

EPI
GROUP



LUMINATOR
TECHNOLOGY GROUP



Cockpit Utility Light



Key Characteristics:

- NVIS Green A, NVIS Green B, NVIS White (Visible), White (Visible) Only or Any Combination
- Meets Intensity and Light Requirements of MS17245
- Night Vision Goggle Compatible per MIL-L-85762A
- Pilot's Answer for Switchable Interior Lighting
 - Adjustable Spot to Flood
 - Momentary On Switch

Features and Benefits:

- 28VDC
- Weight: 10.4 oz. Including Cord



LED Exit Identifiers and Locators

Features and Benefits:

- PMA Approved
- Designed for Clear, Concise and Direct Evacuation and Exit Direction
- LED Results in Low Power Draw and Maintenance
 - Custom Colors and Messages
 - Mounted on Walls and Ceilings
 - Available in Text or Symbolic

Key Characteristics:

- 5.5 to 8.2 VDC
- Locator: 6.45 Watts Max and 1.8 lbs.
- Marker: 4.0 Watts Max and 1.0 lbs.
- Lifecycle Exceeds 40,000 Hours



Fixed Landing Light

Key Characteristics:

- Multiple Lamp Options
- Multiple Beam Patterns
 - PMA Approved
- IR Filter Available and Convertible



Features and Benefits:

- 250 Watt Max
 - 28 VDC
- 9 AMP Maximum
- Weight: 0.70 lbs



General Illumination Emergency Lighting



Features and Benefits:

- Common "Light Engine" Design Concept Used with Multiple Lenses and Bezels to Aim Light at Required Intensity
 - Both Single and Dual LED
 - Flushed with Side Paneling
- Powerful Highly Efficient Light Sources Combined with Custom Optics Allow for Reduced Part Count and Power Requirements per Installation
 - Custom Colors and Bezels for Your Mounting Location and Application

Key Characteristics:

- 6.0 and 28.0 VDC Input Available
- Weight, Power and Voltage Depend on Light



HID/IR Searchlight

Key Characteristics:

- No Black Out Time Between Switching Modes
 - Low Lamp Power Draw
- White (Visible) HID Light with 20-40 Times Longer Life than a Standard 200W Halogen Lamp
- 100-200 Times Longer Life than a Standard PAR46 Lamp
- White Light up to 690K Candlepower with the 75 Watt; 370K with 50 Watt
- LED IR Light Source—10,000 Hours; 200 Times Longer Life
 - MIL-L-81174/2B Spec Compliant



Features and Benefits:

- Variable Candlepower Options, Multiple Connectors and Beam Spreads Available
 - IR Intensity: 16 NRI
- HID Lamp: 55 Watts Max (50W), 78 Watts Max (75W)
 - IR LED Ring: 76W Max (Dimmable)
 - Motors & Circuitry: 100W Max
 - Weight: 6.70 lbs.



HID Single Mode

Key Characteristics:

- 50 Watt Lamp has a 40 Times Longer Life than a Standard 200W Halogen Lamp, 20 Times Longer for the 75 Watt Lamp
- White Light up to 370,000 Candlepower for the 50W Lamp, 690,000 Candlepower for the 75W Lamp
- Designed to Fit the Existing MIL-L-81174/2B

Features and Benefits:

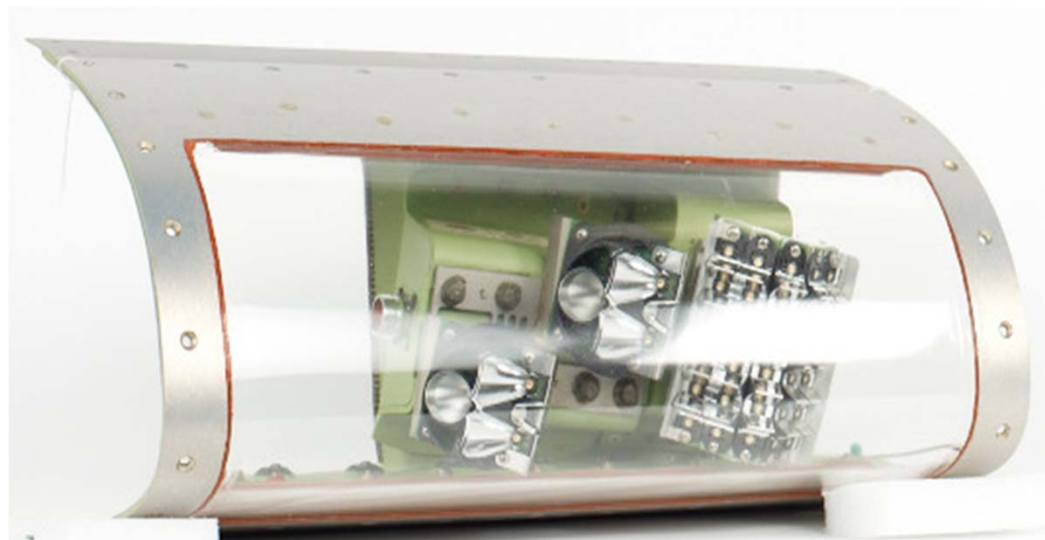
- HID Lamp Draws 55W Maximum for the 50 Watt Lamp, 78W Maximum for 75W Lamp
- HID Lamp plus Circuitry and Motors Draws 100 Watts Maximum
- Weight: 6.7 lbs.



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INTEGRATED WINGTIP LIGHT ASSEMBLY



EXTERIOR

Large LED Cargo Lights



Features and Benefits:

- PMA Approved
- Meets SAE ARP 1283 Cargo Lighting Requirements
- Heatsink Fins Dissipate Heat
- LED Lighting Results in Lower Power Usage and Virtually No Maintenance
- Ideal for Both Airplane and Helicopter Applications

Key Characteristics:

- 28 VAC @ 50 Hz; 600mA
- 28 VDC @ 400mA
- Weight: 1.0 lbs
- No Relamping Required
- Low Touch Temperature



LED Area Utility Light

Features and Benefits:

- PMA Approved
- Compact Design with Optional Mounting Bezel
 - Dual Level Intensity; DIM or Bright
- LED Lighting Results in Lower Power Usage, Lower Heat Output and Virtually No Maintenance
 - Attractive Design Compliments Interior
- Defused Optical Lens for More Uniform Light
- Illuminates Crew Rest Areas, Steps and Stairways or General Lighting Applications



Key Characteristics:

- 28VDC; 65 mA; 5 Watt Maximum
- Weight: 0.20 lbs.



LED Flex Map Light

Key Characteristics:

- Dual Mode Available in NVIS Green A, NVIS Green B, NVIS White and IR Secure Blue
- Night Vision Goggle Compatible per MIL-L-85762A
- Rugged Metal Construction Stands Up to Harsh Environments



Features and Benefits:

- On-Off Toggle Switch
- Dimmer Control- Fully Dimmable
- Head Swivels to Adjust
- Flexible Arm Adjusts to Any Position
- Neck Available in Multiple Lengths
 - 28 VDC
- Weight: 0.40 lbs



LED Seat Proximity Lights



Features and Benefits:

- PMA Approved
- Seat Mounted Marker Lights Replace the Current Floor Track System
- Lenses Available in Clear, Red, Translucent White or Custom Colors
- LED Lighting Results in Lower Power Usage, Lower Heat Output and Virtually No Maintenance
- Custom Wiring Configurations
- Lifecycle Exceeds 40,000 Hours

Key Characteristics:

- 5.5 to 8.2 VDC
- 0.3 to 1.2 Watts Versions



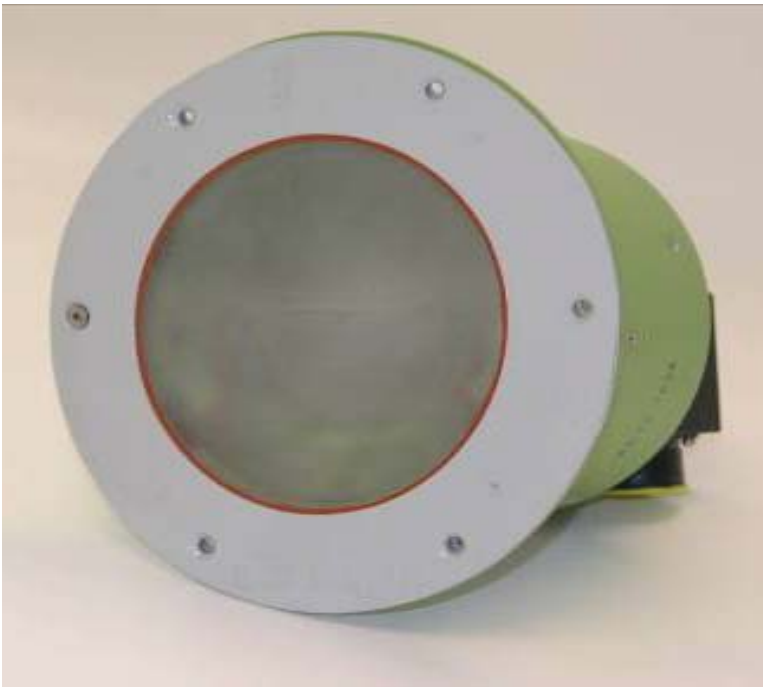
Logo Light

Features and Benefits:

- LED Lighting Results in Lower Power Usage, Lower Heat Output and Virtually No Maintenance

Key Characteristics:

- 105V. At 400 Hz
- 2.25 lbs. Max



LS 16

Key Characteristics:

- Reaches in Excess of 50 million+ Candlepower at 1600W
- Circular Beam Spread Varies from 4-16° Using a Bi-directional Remote
- Can Host up to 2 Auxiliary Payloads which are also Controlled by the Remote

Features and Benefits:

- Optional 1400w for Reduced Power Draw from Helicopter Electrical System
- White Light is Warranted for 2,000 Hours
 - 28 VDC
- 1600W= 70 AMPS, 1400W= 59 AMPS
- Weight: 45 lbs. (Excluding External Cables and Auxiliary Mounts)



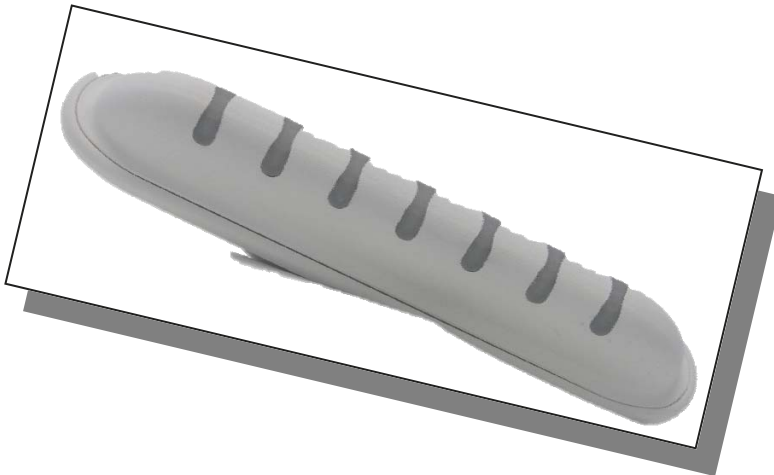
Master Call System

Features and Benefits:

- PMA Approved
- Communication Between the Flight Crew and Passengers
- Custom Housing Colors
- Programmable LED Colors and Color Locations
- LED Lighting Results in Lower Power Usage, Lower Heat Output and Virtually No Maintenance
- Lifecycle Exceeds 40,000 Hours

Key Characteristics:

- 32.8VDC
- 2.8 Watts Max
- Weight: 0.365 lbs.



Passenger Information Signs

Features and Benefits:

- PMA Approved
- LED Lighting Provides Low Power Usage, Low Heat Output and Virtually No Maintenance
- Lifecycle Exceeds 100,000 Hours
- Attractive "Dead Front" When Not Illuminated
- Designs Include: "Lavatory Occupied", "No Smoking", "Return to Seat", "Fasten Seat Belt", "Switch Phone Off", or Can Be Customized to Fit Your Needs
- Snap Fit Mounting

Key Characteristics:

- 28VAC/VDC
- Weight: 1.0 oz. Typical



Passenger Service Unit

Features and Benefits:

- Specifically Designed for Smaller Aircraft and Rotor Wing Applications
- NVIS White Filter is Applied to Our Standard Passenger Service Units Giving a Choice of Applications
 - Pilot/Attendant Call Switch with Pilot Override Switch
 - Adjustable Air Valve
 - PMA Approved



Key Characteristics:

- Reading Light Lens is NVIS White Compliant per MIL-STD-3009; Others are Available
- Switch Buttons are NVIS Green A & B Compliant per MIL-STD-3009; Other Buttons are Available
 - 28 VDC
 - 0.45 amp
 - Weight: 1.1 lbs
 - Air Flow: 13 SCFM



SINGLE WHITE SEARCHLIGHT



SEARCHLIGHTS



Small LED Cargo Lights



Features and Benefits:

- PMA Approved
- Light Weight All LED Utility Light
- Withstands Harsh Conditions
- Ideal for Cargo/Freight Environment
- Illuminate a Wide Area with Small Footprint
- Universal Mounting
- Custom Colors
- LED Lighting Results in Lower Power Usage and Lower Heat Output

Key Characteristics:

- 28 VDC @ 400mA
- 28 VDC @ 124mA



SEARCHLIGHTS

DUAL MODE TRI-LAMP



EP
SYSTEMES




Luminator
AEROSPACE

EXTERIOR LED AREA LIGHT



EXTERIOR

EP
SYSTEMES



Luminator
AEROSPACE

EXTERIOR LED AREA LIGHT

DIMENSIONS: SEE BELOW

WATTS: 2 WATTS MAX

VOLTAGE: 5.5 – 8.2 VDC

CONNECTOR: AMPHENOL SJS840320

LED LIGHT COLOR: 5600K (CONTACT US FOR SPECIAL REQUIREMENTS)

BEAM WIDTH: 20' X 25 'W

WEIGHT: .380 LB. (.172 KG) MAX

MOUNTING: FOUR 8/32 INCH BUTT-HEAD TORX CAPTIVE FASTENERS

OPERATING TEMP RANGE: -55 TO +55 ° C

VIBRATION: 9.5 GRAMS

SHOCK: 20 G

LED LIFE EXPECTANCY: 50,000 FLIGHT HOURS

MATERIALS: ALUMINUM HOUSING, BOROSILICATE GLASS LENS

HOUSING COLORS: GREEN BODY, WHITE BEZEL

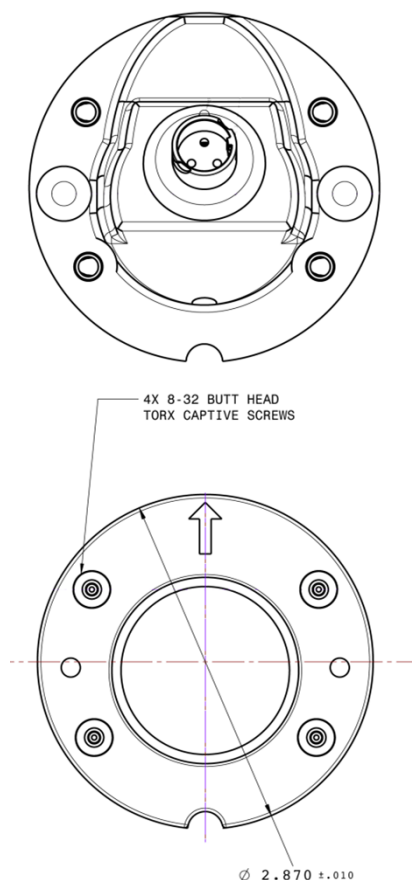
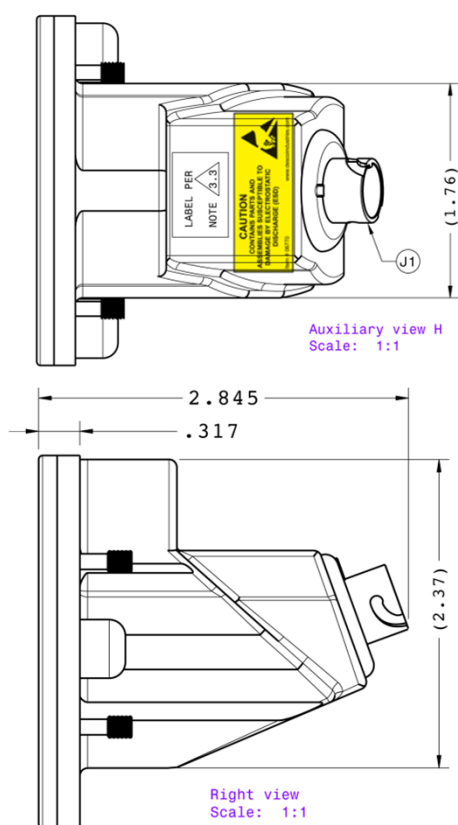
PART NUMBERS:

Door 1: 0204915

Door 2: 0204916

Door 3: 0204917

Door 4: 0204918



DUAL MODE TRI-LAMP

DIMENSIONS: 12.125" X 6.125"

WATTS:

- VISIBLE LAMPS (2X): 400W NOMINAL (450W MAX)
- IR/AUX LAMP: 200W NOMINAL (250W MAX)
- MOTORS AND CIRCUITRY: 100W MAX

VOLTAGE: 28.0 VDC

HALOGEN LIGHT COLOR: 2 VISIBLE (WHITE) AND 1 INFRARED (IR) FILTERED

BEAM WIDTH: MULTIPLE

WEIGHT: 6.5 LBS. MAX

CANOPY COLOR: BLACK

PMA APPROVED DESIGNS AVAILABLE

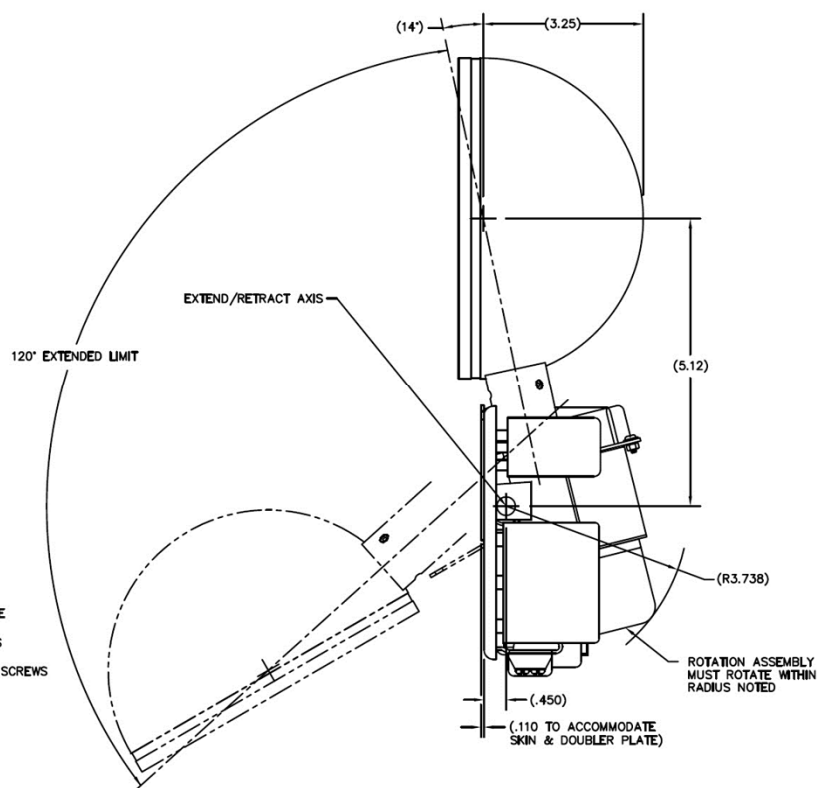
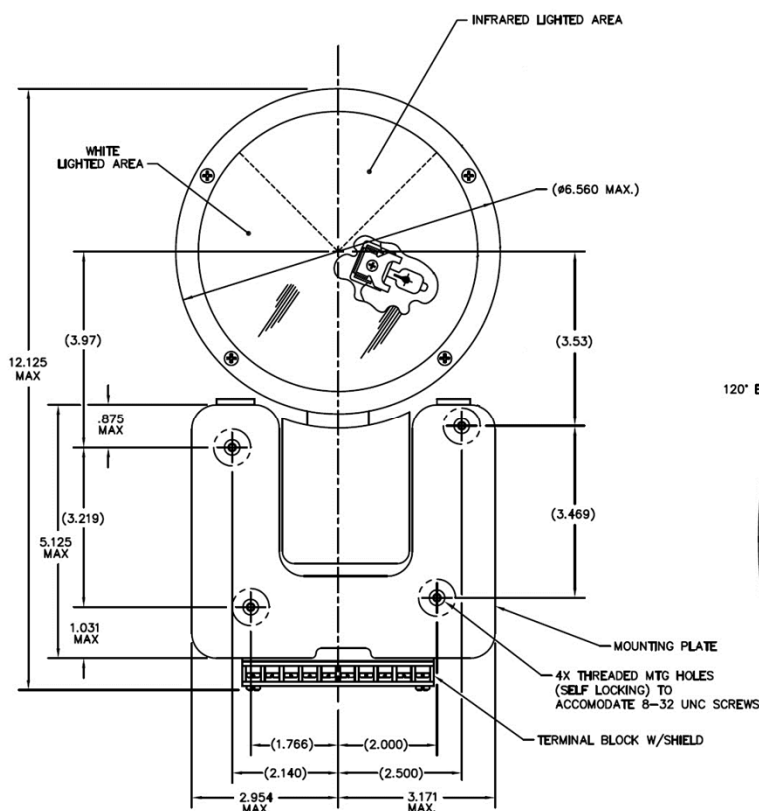
DESIGNED FOR A FLUSH MOUNT CANOPY ALLOWING THE OPERATOR TO CHANGE LIGHT MODES (WHITE/IR) WITH A FLIP OF A SWITCH

COMPATIBLE WITH HELICOPTER ENVELOPE PER MIL-L-81174/2B

FITS STANDARD KEYHOLE CUTOUT ON NEW AND EXISTING AIRFRAMES

INFRARED MODE- VARIOUS CANDLEPOWER AND BEAM SPREADS AVAILABLE

FULLY SLEWABLE 360° ROTATION & 120° EXTENSION



SINGLE WHITE SEARCHLIGHT

DIMENSIONS: 12.125" X 6.125"

WATTS: 150W-450W AVAILABLE

VOLTAGE: 28 VDC

LIGHT OUTPUT: 4.5K-400K CP
AVAILABLE

LAMP COLOR: WHITE INCANDESCENT

BEAM SPREAD: MULTIPLE AVAILABLE

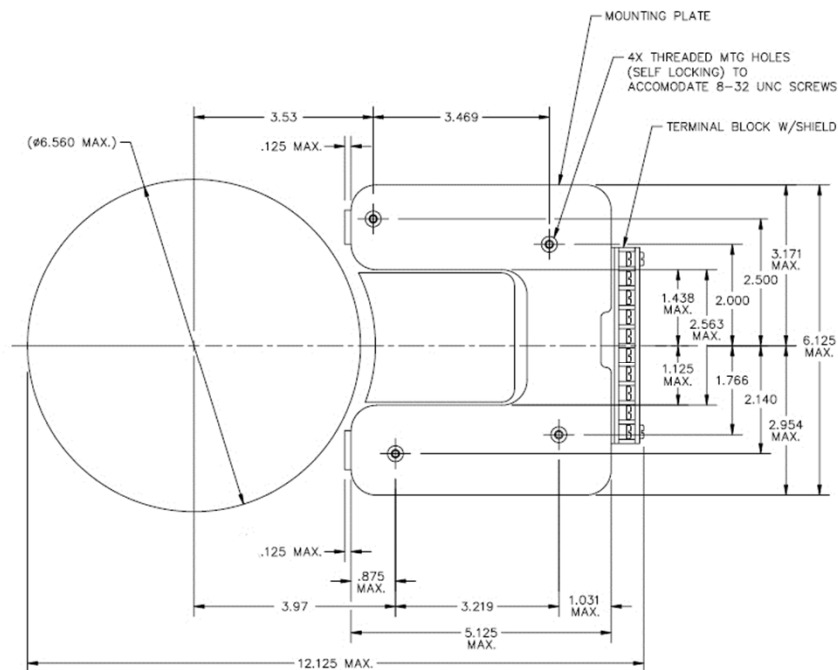
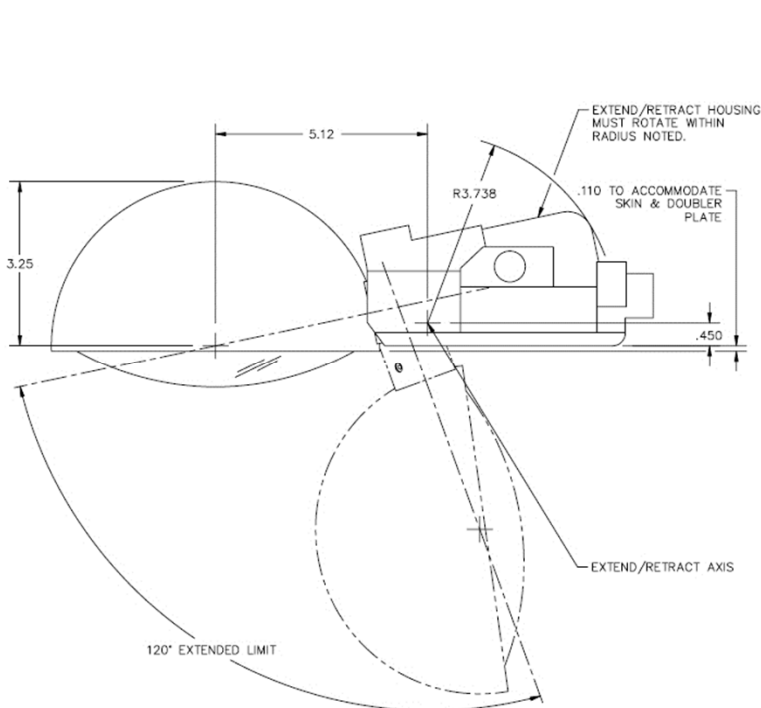
WEIGHT: 5.6 LBS MAX

MAX OPERATIONAL AIR SPEED: CAN
EXTEND AT 150 KNOTS, ONCE EXTENDED
AND STATIONARY IT CAN WITHSTAND 180
KNOTS

**SEVERAL CONFIGURATIONS MEET NSN
AND AVSCOM PART NUMBER
REQUIREMENTS**

**MIL-L-81174/2B SPEC COMPLIANT
ALL METAL GEARS**

PMA APPROVED



INTEGRATED WINGTIP LIGHT ASSEMBLY (IWLA)

DIMENSIONS: 21.3" X 9.9"

VOLTAGE:

- ACL: 18 VDC TO 29.5 VDC
- NAV: 18 VDC TO 29.5 VDC

WEIGHT: 18 LBS MAX

PMA APPROVED

BUILT-IN REDUNDANCY

PART NUMBERS:

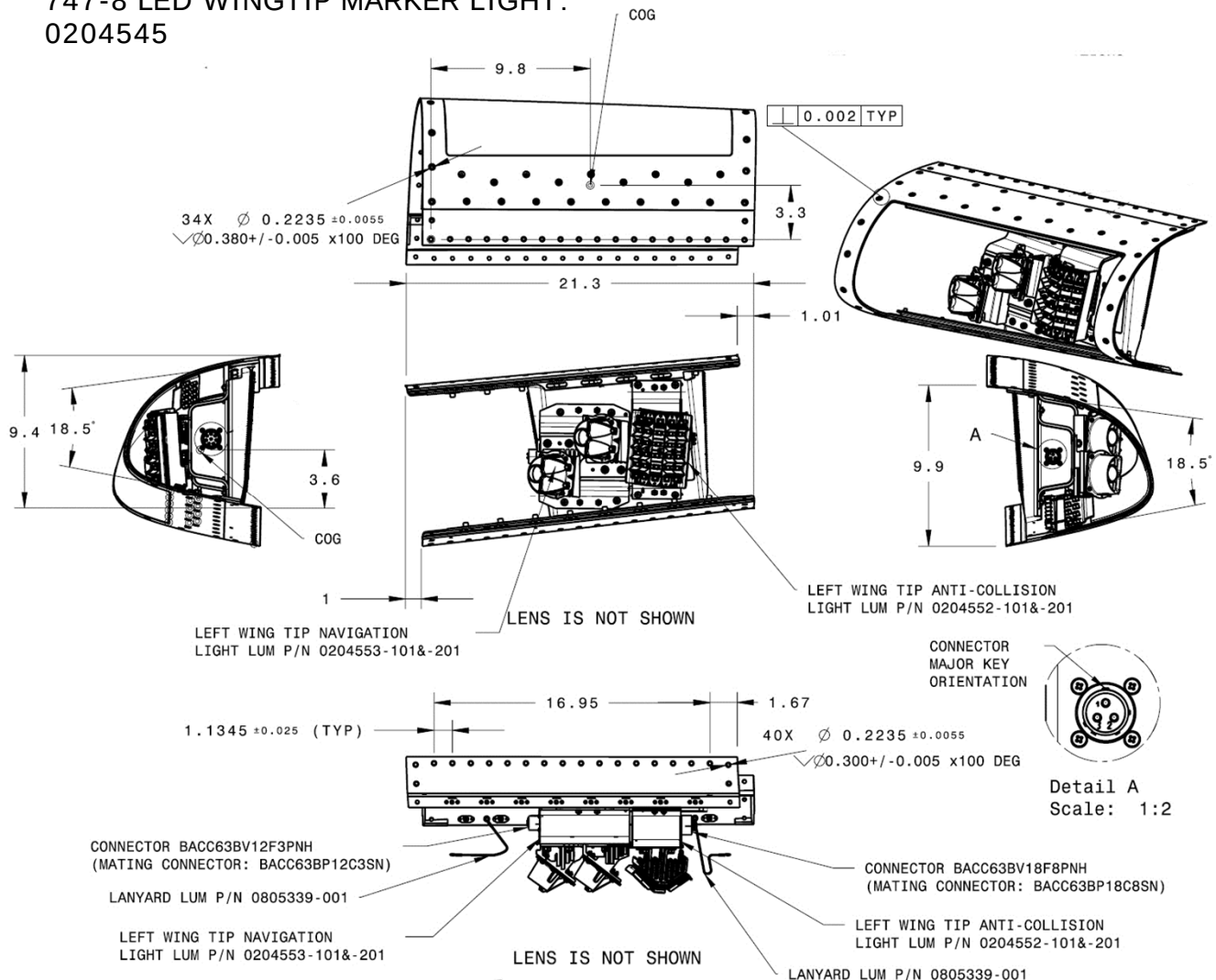
747-8 LED IWLA: 0204544

747-8 LED WINGTIP MARKER LIGHT:
0204545

**COMBINES OUR LED ANTI-COLLISION
LIGHT (ACL) AND LED NAVIGATION
LIGHT (NAV)**

**THE ACL PROVIDES THE FORWARD
WHITE WINGTIP FLASH PORTION OF
THE ACL SYSTEM AS DEFINED IN FAR
25.14.01**

**THE NAVIGATION LIGHT MODULES
PROVIDE THE FORWARD WINGTIP
PORTION OF THE NAVIGATION LIGHT
SYSTEM AS DEFINED IN FAR 25.1385
THROUGH 25.1397**



AEROSPATIAL

AMÉLIORER LA SÉCURITÉ



Luminator Aerospace brand products have been relied upon for lighting, safety and passenger comfort systems to the commercial, general and military aircraft markets since the introduction of the McDonnell Douglas DC-4 in 1942. Luminator Aerospace products include both interior and exterior lighting developed for major operators, OEMs and tier I and tier II customers. American Airlines, United Airlines and Singapore Airlines; Boeing, Airbus, and EADS Eurocopter; and Driessen, C&D Zodiac, BE Aerospace and Jamco are to name a few.



Searchlights



Interior Lighting



Exterior Lighting



Seat Products

Customers First

Each Luminator Aerospace brand product has been assessed and designed to exceed customer requirements. They have been developed closely with customer input and approval. All products are supported by world class engineering, manufacturing and customer service. Customer satisfaction is our highest priority

Built In Quality

Luminator Aerospace products comply with all FAA airworthiness requirements and are developed, certified and maintained through an accredited quality management system in accordance with requirements of the AS9100C, ISO 9001-2008, ASO100A and FAA Title 14 CFR §21.303.

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