
	D) load track-mounted luminaires		N/A
	E) clip-mounted luminaires, glass-shelve. Thickness (mm) :		N/A
	Metal rod. diameter (mm) :		N/A
	Fixed luminaire or independent control gear without fixing devices		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
4.6 (4.14.2)	Load to flexible cables		
	Mass (kg)		—
	Stress in conductors (N/mm ²)		N/A
	Mass (kg) of semi-luminaire		—
	Bending moment (Nm) of semi-luminaire		N/A
4.6 (4.14.3)	Adjusting devices:		
	- flexing test; number of cycles	150	P
	- strands broken		P
	- electric strength test afterwards		P
4.6 (4.14.4)	Telescopic tubes: cords not fixed to tube; no strain on conductors		N/A
4.6 (4.14.5)	Guide pulleys		N/A
4.6 (4.14.6)	Strain on socket-outlets		N/A
4.6 (4.15)	Flammable materials:		
	- glow-wire test 650°C	See Test Table 4.15 (13.3.2)	N/A
	- spacing ≥30 mm		N/A
	- screen withstanding test of 13.3.1		N/A
	- screen dimensions		N/A
	- no fiercely burning material		N/A
	- thermal protection		N/A
	- electronic circuits exempted		N/A
4.6 (4.15.2)	Luminaires made of thermoplastic material with lamp control gear		
	a) construction		N/A
	b) temperature sensing control		N/A
	c) surface temperature		N/A
4.6 (4.16)	Luminaires for mounting on normally flammable surfaces		
	No lamp control gear	(compliance with Section 12)	P
4.6 (4.16.1)	Lamp control gear spacing:		
	- spacing 35 mm		N/A
	- spacing 10 mm		N/A
4.6 (4.16.2)	Thermal protection:		
	- in lamp control gear		N/A
	- external		N/A
	- fixed position		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
	- temperature marked lamp control gear		N/A
4.6 (4.16.3)	Design to satisfy the test of 12.6	(see clause 12.6)	N/A
4.6 (4.17)	Drain holes		N/A
	Clearance at least 5 mm		N/A
4.6 (4.18)	Resistance to corrosion:		
4.6 (4.18.1)	- rust-resistance		N/A
4.6 (4.18.2)	- season cracking in copper		N/A
4.6 (4.18.3)	- corrosion of aluminium		N/A
4.6 (4.19)	Igniters compatible with ballast		N/A
4.6 (4.20)	Rough service vibration		N/A
4.6 (4.21)	Protective shield:		
4.6 (4.21.1)	Shield fitted		N/A
	Shield of glass if tungsten halogen lamps		N/A
4.6 (4.21.2)	Particles from a shattering lamp not impair safety		N/A
4.6 (4.21.3)	No direct path		N/A
4.6 (4.21.4)	Impact test on shield		N/A
	Glow-wire test on lamp compartment..... :	See Test Table 4.15 (13.3.2)	N/A
4.6 (4.22)	Attachments to lamps		N/A
4.6 (4.23)	Semi-luminaires comply Class II		N/A
4.6 (4.24.1)	UV radiation for tungsten halogen lamps and metal halide lamps (Annex P)		N/A
4.6 (4.24.2)	Retinal blue light hazard		N/A
	Luminaires with E_{thr}		N/A
	a) Fixed luminaires		N/A
	Distance x m, borderline between RG1 and RG2 :		N/A
	Marking and instruction		N/A
	b) Portable and handheld luminaires		N/A
	RG1 exceeded at 200 mm according to IEC/TR 62778		N/A
	Marking		N/A
	Portable luminaires for children IEC 60598-2-10 and Mains socket outlet nightlights IEC 60598-2-12		N/A
	RG at 200 mm according to IEC/62778		N/A
4.6 (4.25)	No sharp point or edges		N/A
4.6 (4.26)	Short-circuit protection:		



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Clause	Requirement + Test	Result - Remark	Verdict
4.6 (4.26.1)	Uninsulated accessible SELV parts		N/A
4.6 (4.26.2)	Short-circuit test		N/A
4.6 (4.26.3)	Test chain according to Figure 29		N/A
4.6 (4.27)	Terminal blocks with integrated screwless earthing contacts tested according Annex V		
	Pull test of terminal fixing (20 N)		N/A
	After test, resistance < 0,05 Ω		N/A
	Pull test of mechanical connection (50 N)		N/A
	After test, resistance < 0,05 Ω		N/A
	Voltage drop test, resistance < 0,05 Ω		N/A
4.6 (4.28)	Fixing of thermal sensing control		N/A
	External to lamp control gear		N/A
	Plug-in or easily replaceable type		N/A
	Adhesive fixing		N/A
	Positioning		N/A
	Temperature ($^{\circ}\text{C}$).....:		N/A
	100 cycles between t min and t max		N/A
	Temperature sensing control still in position		N/A
4.6 (4.29)	Luminaires with non-replaceable light source		N/A
	Replacement not possible		N/A
	Live part not accessible		N/A
	Breaking of the luminaire or its parts		N/A
	Removal of parts		N/A
	Compliance with test probe		N/A
	Access to live parts		N/A
4.6 (4.30)	Luminaires with non-user replaceable light source		N/A
	Protective cover		N/A
	Fixing means		N/A
	Cautionary symbol		N/A
4.6 (4.31)	Insulation between circuits		N/A
	Transformer or control gears		N/A
	Insulation between circuits		N/A
	Circuits insulated from LV supply		N/A
	Insulation provided		N/A
	Controllable luminaires		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
	Control terminals		N/A
	Insulation		N/A
	Control gear U-OUT		N/A
4.6 (4.31.1)	SELV circuits		N/A
	Source		N/A
	Insulation between circuits		N/A
	Control gear U-OUT		N/A
	Plug and socket outlet		N/A
4.6 (4.31.2)	FELV circuits		N/A
	Source		N/A
	Insulation between circuits		N/A
	Plug and socket outlet		N/A
4.6 (4.31.3)	Other circuits		N/A
	CI II		N/A
	Equipotential bonding		N/A
	All conductive part connected		N/A
	Resistance < 0,5 Ω		N/A
	Insulation fault: accessible part cause electric shock		N/A
	Master/slave applications		N/A
4.6 (4.32)	Overvoltage protective devices		N/A
	External to lamp control gear, connected to earth		N/A
	Fixed luminaires connected to a protective earth		N/A
4.6.1 (-)	Insulation not damaged when placing on support		P
4.6.2 (-)	Wiring fixed, to avoid rubbing		P
4.6.3 (-)	Stability (6°)		P
4.6.4 (-)	Candlestick luminaires with switch		N/A
4.6.5 (-)	E5 lampholders		N/A

4.7 (11)	CREEPAGE DISTANCES AND CLEARANCES		
4.7 (11.2)	Creepage distances and clearances	See Table 4.7 (11.2)	P
	Working voltage (V)	240	—
	Rated pulse voltage (kV)	--	—
	Voltage form	Sinusoidal <input checked="" type="checkbox"/> Non-sinusoidal <input type="checkbox"/>	—



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Clause	Requirement + Test	Result - Remark	Verdict
	PTI	< 600 <input checked="" type="checkbox"/> \geq 600 <input type="checkbox"/>	—
	Impulse withstand category (Normal category II) (Category III Annex U)	Category II <input checked="" type="checkbox"/> Category III <input type="checkbox"/>	—

4.8 (7)	PROVISION FOR EARTHING		
4.8 (7.2.1 + 7.2.3)	Accessible metal parts		P
	Metal parts in contact with supporting surface		P
	Resistance < 0,5 Ω		P
	Self-tapping screws used		N/A
	Thread-forming screws		N/A
	Thread-forming screw used in a groove		N/A
	Earth makes contact first		N/A
	Terminal blocks with integrated screwless earthing contacts tested according Annex V		N/A
	Built-in control gear		N/A
4.8 (7.2.2 + 7.2.3)	Earth continuity in joints, etc.		N/A
4.8 (7.2.4)	Locking of clamping means		P
	Compliance with 4.7.3		P
	Terminal blocks with integrated screwless earthing contacts tested according Annex V		N/A
4.8 (7.2.5)	Earth terminal integral part of connector socket		P
4.8 (7.2.6)	Earth terminal adjacent to mains terminals		N/A
4.8 (7.2.7)	Electrolytic corrosion of the earth terminal		N/A
4.8 (7.2.8)	Material of earth terminal		P
	Contact surface bare metal		P
4.8 (7.2.10)	Class II luminaire for looping-in		N/A
	Double or reinforced insulation to functional earth		N/A
4.8 (7.2.11)	Earthing core coloured green-yellow		P
	Length of earth conductor		P

4.9 (14)	SCREW TERMINALS		
	Separately approved; component list.....	(see Annex 1)	P
	Part of the luminaire.....	(see Annex 3)	N/A



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Clause	Requirement + Test	Result - Remark	Verdict
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4.9 (15)	SCREWLESS TERMINALS AND ELECTRICAL CONNECTIONS		
	Separately approved; component list	(see Annex 1)	N/A
	Part of the luminaire	(see Annex 4)	N/A

4.10 (5)	EXTERNAL AND INTERNAL WIRING		
4.10 (5.2)	Supply connection and external wiring		
4.10 (5.2.1)	Means of connection	Non rewirable plug with cable	P
4.10 (5.2.2)	Type of cable	H03VV-F	P
	Nominal cross-sectional area (mm ²)	3x0,75	P
	Cables equal to IEC 60227 or IEC 60245		P
4.10 (5.2.3)	Type of attachment, X, Y or Z	Y	P
4.10 (5.2.5)	Type Z not connected to screws		N/A
4.10 (5.2.6)	Cable entries:		
	- suitable for introduction		P
	- adequate degree of protection		P
4.10 (5.2.7)	Cable entries through rigid material have rounded edges		P
4.10 (5.2.8)	Insulating bushings:		
	- suitably fixed		N/A
	- material in bushings		N/A
	- material not likely to deteriorate		N/A
	- tubes or guards made of insulating material		N/A
4.10 (5.2.9)	Locking of screwed bushings		N/A
4.10 (5.2.10)	Cord anchorage:		
	- covering protected from abrasion		P
	- clear how to be effective		P
	- no mechanical or thermal stress		P
	- no tying of cables into knots etc.		P
	- insulating material or lining		P
4.10 (5.2.10.1)	Cord anchorage for type X attachment:		
	a) at least one part fixed		N/A
	b) types of cable		N/A
	c) no damaging of the cable		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
	d) whole cable can be mounted		N/A
	e) no touching of clamping screws		N/A
	f) metal screw not directly on cable		N/A
	g) replacement without special tool		N/A
	Glands not used as anchorage		N/A
	Labyrinth type anchorages		N/A
4.10 (5.2.10.2)	Adequate cord anchorage for type Y and type Z attachment		N/A
4.10 (5.2.10.3)	Tests:		
	- impossible to push cable; unsafe		P
	- pull test: 25 times; pull (N): 60		P
	- torque test: torque (Nm): 0,25		P
	- displacement ≤ 2 mm		P
	- no movement of conductors		P
	- no damage of cable or cord		P
4.10 (5.2.11)	External wiring passing into luminaire		P
4.10 (5.2.12)	Looping-in terminals		N/A
4.10 (5.2.13)	Wire ends not tinned		P
	Wire ends tinned: no cold flow		N/A
4.10 (5.2.14)	Mains plug same protection		P
	Class III luminaire plug		N/A
	No unsafe compatibility		N/A
4.10 (5.2.16)	Appliance inlets (IEC 60320)		N/A
	Installation couplers (IEC 61535)		N/A
	Other appliance inlet or connector		N/A
	Relevant IEC standard		N/A
4.10 (5.2.17)	No standardized interconnecting cables properly assembled		N/A
4.10 (5.2.18)	Used plug in accordance with		
	- IEC 60083		P



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Clause	Requirement + Test	Result - Remark	Verdict
	- other standard		N/A
4.10 (5.3)	Internal wiring		
4.10 (5.3.1)	Internal wiring of suitable size and type		P
	Through wiring		
	- not delivered/ mounting instruction		N/A
	- factory assembled		N/A
	- socket outlet loaded (A)		N/A
	- temperatures	(see Annex 2)	N/A
	Green-yellow for earth only		P
4.10 (5.3.1.1)	Internal wiring connected directly to fixed wiring		
	Cross-sectional area (mm ²).....	0,75	P
	Insulation thickness		P
	Extra insulation added where necessary		P
4.10 (5.3.1.2)	Internal wiring connected to fixed wiring via internal current-limiting device		
	Adequate cross-sectional area and insulation thickness		N/A
4.10 (5.3.1.3)	Double or reinforced insulation for class II		N/A
4.10 (5.3.1.4)	Conductors without insulation		N/A
4.10 (5.3.1.5)	SELV current-carrying parts		N/A
4.10 (5.3.1.6)	Insulation thickness other than PVC or rubber		N/A
4.10 (5.3.2)	Sharp edges etc.		P
	No moving parts of switches etc.		P
	Joints, raising/lowering devices		P
	Telescopic tubes etc.		N/A
	No twisting over 360°		P
4.10 (5.3.3)	Insulating bushings:		
	- suitable fixed		N/A
	- material in bushings		N/A
	- material not likely to deteriorate		N/A
	- cables with protective sheath		N/A
4.10 (5.3.4)	Joints and junctions effectively insulated		P



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Clause	Requirement + Test	Result - Remark	Verdict
4.10 (5.3.5)	Strain on internal wiring		N/A
4.10 (5.3.6)	Wire carriers		N/A
4.10 (5.3.7)	Wire ends not tinned		N/A
	Wire ends tinned: no cold flow		N/A

4.11 (8)	PROTECTION AGAINST ELECTRIC SHOCK		
4.11 (8.2.1)	Live parts not accessible		P
	Basic insulated parts not used on the outer surface without appropriate protection		N/A
	Basic insulated parts not accessible with standard test finger on portable, settable and adjustable luminaires		P
	Basic insulated parts not accessible with Ø 50 mm probe from outside, other types of luminaires		N/A
	Lamp and starterholders in portable and adjustable luminaires comply with double or reinforced insulation requirements		N/A
	Basic insulation only accessible under lamp or starter replacement		N/A
	Protection in any position		P
	Double-ended tungsten filament lamp		N/A
	Insulation lacquer not reliable		N/A
	Double-ended high pressure discharge lamp		N/A
	Relevant warning according to 3.2.18 fitted to the luminaire		N/A
4.11 (8.2.2)	Portable luminaire adjusted in most unfavourable position		P
4.11 (8.2.3.a)	Class II luminaire:		
	- basic insulated metal parts not accessible during starter or lamp replacement		N/A
	- basic insulation not accessible other than during starter or lamp replacement		N/A
	- glass protective shields not used as supplementary insulation		N/A
4.11 (8.2.3.b)	BC lampholder of metal in class I luminaires shall be earthed		N/A
4.11 (8.2.3.c)	Class III luminaires with exposed SELV parts:		
	Ordinary luminaire:		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
	- touch current		N/A
	- no-load voltage.....		N/A
	Other than ordinary luminaire:		
	- nominal voltage		N/A
4.11 (8.2.4)	Portable luminaire have protection independent of supporting surface		P
4.11 (8.2.5)	Compliance with the standard test finger or relevant probe		P
4.11 (8.2.6)	Covers reliably secured		P
4.11 (8.2.7)	Discharging of capacitors $\geq 0,5 \mu\text{F}$		N/A
	Portable plug connected luminaire with capacitor		N/A
	Other plug connected luminaire with capacitor		N/A
	Discharge device on or within capacitor		N/A
	Discharge device mounted separately		N/A
4.11.1 (-)	Class I luminaire with bayonet lampholder:		
	- cap not accessible with test finger		N/A
	- metal lampholder is earthed		N/A

4.12 (12)	ENDURANCE TEST AND THERMAL TEST		
4.12 (-)	If IP > IP 20 relevant test of (12.4), (12.5) and (12.6) after (9.2) before (9.3) specified in 4.13		—
4.12 (12.3)	Endurance test:		
	- mounting-position	Table	—
	- test temperature ($^{\circ}\text{C}$).....	35 $^{\circ}\text{C}$	—
	- total duration (h)	240	—
	- supply voltage: Un factor; calculated voltage (V) ...	1,05Vn; 236V	—
	- lamp used.....	6W E14 LED	—
4.12 (12.3.2)	After endurance test:		
	- no part unserviceable		P
	- luminaire not unsafe		P
	- no damage to track system		N/A
	- marking legible		P
	- no cracks, deformation etc.		P
4.12 (12.4)	Thermal test (normal operation)	(see Annex 2)	P



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Clause	Requirement + Test	Result - Remark	Verdict
4.12 (12.5)	Thermal test (abnormal operation)	(see Annex 2)	P
4.12 (12.6)	Thermal test (failed lamp control gear condition):		
4.12 (12.6.1)	Through wiring or looping-in wiring loaded by a current of (A)		—
	- case of abnormal conditions.....		—
	- electronic lamp control gear		N/A
	- measured winding temperature (°C): at 1,1 Un		—
	- measured mounting surface temperature (°C) at 1,1 Un		N/A
	- calculated mounting surface temperature (°C)		N/A
	- track-mounted luminaires		N/A
4.12 (12.6.2)	Temperature sensing control		
	- case of abnormal conditions.....		—
	- thermal link		N/A
	- manual reset cut-out		N/A
	- auto reset cut-out		N/A
	- measured mounting surface temperature (°C).....		N/A
	- track-mounted luminaires		N/A
4.12 (12.7)	Thermal test (failed lamp control gear in plastic luminaires):		
4.12 (12.7.1)	Luminaire without temperature sensing control		
4.12 (12.7.1.1)	Luminaire with fluorescent lamp ≤ 70W		
	Test method 12.7.1.1 or Annex W		—
	Test according to 12.7.1.1:		
	- case of abnormal conditions.....		—
	- Ballast failure at supply voltage (V)		—
	- Components retained in place after the test		N/A
	- Test with standard test finger after the test		N/A
	Test according to Annex W:		
	- case of abnormal conditions.....		—
	- measured winding temperature (°C): at 1,1 Un.....		—
	- measured temperature of fixing point/exposed part (°C): at 1,1 Un.....		—



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Clause	Requirement + Test	Result - Remark	Verdict
	- calculated temperature of fixing point/exposed part (°C)		—
	Ball-pressure test	See Table 4.15 (13.2.1)	N/A
4.12 (12.7.1.2)	Luminaire with discharge lamp, fluorescent lamp > 70W, transformer > 10 VA		
	- case of abnormal conditions		—
	- measured winding temperature (°C): at 1,1 Un		—
	- measured temperature of fixing point/exposed part (°C): at 1,1 Un		—
	- calculated temperature of fixing point/exposed part (°C)		—
	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		N/A
	- case of abnormal conditions		—
	- Components retained in place after the test		N/A
	- Test with standard test finger after the test		N/A
4.12 (12.7.2)	Luminaire with temperature sensing control		
	- thermal link.....	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	- manual reset cut-out	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	- auto reset cut-out	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	- case of abnormal conditions		—
	- highest measured temperature of fixing point/ exposed part (°C):		—
	Ball-pressure test:	See Table 4.15 (13.2.1)	N/A
4.12 (-)	Test overturned position (overturns < 15°)		N/A

4.13 (9)	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE		
4.13 (-)	If IP > IP 20 the order of tests as specified in clause 4.12		
4.13 (9.2)	Tests for ingress of dust, solid objects and moisture:		—
	- classification according to IP	IP20	—
	- mounting position during test	Table	—
	- fixing screws tightened; torque (Nm).....	--	—
	- tests according to clauses.....	9.2.0	—
	- electric strength test afterwards		P



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Clause	Requirement + Test	Result - Remark	Verdict
	a) no deposit in dust-proof luminaire		N/A
	b) no talcum in dust-tight luminaire		N/A
	c) no trace of water on current-carrying parts or SELV parts or where it could become a hazard		N/A
	d) i) For luminaires without drain holes – no water entry		N/A
	d) ii) For luminaires with drain holes – no hazardous water entry		N/A
	e) no water in watertight luminaire		N/A
	f) no contact with live parts (IP 2X)		P
	f) no entry into enclosure (IP 3X and IP 4X)		N/A
	f) no contact with live parts (IP3X and IP4X)		N/A
	g) no trace of water on part of lamp requiring protection from splashing water		N/A
	h) no damage of protective shield or glass envelope		N/A
4.13 (9.3)	Humidity test 48 h		P

4.14 (10)	INSULATION RESISTANCE AND ELECTRIC STRENGTH		
4.14 (10.2.1)	Insulation resistance test		P
	Cable or cord covered by metal foil or replaced by a metal rod of mm Ø		—
	Insulation resistance (MΩ)		—
	SELV		
	- between current-carrying parts of different polarity :		N/A
	- between current-carrying parts and mounting surface		N/A
	- between current-carrying parts and metal parts of the luminaire		N/A
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts		N/A
	- Insulation bushings as described in Section 5		N/A
	Other than SELV		
	- between live parts of different polarity	>2	P
	- between live parts and mounting surface	>2	P
	- between live parts and metal parts	>2	P



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Clause	Requirement + Test	Result - Remark	Verdict
	- between live parts of different polarity through action of a switch	>2	P
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts.....	>2	P
	- Insulation bushings as described in Section 5		N/A
4.14 (10.2.2)	Electric strength test		P
	Dummy lamp		N/A
	Luminaires with ignitors after 24 h test		N/A
	Luminaires with manual ignitors		N/A
	Test voltage (V)	240	P
	SELV		
	- between current-carrying parts of different polarity :		N/A
	- between current-carrying parts and mounting surface.....		N/A
	- between current-carrying parts and metal parts of the luminaire		N/A
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts.....		N/A
	- Insulation bushings as described in Section 5		N/A
	Other than SELV		
	- between live parts of different polarity.....	1480	P
	- between live parts and mounting surface.....	1480	P
	- between live parts and metal parts	1480	P
	- between live parts of different polarity through action of a switch	1480	P
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts.....	1480	P
	- Insulation bushings as described in Section 5		N/A
4.14 (10.3)	Touch current or protective conductor current (mA) :	<<3,5	P

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



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<i>Clause</i>	<i>Requirement + Test</i>	<i>Result - Remark</i>	<i>Verdict</i>
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)	N/A
4.15 (13.4.1)	Proof tracking test (IEC 60112)		N/A
	- part tested.....		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
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4.7 (11.2)	TABLE: Clearance and creepage distance measurements							
Class of luminaire	Class I <input checked="" type="checkbox"/> Class II <input type="checkbox"/> Class III <input type="checkbox"/>							—
Impulse withstand category.....	Category II <input checked="" type="checkbox"/> Category II <input type="checkbox"/>							—
Clearance (cl) and creepage distance (cr) at/of/between:	Insulation type	U peak (V)	U r.m.s. (V)	Required cl (mm)	Measured cl (mm)	Required cr (mm)	Measured cr (mm)	
Current-carrying parts of different polarity	B		240	1,5	2	2,5	3	
Current-carrying parts and accessible parts	B		240	1,5	2	2,5	3	
Current-carrying parts and outer accessible surface of insulating parts	S		240	1,5	2	2,5	3	
Parts becoming live due to breakdown of basic insulation and metal parts	--							
Outer surface of cable where it is clamped and metal parts	B		240	1,5	2	2,5	3	
Current-carrying parts and supporting surface	B		240	1,5	2	2,5	3	
Supplementary information: B – Basic; S – Supplementary; R – Reinforced								

4.15 (13.2.1)	TABLE: Ball Pressure Test of Thermoplastics			
Allowed impression diameter (mm) :				—
Object/ Part No./ Material	Manufacturer/ trademark	Test temperature (°C)	Impression diameter (mm)	
Supplementary information:				



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Clause	Requirement + Test			Result - Remark	Verdict
1.15 (13.3.1)	TABLE: Needle-flame test (IEC 60695-11-5)				
Object/ Part No./ Material	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
Supplementary information:					

1.15 (13.3.2)	TABLE: Glow-wire test (IEC 60695-2-11)				
Glow wire temperature		650°C			—
Object/ Part No./ Material	Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
Any flame or glowing of the sample extinguished within 30 s of withdrawing the glow-wire, and any burning or molten drop did not ignite the underlying parts (Yes/No)					
Supplementary information:					

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Clause	Requirement + Test	Result - Remark	Verdict
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ANNEX 1		TABLE: Critical components information					
Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Lampholder	A	ARDITI	590	E14 2/250 T230		ENEC03	
Plug	A	ARDITI	2200	16/250		IMQ	
Supply cable	A	SALCAVI	H03VV-F	3x0,75		IMQ-HAR	
Switch (table)	A	CSB	1821	6[4] /250 ~		ENEC05	
Description:							
Supplementary information:							
1) 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						



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Clause	Requirement + Test				Result - Remark		Verdict
ANNEX 2	TABLE: Temperature measurements, thermal tests of Section 12						
	Type reference				E63		—
	Lamp used.....				6W E14 LED		—
	Lamp control gear used.....				--		—
	Mounting position of luminaire.....				Table		—
	Supply wattage (W)				6W		—
	Supply current (A).....				0,03		—
	Calculated power factor.....				0,59		—
	Table: measured temperatures corrected for ta = 25 °C:						
	- abnormal operating mode				Overturned position		—
	- test 1: rated voltage.....						—
	- test 2: 1,06 times rated voltage or 1,05 times rated wattage				243,6		—
	- test 3: Load on wiring to socket-outlet, 1,06 times voltage or 1,05 times wattage.....						—
	- test 4: 1,1 times rated voltage or 1,05 times rated wattage				243,6		—
	Through wiring or looping-in wiring loaded by a current of A during the test						—
Temperature measurements, (°C)							
Part	Ambient	Clause 12.4 – normal				Clause 12.5 – abnormal	
		test 1	test 2	test 3	limit	test 4	limit
Mounting sur.	25		25		90	<<175	175
Lampholder screw shell	25		67		230		
Lampcap	25		58		85		
Cable of lampholder	25		45		90		
Switch	25		24		90		
Touched part	25		29		60		
External side	25		28		90		
Lighted surface	25		25		90		
Supplementary information: --							



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Clause	Requirement + Test	Result – Remark	Verdict
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ANNEX 3	Screw terminals (part of the luminaire)		
(14)	SCREW TERMINALS		
(14.2)	Type of terminal		—
	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
	Cross-sectional area (mm ²)		—
(14.3.3)	Conductor space (mm)		N/A
(14.4)	Mechanical tests		
(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)....	M	N/A
	External wiring		N/A
	No soft metal		N/A
(14.4.5)	Corrosion		N/A
(14.4.6)	Nominal diameter of thread (mm)		N/A
	Torque (Nm).....		N/A
(14.4.7)	Between metal surfaces		N/A
	Lug terminal		N/A
	Mantle terminal		N/A
	Pull test; pull (N).....		N/A
(14.4.8)	Without undue damage		N/A



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Clause	Requirement + Test	Result - Remark	Verdict

ANNEX 4	Screwless terminals (part of the luminaire)		
(15)	SCREWLESS TERMINALS		
(15.2)	Type of terminal..... :		—
	Rated current (A)..... :		—
(15.3.1)	Material		N/A
(15.3.2)	Clamping		N/A
(15.3.3)	Stop		N/A
(15.3.4)	Unprepared conductors		N/A
(15.3.5)	Pressure on insulating material		N/A
(15.3.6)	Clear connection method		N/A
(15.3.7)	Clamping independently		N/A
(15.3.8)	Fixed in position		N/A
(15.3.10)	Conductor size		N/A
	Type of conductor		N/A
(15.5.1)	Terminals internal wiring		N/A
(15.5.1.1)	Pull test spring-type terminals (4 N, 4 samples)..... :		N/A
(15.5.1.2)	Pull test pin or tab terminals (4 N, 4 samples) :		N/A
	Insertion force not exceeding 50 N		N/A
(15.5.1.2)	Permanent connections: pull-off test (20 N)		N/A
(15.5.2)	Electrical tests		
	Voltage drop (mV) after 1 h (4 samples) :		N/A
	Voltage drop of two inseparable joints		N/A
	Number of cycles:		—
	Voltage drop (mV) after 10th alt. 25th cycle (4 samples)..... :		N/A
	Voltage drop (mV) after 50th alt. 100th cycle (4 samples)..... :		N/A
	After ageing, voltage drop (mV) after 10th alt. 25th cycle (4 samples) :		N/A
	After ageing, voltage drop (mV) after 50th alt. 100th cycle (4 samples) :		N/A
(15.6)	Terminals external wiring		N/A
	Terminal size and rating		N/A
(15.6.2.1)	Pull test spring-type terminals or welded connections (4 samples); pull (N) :		N/A



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Clause	Requirement + Test	Result - Remark	Verdict
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	Pull test pin or tab terminals (4 samples); pull (N) :										N/A
(15.6.3.1)	TABLE: Contact resistance test										
	Voltage drop (mV) after 1 h										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											
	Voltage drop of two inseparable joints										N/A
	Voltage drop after 10th alt. 25th cycle										
	Max. allowed voltage drop (mV)..... :										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											
	Voltage drop after 50th alt. 100th cycle										
	Max. allowed voltage drop (mV)..... :										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											
	Voltage drop after 50th alt. 100th cycle										
	Max. allowed voltage drop (mV)..... :										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)										N/A	
	Continued ageing: voltage drop after 10th alt. 25th cycle										
	Max. allowed voltage drop (mV)..... :										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)										N/A	
	Continued ageing: voltage drop after 50th alt. 100th cycle										
	Max. allowed voltage drop (mV)..... :										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)										N/A	
										N/A	
Supplementary information:											



Remarks

This test report refers to the complete tests carried out on the luminaire model E63 (6W E14 LED; 220-240V 50-60Hz; IP20; Table; normally flammable;

PHOTOBIOLOGICAL SAFETY

Photobiological safety (UV/IR/Blue light) according to EN62471-1/08, IEC/TR62471-2/09, IEC/TR62778/14 are not applicable to halogen lamp and ballasted separated LED lamp sources.

EMF

According to EN 62493:2015 the luminaires with halogen sources are safe and are not tested for the EMF.

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Clause	Requirement – Test	Result - Remark	Verdict
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ANNEX 5 : ENEC agreement

Compliance with limitations emanating from the CENELEC ratifying procedure.

598-1 clause	Enec limitation		Verdict
	Country	Subject	
(2.2)		Elimination Class 0	N/A
(3.2)		Rated voltage (range) including 230V	P
(3.3)	GB,DK	Power supply cord with label	N/A
(5.2.1)		Type of plug	N/A
(5.2.2)		Cables for use outdoors	N/A

598-2-7 clause	Country	Subject	Verdict
(7.4.1)	DK	Class II or III luminaires	N/A



IEC60598_2_4 - ATTACHMENT

Clause	Requirement – Test	Result - Remark	Verdict
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ATTACHMENT TO TEST REPORT IEC 60598-2-4 EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES LUMINAIRES PART 2: PARTICULAR REQUIREMENTS SECTION 4: PORTABLE GENERAL PURPOSE LUMINAIRES

Differences according to: EN 60598-2-4:1997 used in conjunction with
EN 60598-1:2015

	CENELEC COMMON MODIFICATIONS (EN)	
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4.5 (3)	MARKING	
4.5 (3.3.101)	For luminaires not supplied with terminal block: Adequate warning on the package	N/A

4.6 (4)	CONSTRUCTION	
4.6 (4.11.6)	Electro-mechanical contact systems	N/A

4.10 (5)	EXTERNAL AND INTERNAL WIRING	
4.10 (5.2.1)	Connecting leads	N/A
	- without a means for connection to the supply	N/A
	- terminal block specified	N/A
	- relevant information provided	N/A
	- compliance with 4.6, 4.7.1, 4.7.2, 4.10.1, 11.2, 12 and 13.2 of Part 1	N/A
4.10 (5.2.2)	Cables equal to EN 50525	N/A
	Replace table 5.1 – Supply cord	N/A

4.12 (12)	ENDURANCE TESTS AND THERMAL TESTS	
4.12 (12.4.2c)	Thermal test (normal operation) see footnote c to table 12.2 relating to unsleeved fixed wiring	N/A

ZB	ANNEX ZB, SPECIAL NATIONAL CONDITIONS (EN)	
(3.3)	DK: power supply cords of class I luminaires with label	N/A
(4.5.1)	DK: socket-outlets	N/A



IEC60598_2_4 - ATTACHMENT

Clause	Requirement – Test	Result - Remark	Verdict
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(5.2.1)	CY, DK, FI, GB: type of plug		N/A
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ZC	ANNEX ZC, NATIONAL DEVIATIONS (EN)		
(4 & 5)	FR: Shuttered socket-outlets 10/16A		N/A
	FR: Safety requirements for high buildings (Arrêté du 30 décembre 2011 portant règlement de sécurité pour la construction des immeubles de grande hauteur et leur protection contre les risques d'incendie et de panique; Section VIII; Article GH 48, Eclairage) Glow-wire test for outer parts of luminaires:		
	- 850°C for luminaires in stairways and horizontal travel paths		N/A
	- 650°C for indoor luminaires		N/A
(13.3)	GB: Requirements according to United Kingdom Building Regulation		N/A

**ANNEX 6: Mounting instructions (see clause 3.3)**

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APPARECCHIO MOBILE DA TAVOLO
ISTRUZIONI PER LA CORRETTA INSTALLAZIONE, USO E MANUTENZIONE
AVVERTENZE

Le seguenti istruzioni devono essere applicate per una corretta installazione, uso e manutenzione del prodotto, e servono a garantire la vostra sicurezza. È necessario conservarle per una successiva consultazione. Questo foglio deve essere a disposizione anche di chi ne avrà la manutenzione. In caso di dubbio consultare un elettricista qualificato.

Tutti gli apparecchi di illuminazione sono realizzati a mano in Italia, per questo motivo potrebbe essere possibile trovare alcune imperfezioni che caratterizzano l'unicità della lavorazione.

La sicurezza del prodotto è garantita solo rispettando alcune semplici istruzioni di seguito riportate:

Prima di collegare gli apparecchi di illuminazione alla rete elettrica assicurarsi di installare la lampada per evitare qualsiasi contatto accidentale con la parte interna del portalampada E14.

IP20 Apparecchio per interni (non protetto all'acqua o ai corpi solidi).	 Simbolo per il corretto smaltimento dell'apparecchio (RAEE).
 Apparecchio di classe I.	 L'apparecchio è conforme alle norme e alle direttive vigenti.

INSTALLAZIONE

- Estrarre con cautela l'apparecchio dall'imballo; se necessario inserire la lampadina.
- Collegare l'apparecchio alla rete.

CAUTELE DA ADOTTARE DURANTE L'USO DELL'APPARECCHIO

- Non superare la potenza della lampada indicata in marcatura;
- Usare l'apparecchio nella posizione prevista: non appendere oggetti all'apparecchio; non coricare o ribaltare l'apparecchio. Non coprire l'apparecchio (con panni, foulard, ecc.).
- In caso di danneggiamento del cavo di alimentazione per la sostituzione contattare l'assistenza o del personale qualificato. Per la vostra sicurezza non modificare l'apparecchio.
- Durante la manutenzione scollegare la spina / Lasciar raffreddare prima di toccare / Per la pulizia utilizzare solo un panno asciutto.

SMALTIMENTO DELL'APPARECCHIO – RAEE (direttiva comunitaria 2002/96/EC)




A fine vita il prodotto è un rifiuto che non deve essere smaltito come rifiuto urbano ma deve essere destinato alla raccolta separata. Per determinare l'ubicazione delle aree pubbliche di raccolta contattare l'ente di raccolta dei rifiuti, o chiedere al venditore. Anche il venditore può ritirare il vecchio prodotto acquistandone uno nuovo dello stesso tipo. Lo smaltimento errato può causare danni alle persone e all'ambiente per la possibile presenza di sostanze pericolose. Sono previste sanzioni in caso di smaltimento abusivo dei suddetti rifiuti.

PORTABLE LUMINAIRE, TABLE
INSTRUCTIONS FOR THE CORRECTED INSTALLATION, USE AND MAINTENANCE
WARNINGS

The following instructions must be applied for the corrected installation, use and maintenance of the product, and serve to guarantee your safety. These instructions have to be kept for future reference, and must be to disposition also of who will have the maintenance. In case of doubt, please consult a qualified electrician.

All luminaires are hand made in Italy, for this reason could be possible to find some minor imperfections that characterize unicity of the workmanship.

Before to connect the luminaire to power supply be sure to install the bulb, to avoid any accidental contact with the internal part of the E14 lampholder.

IP20 Indoor use only (not water or solid object proof).	 Discharge correctly the luminaire (WEEE).
 Class I luminaire.	 The luminaire withstand the standards and the directives in law.

INSTALLATION

- Extract with caution the luminaire from the packs; insert the bulb, if necessary.
- Connect the luminaire to the supply network.

CAUTIONS

- Respect the lamp wattage marked on the luminaire label;
- Use the luminaire in the expected position: do not hang object to the luminaire; do not lie down or tilt the device. Do not cover (with a cloth, a scarf, etc.) the luminaire.
- If you need to replace the power cord (for example if it have been accidentally damaged), please contact customer service or qualified personnel. For your safety do not modify the luminaire.
- During the maintenance (i.e. for cleaning) disconnect the plug / Let cool before touching / For cleaning, use only a dry cloth.

DISCHARGE OF LUMINAIRE – WEEE (European Directive 2002/96/EC)

This product at its end-life is an electrical waste, and may not be disposed as a normal household waste. You are responsible of the correct disposal of an old product. To determine the locations for dropping off a WEEE, contact your local government office, the waste disposal organisation that serves your house, or the store at which you purchased the product. The store can also withdraw the product. Wrong disposal may cause damages to people and the environment for the possibility of dangerous substances. Sanctions are provided for an illegal disposal of electrical waste.



ANNEX 7: Photographic documentation





ANNEX 7: Photographic documentation



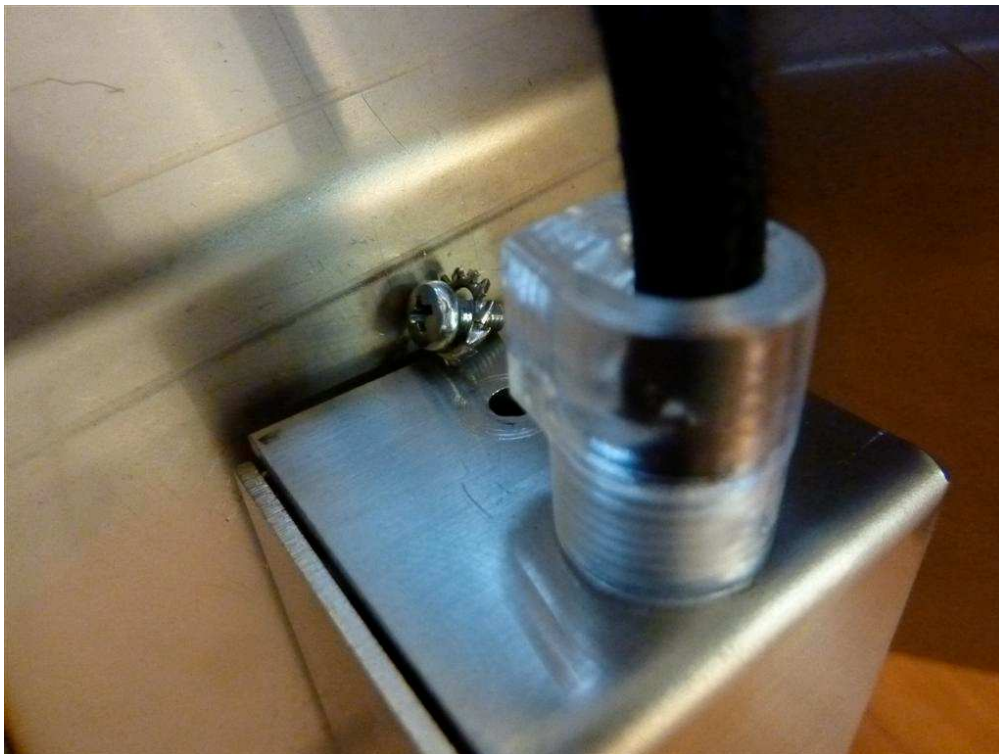
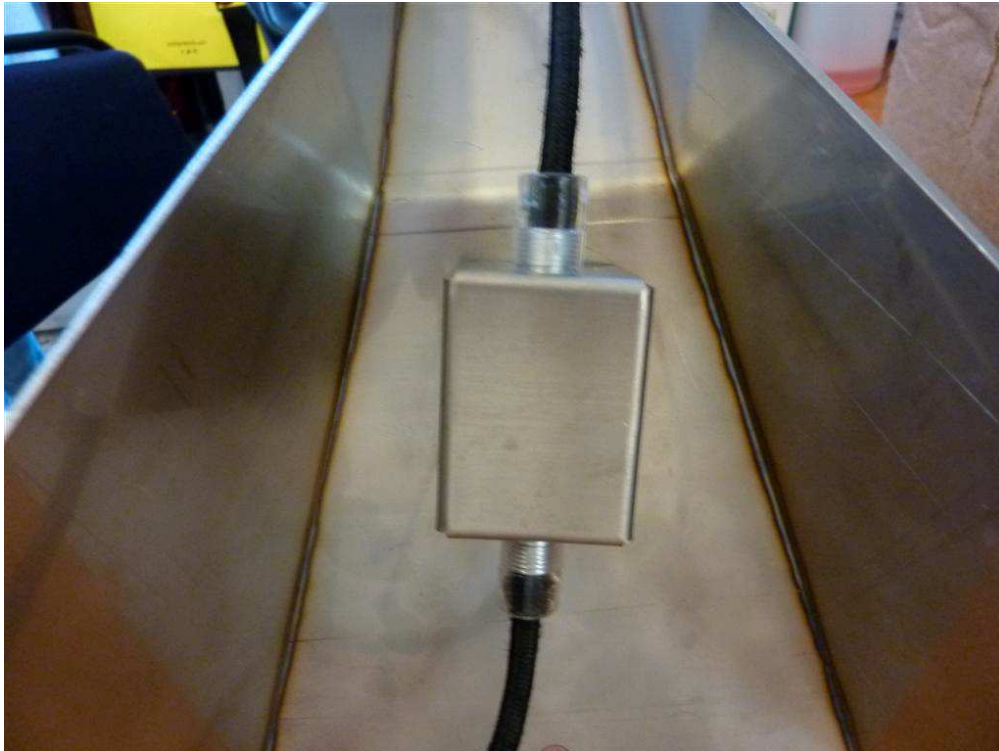


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