




LED PAPI PRECISION APPROACH PATH INDICATOR L-880, L-881

LED TYPE



			<p>Compliance: ICAO Annex 14 Vol. I (8th. Edition, July 2018) EASA CS-ADR-DSN FAA 150/5345-28H</p>
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FEATURES

- Simple design
- Sharp color transition
- Controlled positioning
- Easy installation and adjustment
- User-replaceable optic elements
- Corrosion resistant body

APPLICATION

LED one-projector PAPI with solar power supply; designed for permanent usage at Airports located in regions with unavailable electrical infrastructure and high photovoltaic potential

TECHNICAL SPECIFICATIONS

<p>Optics</p>	<p>Safety & Reliability</p>												
<ul style="list-style-type: none"> • One-projector PAPI unit • LED Type • NVG capable (optionally) • Vertical adjustment 0-10 • Transition: Better than 3 minutes of arc on beam axis • Maximum power consumption: 80W per unit • Adjustable intensity level: 1, 3, 10, 30, 100% • LED lifespan: 50.000 hrs • Azimuth range: +/- 8 (ICAO) or +/- 10 (FAA) 	<ul style="list-style-type: none"> • Real-time monitoring (requires ALCMS) • Over charging, over discharging, over load protection • Short-circuit protection • Emergency ON/OFF button • Tilt-fail detection • Individual PCU per PAPI unit 												
<p>Power Supply</p>	<p>Casing & Components</p>												
<ul style="list-style-type: none"> • 6.6 A • 230 VAC • SE-302 Solar Engine (not included) • S4GA Power Bank (autonomy: 15 hrs) 	<ul style="list-style-type: none"> • Cabinet and body material: stainless steel • Base frame, breakable coupling and FAA cables (optionally) • Lens heater • Set of 3 anchor bolts for PAPI: yes • PCU included • Dimensions (LxW): 1055 x 980 mm • Height: 980 - 1120 mm • Weight: 47 kg 												
<p>Wireless Control</p>	<p>Compliance</p>												
<ul style="list-style-type: none"> • Wireless mesh type network • Operating frequency: 868 MHz (optional 2.4GHz or 433 Mhz) • Operating range: up to 1.5 km, relayed • Remote activation: <ul style="list-style-type: none"> • Via UR-101 Handheld Controller • Via UR-201 Control & Monitoring Unit <ul style="list-style-type: none"> • VHF activation (Air-band Radio) • Via ALCMS Computer Interface (requires UR-201) • Photoelectric intensity control capable 	<table border="1"> <tr> <td data-bbox="829 1777 1105 1809">Photometric</td> <td data-bbox="1127 1724 1507 1770">ICAO, Annex 14th, Volume I, 8th Edition dated July 2018, Figure A2-23</td> </tr> <tr> <td></td> <td data-bbox="1127 1793 1507 1825">EASA CS ADR-DSN, Figure U-26</td> </tr> <tr> <td></td> <td data-bbox="1127 1839 1507 1871">FAAAC 150/5345-28H, Figure 3-1</td> </tr> <tr> <td data-bbox="829 1937 1105 1969">Chromaticity</td> <td data-bbox="1127 1885 1507 1930">ICAO, Annex 14th, Volume I, 8th Edition dated July 2018, clause 5.3.5.30, Figure A1-1b</td> </tr> <tr> <td></td> <td data-bbox="1127 1953 1507 1986">EASA CS ADR-DSN.M.645.c.2.i, Figure U-1B</td> </tr> <tr> <td></td> <td data-bbox="1127 1999 1507 2022">FAAAC 150/5345-28H, clauses 3.2.1 & 4.9.1</td> </tr> </table>	Photometric	ICAO, Annex 14th, Volume I, 8th Edition dated July 2018, Figure A2-23		EASA CS ADR-DSN, Figure U-26		FAAAC 150/5345-28H, Figure 3-1	Chromaticity	ICAO, Annex 14th, Volume I, 8th Edition dated July 2018, clause 5.3.5.30, Figure A1-1b		EASA CS ADR-DSN.M.645.c.2.i, Figure U-1B		FAAAC 150/5345-28H, clauses 3.2.1 & 4.9.1
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<p>Remote Activation & Control</p>	<p>Accredited Laboratory Testing</p>												
<ul style="list-style-type: none"> • Temperature range: -35 to 55°C (-31 to 131 °F) Optional: -55 to 55°C (-67 to 131 °F) • Ingress protection: IP-65 • Resistant to accumulation of rain and snow on lenses surface 	<table border="1"> <tr> <td data-bbox="829 2068 1105 2098">Photometric & Chromaticity</td> <td data-bbox="1127 2068 1507 2098">TÜV Rheinland</td> </tr> </table>	Photometric & Chromaticity	TÜV Rheinland										
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