



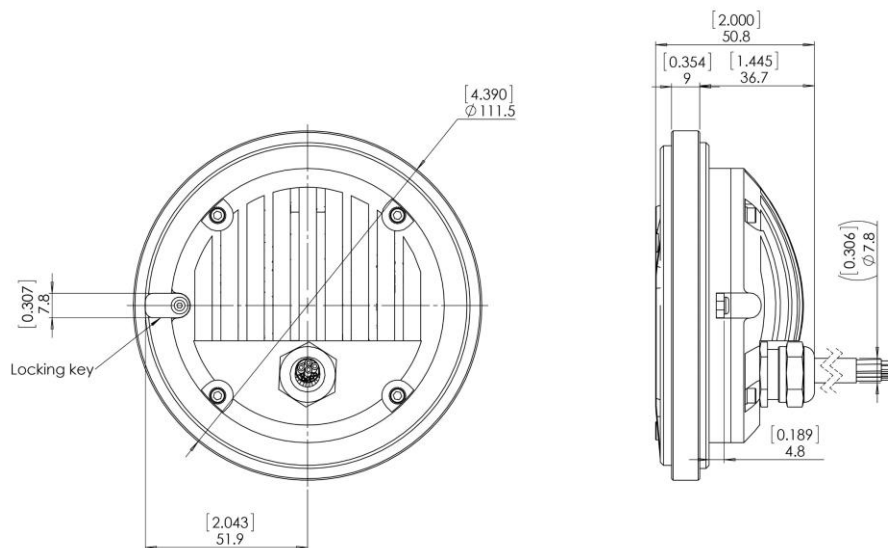
Installation Manual
HERCULES DROP-IN PLUS

AVE-HPD30TLFW-D01

PRODUCT SPECIFICATION

- | | |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1. Number of LED: | 30 |
| 2. Input voltage: | 9-36 V DC |
| 3. Current: | |
| - Taxi | max. 4.2A (12V) |
| - Landing | max. 6.3A (12V) |
| - Landing + Taxi | max. 10.5A (12V) |
| 4. Output power [Hi/Low]: | |
| Taxi | 45/21W |
| Landing | 68/33W |
| Landing + Taxi | 113W/54W |
| 5. Voltage protection: | 80V, both polarities |
| 6. Under-voltage lockout: | 8.5V |
| 7. Over-voltage lockout: | 37V |
| 8. Ambient temperature: | from -55°C to +85°C / from -67°F to +185°F |
| 9. Function description: | |
| a. 1x12 LEDs - Taxi, steady light | |
| b. 2x9 LEDs - Landing, steady light | |
| c. 1x12 + 2x9 - Taxi+Landing | |
| d. Synchro Mastre function, active – low | |
| e. Wig-Wag – Taxi LEDs only | |
| f. Master/Slave select sequential and simultaneous Wig-Wag mode | |
| g. High/Low power select for Landing and Taxi. | |
| 10. Beam Pattern: | |
| a. 12° Vert 12° Horizont – Landing | |
| b. 12° Vert 12° Horizont – Taxi | |
| 11. Light Intensity (calculated): | |
| a. 104.000 cd - Landing Hi | |
| b. 56.000 cd - Landing Lo | |
| c. 62.000 cd - Taxi Hi | |
| d. 32.000 cd - Taxi Lo | |
| e. 166.000 cd - Landing + Taxi Hi | |
| f. 88.000 cd - Landing + Taxi Lo | |
| 12. Overheat protection, temperature dependent decrement intensity | |
| 13. Weight: | less than 1.08lbs (490 g) with Aveo bracket |
| 14. Material: | a. Housing/Heatsink: Aluminum Alloy, natural anodizing
b. Lens: Clear PMMA |

TECHNICAL DRAWING



Dimensions in [inches] mm

WIRING DIAGRAM

