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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION
(ISC)

**IEC 62722-2-1—
2017**

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(IEC 62722-2-1:2014, IDT)

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 2020 . 24- IEC 62722-2-1—2017
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 2-1.
 («Luminaires performance — Part 2-1: Particular requirements for LED luminaires». IDT).

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6.2	IEC 62717 () ,	4
6.3	IEC 62717 () ,	4
6.4	4
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10.1	6
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Luminaires. Part 2*1. Particular requirements for luminaires with LED modules

— 2020—06—01

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IEC 62717

IEC 62717

IEC 62722-1.

IEC 62722-1,

IEC 62717

25 %

6000

(62717,

92 106 % *

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- ():
 IEC 60598*1. Luminaires — Part 1: General requirements and tests (1.
)
 IEC 60598*2*3. Luminaires — Part 2*3: Particular requirements — Luminaires for road and street lighting (2*3.
)
 IEC 60598*2*5. Luminaires — Part 2-5: Particular requirements — Floodlights (2*5.
)
 IEC 62031. LED modules for general lighting — Safety specifications (*
)
 IEC 62722-1. Luminaire performance — Part 1: General requirements (1.
)
 IEC 62717. LED modules for general lighting — Performance requirements ()
 IEC 62504. General lighting — LEDs and LED modules — Terms and definitions ()

3

IEC 62717 IEC 62504.

- 3.1 (LED luminaire): ,
 3.2 (family of LED luminaires): : (>
 « , (IEC 62031. 6).
 IEC 62717 (6.2)
 : ,
 ,
 3.3 °C (rated ambient performance *
 temperature). t_q : ,

1 —

 I_q

2 —

 f_q

- 3.4 50%- (median useful life
 (of LED luminaires): ,
 50 % (8 50) ,

3.5

(LED luminaire luminous efficacy):

4**1.**

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)		
)	,	
d)	,	,
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f)		
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h)		
i)		f_q *
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1)	,	0
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^{1*}	. IEC 62717 (D).
^{2*}	. IEC 62717 (6).
^{3>}	. IEC 62717 (5).
^{4*}	. 6.2.	

5**6****6.1****3.****10.3.****2 3.****3**

6.2

IEC 62717

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IEC 62717 (.1,

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IEC 60598-1 (12.4.

 t_p t_p

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(t_{fl}),

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IEC 62717).

(3.12.1) IEC 60598-2-5 (5.12.1)

IEC 60598-2-3

 t_q

IEC 60598-1 (.1,

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6.3

IEC 62717

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6.3.1

6000

25 %

6.3.2

6.3.2.1

IEC 62717 (6.2.1).

6.3.2.2

IEC 62717 (6.2.2).

6.3.2.3

IEC 62717 (6.2.3).

6.4

2.

2 —

		X	X
(— IEC 62717}			
6.2		X	X
7		X	X
8.1		X	X
8.2.3	>	X	X
8.2.4	**	X	X

2

(— IEC 62717)	>- 4)		
		«. >	
8.2.5		X	X
8.3		X	X
9.1	0	—	X
9.1	⑧*	—	X
9.2	0 ⑧>	—	X
9.3	0	—	X
9.3)	—	X
10.2		—	X
10.3(10.3.2)	-	—	X
10.3(10.3.3)		—	X
10.3(10.3.4)	-	—	X

IEC 62717,

IEC 62717.

9.1.9.2 9.3

7

IEC 62717 (7).

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8.1

IEC 62717 (8.1).

25 °C.

(.1.).

8.2

8.2.1

IEC 62717 (8.2.1).

8.2.2

IEC 62717 (8.2.2).

8.2.3

IEC 62717 (8.2.3).

8.2.4

IEC 62717 (8.2.4).

8.2.5

IEC 62717 (8.2.5).

8.3

— 8.1 —

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9.1

IEC 62717 (9.1).

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IEC 62717 (9.2).

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IEC 62717 (9.3).

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6000

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IEC 62717 (10.1).

10.2

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IEC 62717 (. . 6.2)

 t_p I_Q

IEC 62717 (10.2),

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(IEC 62717 (10.2),

 $t_q = 2$. t
1).

(

 $t_p = 5$.

10.3

IEC 62717 (10.3).

IEC 62717

IEC 62717

10 °C

10.3.2.10.3.3

tg.

10.3.4 IEC 62717

10.3 IEC 62717

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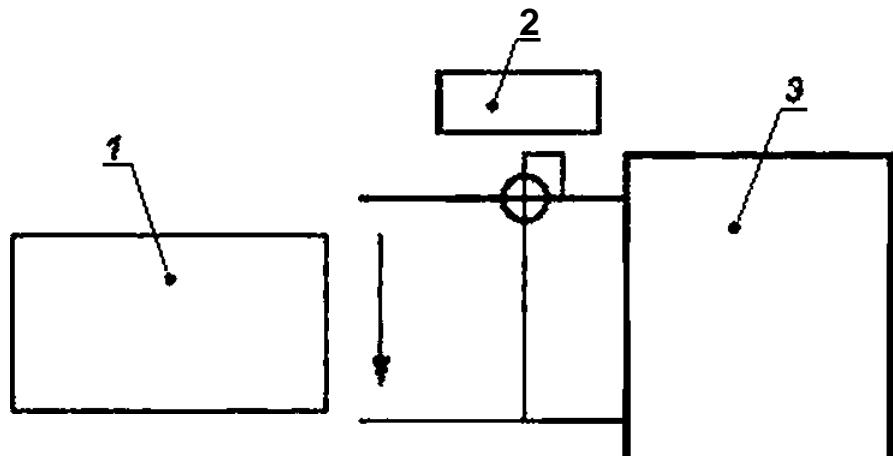
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9.3			—
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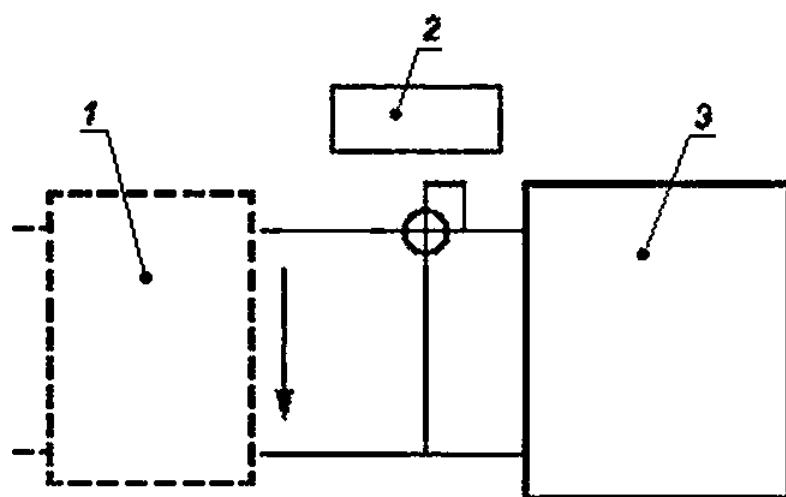
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IEC 62717 (.1.),
« (t_p — 5. , /)»

25 ° .

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IEC 62717 (.2.).

IEC 62717 (. .).

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IEC 62717 (6.1).

8.2

L^ΔBy.

10 % 50 % ().

IEC 62717 ()
10.2

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IEC 60598-1	IDT	IEC 60598-1—2017 « 1. »
IEC 60598-2-3	IDT	IEC 60598-2-3—2017 « 2. » 3.
IEC 60598-2-5	IDT	IEC 60598-2-5—2012 « 2. » 5.
IEC 62031	IDT	IEC 62031—2016 « »
IEC 62722-1	IDT	1 62722-1—2017 « 1. »
IEC 62717	IDT	1 62717—2017 « »
IEC 62504	—	

54814—2011 /IEC/TS 62504:2011 «
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- IEC 60050 (all parts). International Electrotechnical Vocabulary (available at <<http://www.electropedia.org>>) [()]

IEC 61547 Equipment for general lighting purposes — EMC immunity requirements ()

IEC 62442-3:2014 Energy performance of lamp controlgear — Part 3: Controlgear for halogen lamps and LED modules — Method of measurement to determine the efficiency of the controlgear (3.)

IEC 62560 Self-ballasted LED-lamps for general lighting services by voltage >50 V — Safety specifications (co 50 .)

CIE 177:2007 Color rendering of white LED light sources ()

CISPR 15:2005 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment ()

621.316:006.354

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IDT

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