

EU DECLARATION OF CONFORMITY

We, the undersigned,

Manufacturer name (Apparatus)	Telecommunication Technologies Ltd
Address, City:	Mytna Sq. 1 Odessa 65026 Ukraine

Declare the following apparatus:

Product name :	<i>JOOBY "AVENUE"</i>
Model name :	<p>ab X cc - d d d d d - e e e K f g - h h - i i i - j j - k k k + ASC-LRWF-ll-mm</p> <p>a- Console type;</p> <p>b- Quantity of light modules: 1; 2; 3; 4; 5</p> <p>cc- Power consumption of each light module: 40W; 60W; 80W</p> <p>d d d d d - Optical system type:</p> <p>S6/T1 – 28 LEDs asymmetrical lens arrays, type I</p> <p>S6/T2 – 28 LEDs asymmetrical lens arrays, type II;</p> <p>S6/T3 – 28 LEDs asymmetrical lens arrays, type III;</p> <p>S6/T5s – 28 LEDs symmetrical lens arrays, type V;</p> <p>S6/Sc – 28 LEDs asymmetrical lens arrays, type II/III (long)</p> <p>F6/30 – 28 LEDs symmetrical lens arrays 30°x30°;</p> <p>F6/65 – 28 LEDs symmetrical lens arrays 65°x65°;</p> <p>F6/90 – 28 LEDs symmetrical lens arrays 90°x90°;</p> <p>eeeK- Correlated colour temperature: 3K – 3000 K; 4K – 4000 K; 5K – 5000 K;</p> <p>5.7K – 5700 K; 6.5K – 6500 K.</p> <p>f - Colour rendering index: 7 – 70 -79; 8 – 80 - 89;</p> <p>g- Luminous efficacy category: S - ≥ 111 lm/W (small); M - ≥ 121 lm/W (medium);</p> <p>L - ≥ 131 lm/W (large); H - ≥ 141 lm/W (high);</p> <p>hh- Leds manufacturer;</p> <p>iii-- surge protective device: SPC; SP2C;</p> <p>jj- Control type: DL – DALI; D01 – 0 - 10V dimming with emergency mode;</p> <p>DEM – emergency mode dimming; DMV – mains voltage dimming.</p> <p>kkk- Mounting device type: T1 – for mount on steel span wire; F1, F2,</p> <p>F3, Fw-for mount on ceiling or wall; Rx2 – for mount on ceiling by steel suspension wires;</p> <p>ll-motion sensor : IR12;</p> <p>mm-PC - light sensor</p>

conform with the essential requirements of the following directives: (Note: conform, Not conform)

2014/35/EU-LVD Directive	
EN 60598-1:2015	Luminaires Part 1: General requirements and tests
EN 60598-2-3:2003+A1:2011	Luminaires Part 2-3: Particular requirements Luminaires for road and street lighting
LRWF	
EN 60529:1991/A2:2013	Degrees of protection provided by enclosures (IP Code)
EN 60950-1:2006 + A11:2009 + A1 :2010 + A12:2011 + A2:2013	Information technology equipment - Safety Part 1: General requirements
EN 60950-22:2006 +A11:2008	Information technology equipment - Safety - Part 22: Equipment installed outdoors IEC 60950-
LRWF, DMV	
EN 61347-1:2015	Lamp controlgear - Part 1: General and safety requirements
EN 61347-2-11:2001	Amendment 1 - Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
ASC	

EN 62368-1:2014/AC:2015	Audio/video, information and communication technology equipment - Part 1: Safety requirements
2014/30/EU-EMC Directive	
EN 61547:2009	Equipment for general lighting purposes – EMC immunity requirements
EN 55015:2013	Limits and methods of measurement disturbance characteristics of electrical lighting and similar
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) – Part 3-2: Limits for harmonic current emissions (equipment input current ≤ 16A per phase)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
2014/53/EU-RED Directive	
ETSI EN 301 489-1 V2.2.0	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard covering the essential requirements of article 3.1 (b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU
ETSI EN 301 489-3 V.2.1.1:2017	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 236 GHz; Harmonized Standard covering the essential requirements of article 3.1 (b) of Directive 2014/53/EU
ETSI EN 301 489-17 V3.2.0:2017	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonized Standard covering the essential requirements of article 3.1 (b) of Directive 2014/53/EU
ETSI EN 301 489-19 V2.1.0	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data; Harmonized Standard covering the essential requirements of article 3.1 (b) of Directive 2014/53/EU
ETSI EN 303 413 V1.1.1	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
ETSI EN 300 220-1 V3.1.1:2017	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement
ETSI EN 300 220-2 V3.1.1	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonized standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non-specific radio equipment
ETSI EN 300 328 V2.1.1	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band modulation techniques; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
2011/65/EU RoHS Directive	
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

The product carries the CE mark applied onto it.



Place and date of issue (of this DoC):

July 24, 2020

Signed by or for the manufacturer

Name (in print): **Dodonov Miroslav**

Title: **Director**

