

## **Technical Data Sheet APELABS PIXEL**



DIMENSION	WEIGHT	CONSTRUCTION	LED TYPE	BULBS
28.5 x 26.5 x 8.0cm	3.7kg	Aluminium and Polycarbonate	RGBWW	9 x LEDs

## **FEATURES**

- LED lamp for outdoor use (IP65)
- With built-in battery for approx 8 hours or mains power connection (TRUE1 In) Ideal for events, stages, restaurants or permanent outdoor installations
  Powerful lamp with 9 x 18W LED also for high walls and large areas

- 9 LEDs as controllable pixels, multipixel presets via app & remote Homogeneous light image & even color mixing for full flexibility in colour, brightness, effects & programs For use standing or via bracket mounting with 360° rotation function & grid feet
- Battery operation or continuous operation possible on mains power with power adapter Optional runtime management via app (e.g. power saving modes)
- Made in Germany
- Suitable for a variety of applications, e.g. ambient lighting, uplighting, facade lighting, stage lighting, gastronomy, dance floor & architecture
- 29 x 18 Watt pixel LEDs, LED Type: RGB + WW (2700K) + NW (6000K) + Lime controllable as multipixel Beam angle: 15 ° for Spot and 150 ° for Flood Controllable via remote control, smartphone app, wireless DMX Flicker-free LED control (DUAL-DRIVE, no PWM)

- Automatic signal repeater: connection to additional lamps over a distance of up to 1200 m
  Wireless DMX via CRMX & Ape Labs CONNECT (App for iOS & Android)
  DMX profiles: 6ch, 7ch, 12ch, 36ch, 54ch
  Radio frequency: 2.400 2.485 MHz / max. 20 dBm (100 mW EIRP\*)
  Theft protection through motion sensor & acoustic alarm and 2 x safety option via bracket or M6 eyelet (included)
  Pairing function for stable wireless connection with all Ape Labs devices

- Cloud-based storage of lamp settings (app compatible)
  Free software updates for lamps, CONNECT and apps with regular updates with new features from the community
  TRUE1 Loop socket (100–240 V mains power connection)



LIGHT PROPERTIES			
Wavelength red	622.5nm		
Wavelength green	522.5nm		
Wavelength blue	462.5nm		
Colour temperature warm white	2700K		
Colour temperature neutral white	6000K		
Colour rendering in CRI (Ra)	90		
PWM (Pulse Width Modulation)	500Hz – 4000Hz		
Flicker free	Yes		
Dimmable	Yes		
Illuminance LUX	Available on request		

TECHNICAL SPECIFICATIONS			
Power usage in Battery and Mains Modes	8h internal battery in dynamic mode (70% brightness) and 2h at 100% ultimate brightness Charging voltage lamp 16 – 19 V Operating voltage lamp 12 V Battery type in lamp Li-lon 96 Wh Lamp operating voltage: 12 V Mains input voltage: 12 V Mains input voltage: 100–240 VAC – 50/60 Hz TRUE1 Loop input (V in) Continuous operation possible Lamp remains switched on in mains operation during a power failure		
Control/Operation	<ul> <li>4 group management via remote control and smartphone app or 4 DMX universes</li> <li>Automatic signal repeater from lamp to lamp</li> <li>Remote control item 8179 black or item 7865 white (approx. 50 meter range)</li> <li>Smartphone app for iOS &amp; Android via CONNECT Art. 8151 Cream or Art. 8152 Gray (approx. 1200 meter range)</li> <li>Wireless DMX via CONNECT Art. 8151 Cream or Art. 8152 Gray (approx. 1200 meter range)</li> </ul>		
DMX	6 channel 8 bit RGBWW-NW-L     12 channel 16 bit RGBWW-NW-L     7 Channel Ape Labs Mode     54 channel 9-pixel mode RGBWW-NW-L     36 channel 9-pixel mode RGBWW		
Wireless	2.4GHz (2400-2485MHz)     Max. 20dBm ~ 100mW (EIRP*)		
Housing	IP65 waterproof     360° rotating bracket with fold-out grid feet     Hole diameter for bracket mounting: 10,3 mm     Acrylic glass surface, scratch-resistant (Optical HC material)		
More Functions	Music Fashion     Full flexibility in colour, brightness, effects and programs     Flicker-free LED control (DUAL-DRIVE Technology, no PWM)     Pairing of all Ape Labs devices for stable wireless connection     Cloud-based storage of personal lamp settings     Free software updates for lamps, CONNECT and apps     Regular software updates with new features and community feedback		