



LUMINAIRE TYPE A1 - 2' x 4' RECESSED DIRECT INDIRECT

LUMINAIRE REQUIREMENTS:

- HOUSING - HEAVY GAUGE COLD ROLLED STEEL OR DIE CAST ALUMINUM. SIZE SHOWN AS INDICATED IN LUMINAIRE SCHEDULE.
- OPTICS - CURVED SMOOTH PROTECTED ACRYLIC OR POLYCARBONATE CENTER LENS WITH WHITE DIE FORMED GOLD ROLLED SHEET STEEL REFLECTOR.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT UNO, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 126 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM.
- CERTIFICATION - UL LISTED FOR DRY OR DAMP LOCATION, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS.
- MOUNTING - RECESSED.
- OPTIONS - EMERGENCY BATTERY BACKUP WHERE INDICATED ON PLANS. DAYLIGHT SENSOR WHERE INDICATED ON PLANS INCLUDED.



LUMINAIRE TYPE C1 - 1' RECESSED DOWNLIGHT

LUMINAIRE REQUIREMENTS:

- HOUSING - HEAVY GAUGE COLD ROLLED STEEL OR DIE CAST ALUMINUM. WHITE TRIM COLOR.
- OPTICS - DIFFUSED OPTICAL LENS WITH A SPECULAR REFLECTOR.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT UNO, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 85 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM.
- CERTIFICATION - UL LISTED FOR DRY OR DAMP LOCATION, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS.
- MOUNTING - RECESSED.
- OPTIONS - EMERGENCY BATTERY BACKUP WHERE INDICATED ON PLANS. DAYLIGHT SENSOR WHERE INDICATED ON PLANS INCLUDED.



LUMINAIRE TYPE F - 4' LEO LINEAR LUMINAIRE

LUMINAIRE REQUIREMENTS:

- HOUSING - ONE PIECE MOLDED DIE CAST ALUMINUM, FULLY GRIMED WITH DUST AND MOISTURE PROTECTION WITH EXTERNAL SOUND AND CORROSION RESISTANT WHITE PAINT.
- OPTICS - HIGH-IMPACT CLEAR ACRYLIC DIFFUSER LENS.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT MIN, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 114 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM. BUILT IN INTERNAL OCCUPANCY AND DAYLIGHT SENSOR.
- CERTIFICATION - UL LISTED, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS.
- MOUNTING - SUSPENDED CEILING MOUNTED BY APPLING.
- OPTIONS - EMERGENCY BATTERY BACKUP WHERE INDICATED ON PLANS.



LUMINAIRE TYPE K - 24" CONTEMPORARY ABOVE MIRROR VANITY

LUMINAIRE REQUIREMENTS:

- HOUSING - HEAVY GAUGE COLD ROLLED STEEL OR DIE CAST ALUMINUM, CHROME FINISH.
- OPTICS - RECTANGULAR ACRYLIC OR POLYCARBONATE LENS.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT MAX, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 85 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM.
- CERTIFICATION - UL LISTED FOR DRY OR DAMP LOCATION, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS.
- MOUNTING - SURFACE OR WALL MOUNTED, MINIMUM 1" ABOVE MIRROR.

H1 LUMINAIRE TYPE A



LUMINAIRE TYPE H - FLOODLIGHT

LUMINAIRE REQUIREMENTS:

- HOUSING - DIE CAST ALUMINUM HOUSING WITH DARK BRONZE POWDER COAT FINISH.
- OPTICS - INJECTION MOLDED, MINIMUM 80 RATING REQUIREMENTS, UPLIGHT RATING OF 100, BRIGHTNESS RATING OF 80, SLANT RATING OF 35, TYPE II DISTRIBUTION WITH SKILL CONTROL.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT UNO, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 102 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
- CERTIFICATION - UL LISTED FOR WET LOCATION, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS. DARK SKY APPROVED.
- MOUNTING - WALL MOUNTED, DARK BRONZE ROUND TAPERED POLE.
- OTHER FEATURES - INTEGRATED MOTION SENSOR WITH DIMMING CAPABILITIES AND BUILT IN PHOTOCELL.

B1 LUMINAIRE TYPE M



LUMINAIRE TYPE N - AREA/SLIDE

LUMINAIRE REQUIREMENTS:

- HOUSING - DIE CAST ALUMINUM HOUSING WITH DARK BRONZE POWDER COAT FINISH.
- OPTICS - INJECTION MOLDED, MINIMUM 80 RATING REQUIREMENTS, UPLIGHT RATING OF 100, BRIGHTNESS RATING OF 80, SLANT RATING OF 35, TYPE II DISTRIBUTION WITH SKILL CONTROL.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT UNO, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 102 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
- CERTIFICATION - UL LISTED FOR WET LOCATION, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS. DARK SKY APPROVED.
- MOUNTING - POLE MOUNTED, 30" AFF TO BOTTOM OF LUMINAIRE, DARK BRONZE ROUND TAPERED POLE.
- OTHER FEATURES - INTEGRATED MOTION SENSOR WITH DIMMING CAPABILITIES AND BUILT IN PHOTOCELL.

B6 LUMINAIRE TYPE N



LUMINAIRE TYPE P1 - AREA/SLIDE

LUMINAIRE REQUIREMENTS:

- HOUSING - DIE CAST ALUMINUM HOUSING WITH DARK BRONZE POWDER COAT FINISH.
- OPTICS - INJECTION MOLDED, MINIMUM 80 RATING REQUIREMENTS, UPLIGHT RATING OF 100, BRIGHTNESS RATING OF 80, SLANT RATING OF 35, TYPE IV DISTRIBUTION WITH SKILL CONTROL.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT UNO, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 111 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
- CERTIFICATION - UL LISTED FOR WET LOCATION, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS. DARK SKY APPROVED.
- MOUNTING - POLE MOUNTED, 30" AFF TO BOTTOM OF LUMINAIRE, DARK BRONZE ROUND TAPERED POLE.
- OTHER FEATURES - INTEGRATED MOTION SENSOR WITH DIMMING CAPABILITIES AND BUILT IN PHOTOCELL.

B11 LUMINAIRE TYPE P1



LUMINAIRE TYPE P2 - AREA/SLIDE

LUMINAIRE REQUIREMENTS:

- HOUSING - DIE CAST ALUMINUM HOUSING WITH DARK BRONZE POWDER COAT FINISH.
- OPTICS - INJECTION MOLDED, MINIMUM 80 RATING REQUIREMENTS, UPLIGHT RATING OF 100, BRIGHTNESS RATING OF 80, SLANT RATING OF 35, TYPE IV DISTRIBUTION WITH SKILL CONTROL.
- LIGHT SOURCE - SOLID STATE LEDS, 3500K CCT UNO, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 102 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
- DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 85 PF, OPERATING VOLTAGE OF 100-277V, THERMAL MANAGEMENT, AND +20% THD, ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
- CERTIFICATION - UL LISTED FOR WET LOCATION, RHOIS COMPLIANT, DUL LISTED, COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS. DARK SKY APPROVED.
- MOUNTING - POLE MOUNTED, 30" AFF TO BOTTOM OF LUMINAIRE, DARK BRONZE ROUND TAPERED POLE.
- OTHER FEATURES - INTEGRATED MOTION SENSOR WITH DIMMING CAPABILITIES AND BUILT IN PHOTOCELL.

B16 LUMINAIRE TYPE P2

SKETCHES ARE NON-PROPRIETARY GRAPHICAL REPRESENTATIONS OF LUMINAIRES THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.



US Army Corps of Engineers

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