



CHALLENGER 300 SERIES LIGHTING

- LED & HID Products
- Increases safety, see and be seen
- Reduces electrical load and heat output
- Increased Reliability
- 5 year warranty, proven system based on-time-tested components
- Thousands of installations worldwide
- HID Patented Multi- Light Array
- FAA, STC, EASA, DGCA, ANAC, & Transport Canada Approvals





BOMBARDIER CHALLENGER 300 SERIES

Whelen Aerospace Technologies (WAT) offers two lighting solutions for the Challenger 300 series, both of which increase safety and aircraft dispatch reliability.

WAT's HID (High-Intensity Discharge) wing-mounted lighting upgrade is the most popular choice for the CL-300. Our Multi-Array wing lights replace the stock 45W single lamp assemblies located in each wing root and replace it with WAT's patented dual 85W HID lamps. Not only does this system produce over 1 million candle power, but it is also redundant. This system is offered with or without pulse capability and ships with all components needed for installation including all paperwork

WAT's Parmetheus™ Pro PAR36 drop-in replacement LED is the upgrade provided for the Challenger nose gear taxi lights. The Parmetheus™ Pro produces 106k candle power making this LED brighter and more efficient than the stock incandescent lamps.

Nighttime operations have more increased risk than daytime operations. If you add inclement weather, nighttime flights become even more hazardous. Whelen Aerospace's HID and LED lighting products for the CL-300 give you the ability to see and be seen in both day and nighttime operations.

Part #	Description	Candlepower	Approvals
LSM-SCD-042-1	Parmetheus™ Pro Par 36 LED	106,169 ea.	FAA STC Approved
LSM-500-119	Challenger 300/350 Dual HID Wing Landing Light System. Offered with or without pulse controller.	1,371,640 ea.	FAA STC Approved

The test data below was taken from a certified independent lab indicating max candela power on single PAR 36 lamps.

MAX CANDELA OUTPUT

