

NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – HEAVY GAUGE COLD ROLLED STEEL OR DIE CAST ALUMINUM. SIZE SHOWN AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – FROSTED ACRYLIC OR POLYCARBONATE LENS WITH DIE FORMED COLD ROLLED SHEET STEEL REFLECTORS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 100 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – RECESSED IN HARD OR ACOUSTICAL TILE CEILING.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, INTEGRAL OCCUPANCY/VACANCY SENSOR, VARIOUS SIZE AND OUTPUT OPTIONS, SURFACE-MOUNTING KIT.

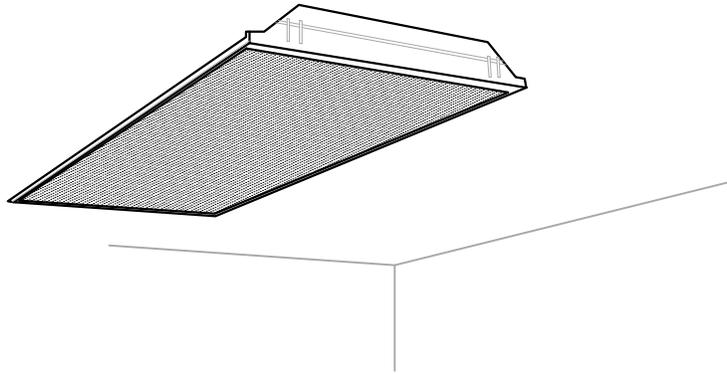
DIRECT/INDIRECT LED LUMINAIRE

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-1



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LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-FORMED, COLD ROLLED STEEL. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – ACRYLIC OR POLYCARBONATE LENS AS INDICATED IN LUMINAIRE SCHEDULE.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 100 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT, DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – RECESSED IN HARD OR ACOUSTICAL TILE CEILING.
7. OPTIONS – EDGE-LIT LENS, PRISMATIC LENS. EMERGENCY BATTERY BACK-UP, INTEGRAL OCCUPANCY/VACANCY SENSOR, VARIOUS SIZE AND OUTPUT OPTIONS, SURFACE-MOUNTING KIT.

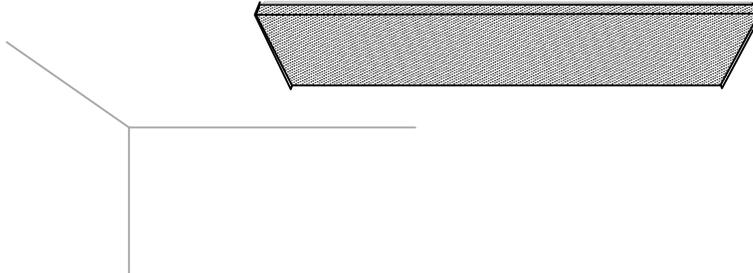
FLAT LENS LED LUMINAIRE

REVISED:

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LIGHTING PLATE:

NL-2



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LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-FORMED, COLD ROLLED STEEL, WITH REINFORCEMENT RIBS FOR RIGIDITY; ENDCAPS SAME MATERIAL AS HOUSING, SECURED TABS, SCREWS, OR RIVETS. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – ACRYLIC OR POLYCARBONATE LENS AS INDICATED IN LUMINAIRE SCHEDULE.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 110 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT, DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – SURFACE MOUNTED.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, INTEGRAL OCCUPANCY/VACANCY SENSOR, VARIOUS SIZE AND OUTPUT OPTIONS.

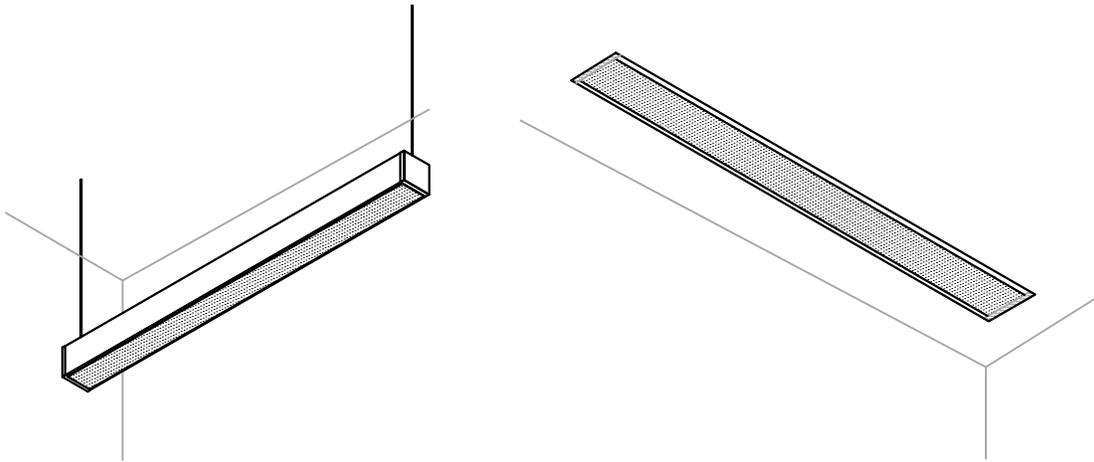
SURFACE LED WRAPAROUND

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LIGHTING PLATE:

NL-3



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LUMINAIRE REQUIREMENTS:

1. HOUSING – HEAVY GAUGE COLD ROLLED STEEL, EXTRUDED ALUMINUM, OR DIE CAST ALUMINUM BODY. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – FROSTED ACRYLIC OR POLYCARBONATE LENS. LAMBERTIAN, NARROW, WIDE, OR ASYMMETRIC LIGHT DISTRIBUTION AS INDICATED IN LUMINAIRE SCHEDULE.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT, DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – PENDANT, STEM, OR SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE, OR RECESSED IN HARD OR ACOUSTICAL TILE CEILING.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, INTEGRAL OCCUPANCY/VACANCY SENSOR, VARIOUS PROFILE DIMENSIONS AND RUN LENGTHS, AND VARIOUS CLEAR OR FROSTED POLYCARBONATE LENSES, BAFFLES, OR LOUVERS.

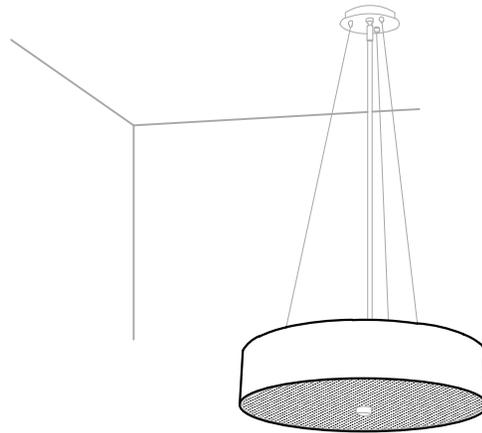
LINEAR LED SLOT

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LIGHTING PLATE:

NL-4



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LUMINAIRE REQUIREMENTS:

1. HOUSING – COLD ROLLED OR SPUN STEEL, DIE CAST ALUMINUM, OR BRASS BODY. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – FROSTED ACRYLIC OR POLYCARBONATE LENS AS INDICATED IN LUMINAIRE SCHEDULE.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 70 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – PENDANT, STEM, OR SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE, OR RECESSED IN HARD OR ACOUSTICAL TILE CEILING.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, VARIOUS DIMENSIONS, VARIOUS MOUNTING OPTIONS, AND VARIOUS CLEAR OR FROSTED LENSES. ALSO AVAILABLE WITH INDIRECT LIGHTING ELEMENT WHEN SUSPENDED.

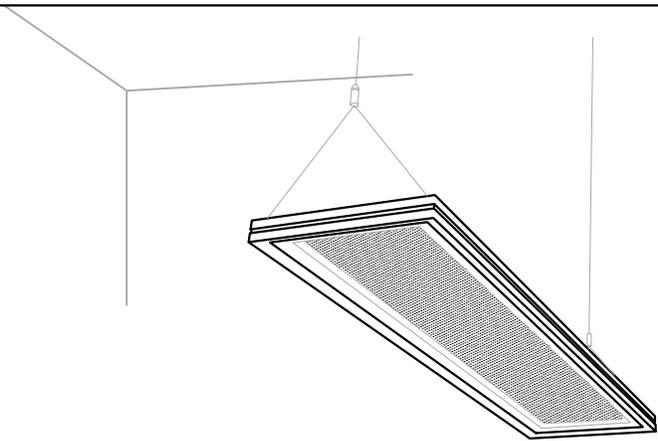
ROUND LED LUMINAIRE

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LIGHTING PLATE:

NL-5



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LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE CAST ALUMINUM FRAME AND HEAT SINK WITH ENAMELED FINISH. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – ACRYLIC OR POLYCARBONATE REFRACTIVE LENS. EDGE-LIT, LAMBERTIAN, NARROW, WIDE, OR ASYMMETRIC LIGHT DISTRIBUTION AS INDICATED IN LUMINAIRE SCHEDULE.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 75 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE. INTEGRAL TO LUMINAIRE OR REMOTE-LOCATED IN ACCESSIBLE LOCATION.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT, DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – PENDANT OR STEM MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, VARIOUS PROFILE DIMENSIONS AND RUN LENGTHS, AND VARIOUS CLEAR OR FROSTED POLYCARBONATE LENSES, BAFFLES, OR LOUVERS.

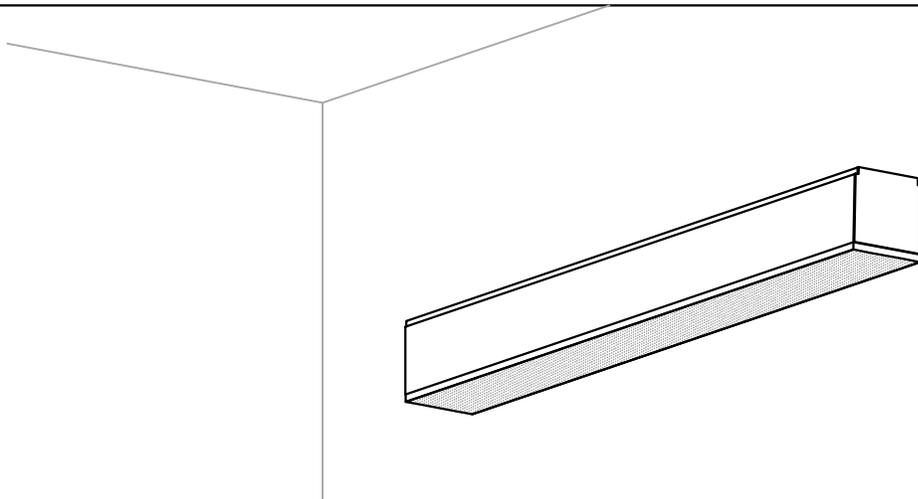
DIRECT/INDIRECT LED PENDANT

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LIGHTING PLATE:

NL-6



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LUMINAIRE REQUIREMENTS:

1. HOUSING – COLD ROLLED STEEL, EXTRUDED ALUMINUM, OR DIE CAST ALUMINUM BODY WITH DIE CAST END CAPS AND STAINLESS STEEL HARDWARE. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – REFRACTIVE LENS OPTIMIZED FOR ASYMMETRIC DISTRIBUTION.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 85 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – WALL SURFACE MOUNTED
7. OPTIONS – EMERGENCY BATTERY BACK-UP, AND VARIOUS PROFILE DIMENSIONS AND RUN LENGTHS. ALSO AVAILABLE WITH INDIRECT LIGHTING ELEMENT.

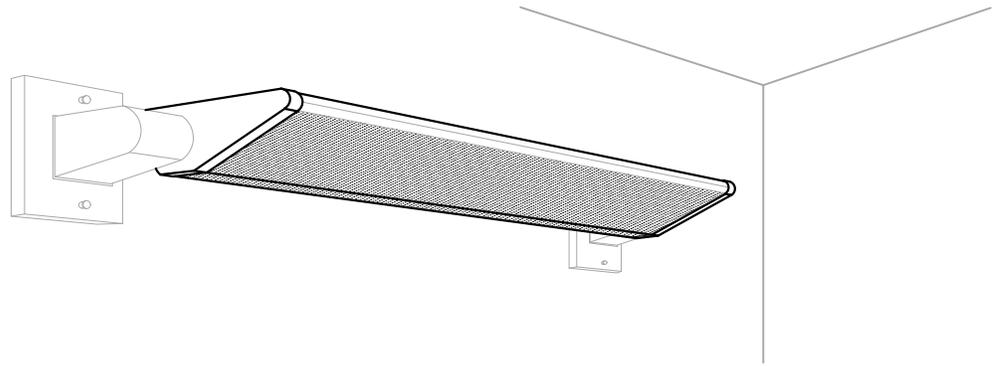
DIRECT WALL-MOUNTED LINEAR

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LIGHTING PLATE:

NL-7



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LUMINAIRE REQUIREMENTS:

1. HOUSING – COLD ROLLED STEEL, EXTRUDED ALUMINUM, OR DIE CAST ALUMINUM BODY WITH STAINLESS STEEL HARDWARE. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – REFRACTIVE LENS OPTIMIZED FOR ASYMMETRIC DISTRIBUTION.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – WALL SURFACE MOUNTED.
7. OPTIONS – VARIOUS PROFILE DIMENSIONS AND RUN LENGTHS, AND OPTIONAL CLEAR ACYLIC OR POLYCARBONATE LENS.

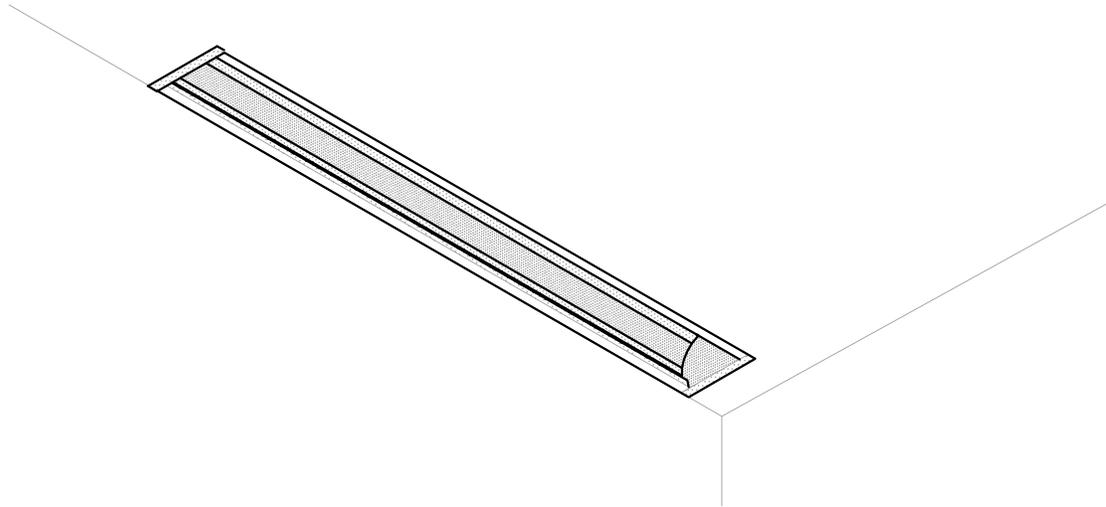
INDIRECT WALL MOUNT

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LIGHTING PLATE:

NL-8



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LUMINAIRE REQUIREMENTS:

1. HOUSING – COLD ROLLED STEEL OR EXTRUDED ALUMINUM BODY WITH STAINLESS STEEL HARDWARE. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – REFRACTIVE LENS OPTIMIZED FOR ASYMMETRIC DISTRIBUTION.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 70 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – RECESSED IN HARD OR ACOUSTICAL TILE CEILING.
7. OPTIONS – VARIOUS PROFILE DIMENSIONS AND RUN LENGTHS.

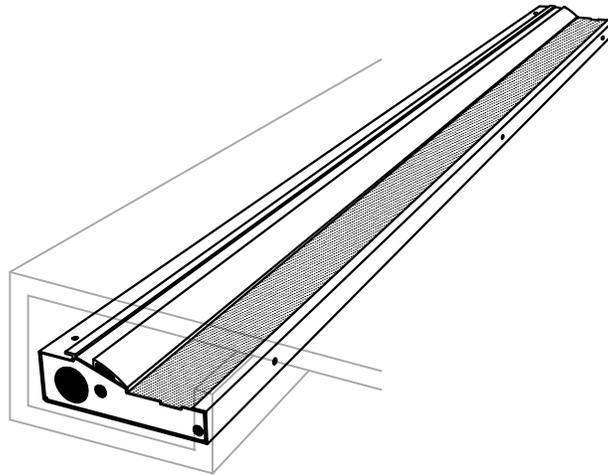
RECESSED LINEAR WALL WASH

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LIGHTING PLATE:

NL-9



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LUMINAIRE REQUIREMENTS:

1. HOUSING – FABRICATED METAL HOUSING WITH POWDER COAT FINISH. LENGTH AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – CLEAR OR FROSTED ACRYLIC LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – END-TO-END CONNECTIONS, SUITABLE FOR SURFACE MOUNT.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, VARIOUS PROFILE DIMENSIONS AND RUN LENGTHS, VARIOUS CLEAR OR FROSTED POLYCARBONATE LENSES, AND OPTIONAL SPECULAR REFLECTOR WITH 60-DEGREE to 120-DEGREE BEAM ANGLE. OPTIONAL FIELD-ADJUSTABLE AIMING.

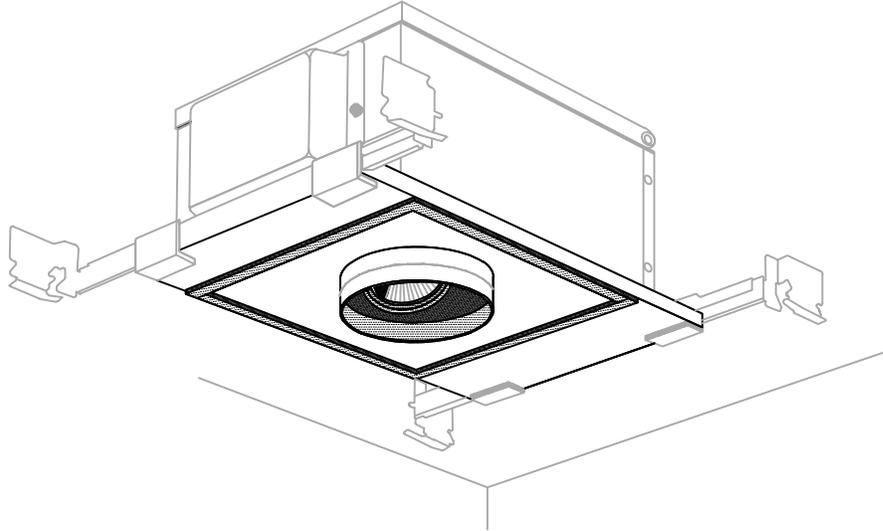
INDIRECT COVE LIGHT

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LIGHTING PLATE:

NL-10



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LUMINAIRE REQUIREMENTS:

1. HOUSING – COLD-ROLLED STEEL OR DIE CAST ALUMINUM, WITH HEAT SINK AND FIELD AIMING CAPABILITY. APERTURE SIZE AND SHAPE AS INDICATED IN LUMINAIRE SCHEDULE.
2. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 70 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
3. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
4. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
5. MOUNTING – RECESSED IN HARD OR ACOUSTICAL TILE CEILING. PROVIDE T-BAR HANGERS FOR INSTALLATION IN ACOUSTICAL TILE CEILINGS OR TABS WHEN MOUNTING IN HARD CEILINGS.
6. OPTIONS – EMERGENCY BATTERY BACK-UP, VARIOUS ACRYLIC OR POLYCARBONATE LENSES, REFLECTORS, LOUVERS, AND TRIMS. VARIOUS BEAM ANGLES. IC-RATED HOUSING.

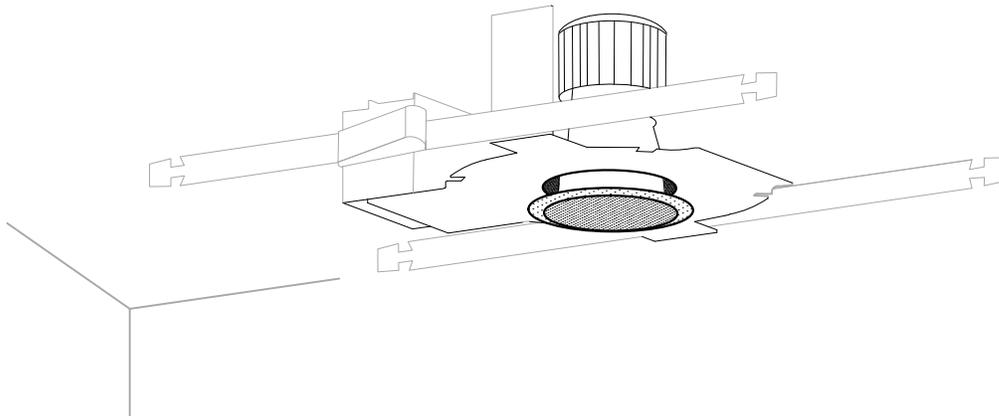
ADJUSTABLE RECESSED DOWNLIGHT

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NOVEMBER 2020

LIGHTING PLATE:

NL-11



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LUMINAIRE REQUIREMENTS:

1. HOUSING – COLD-ROLLED STEEL OR DIE CAST ALUMINUM, WITH HEAT SINK. APERTURE SIZE AND SHAPE AS INDICATED IN LUMINAIRE SCHEDULE.
2. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 70 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
3. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
4. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
5. MOUNTING – RECESSED IN HARD OR ACOUSTICAL TILE CEILING. PROVIDE T-BAR HANGERS FOR INSTALLATION IN ACOUSTICAL TILE CEILINGS OR TABS WHEN MOUNTING IN HARD CEILINGS.
6. OPTIONS – EMERGENCY BATTERY BACK-UP, VARIOUS ACRYLIC OR POLYCARBONATE LENSES, REFLECTORS, LOUVERS AND TRIMS. VARIOUS BEAM ANGLES. IC RATED HOUSING.

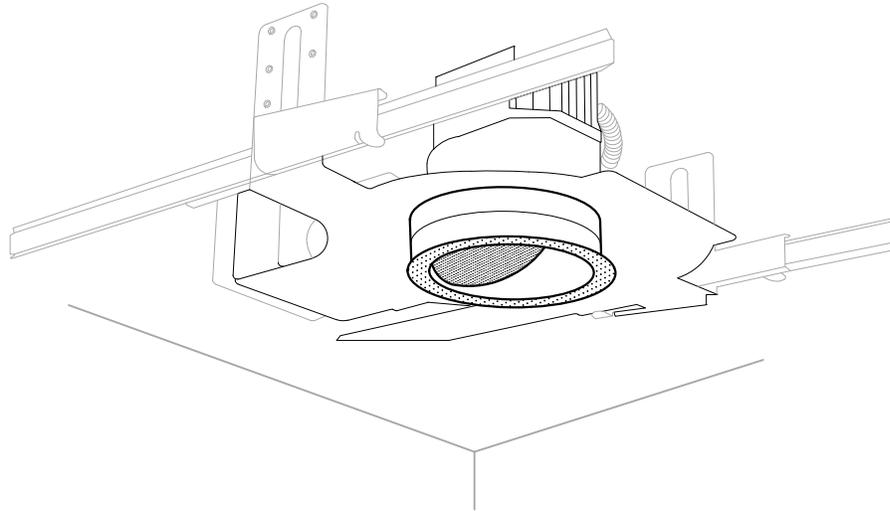
FIXED RECESSED DOWNLIGHT

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NOVEMBER 2020

LIGHTING PLATE:

NL-12



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LUMINAIRE REQUIREMENTS:

1. HOUSING – COLD-ROLLED STEEL OR DIE CAST ALUMINUM, WITH HEAT SINK. APERTURE SIZE AND SHAPE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – WALL WASH REFLECTOR OR LENS OPTIMIZED FOR WALL WASH APPLICATION.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 60 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – RECESSED IN HARD OR ACOUSTICAL TILE CEILING. PROVIDE T-BAR HANGERS FOR INSTALLATION IN ACOUSTICAL TILE CEILINGS OR TABS WHEN MOUNTING IN HARD CEILINGS.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, VARIOUS ACRYLIC OR POLYCARBONATE LENSES, REFLECTORS, LOUVERS AND TRIMS. IC RATED HOUSING.

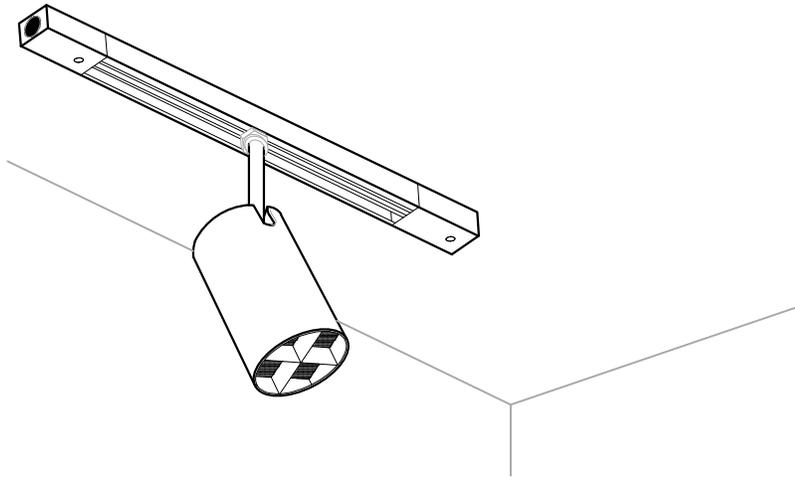
WALLWASH RECESSED DOWNLIGHT

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LIGHTING PLATE:

NL-13



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LUMINAIRE REQUIREMENTS:

1. HOUSING – EXTRUDED ALUMINUM HOUSING SUITABLE FOR CEILING-MOUNTED TRACK SYSTEMS. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – GLASS LENS OR FILTER, ACRYLIC OR CAST ALUMINUM REFLECTOR.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 90 CRI UON, AND MINIMUM EFFICACY OF 50 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE..
5. CERTIFICATION – UL LISTED FOR DRY LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – TRACK SYSTEM SUITABLE FOR MOUNTING TO CEILINGS AND/OR WALLS.
7. OPTIONS – BAFFLE, HONEYCOMB LOUVER, VARIOUS ACRYLIC OR POLYCARBONATE LENSES.

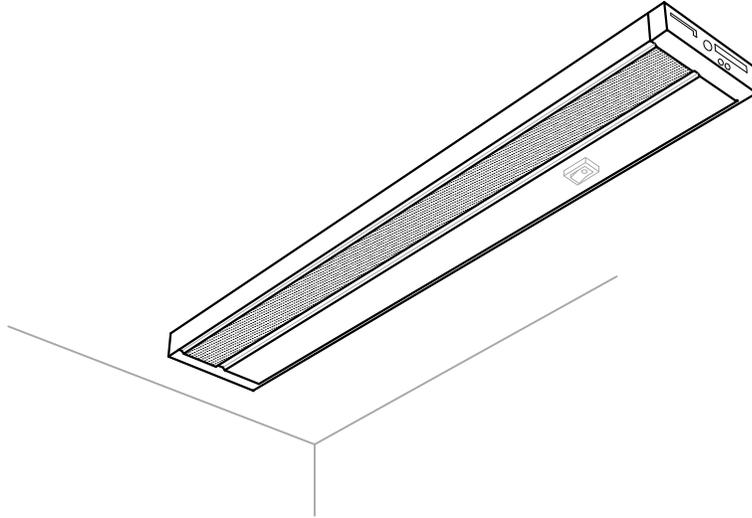
LED TRACK LIGHTING

REVISED:

NOVEMBER 2020

LUMINAIRE PLATE:

NL-14



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – EXTRUDED ALUMINUM OR WELDED STEEL HOUSING. LENGTH AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – DIFFUSE ACRYLIC OR POLYCARBONATE LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 60 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – OCCUPANCY SENSOR, PROFILE DIMENSIONS AND RUN LENGTHS, INTEGRAL ROCKER SWITCH, END-TO-END CONNECTIONS, AND CLEAR OR FROSTED POLYCARBONATE LENSES.

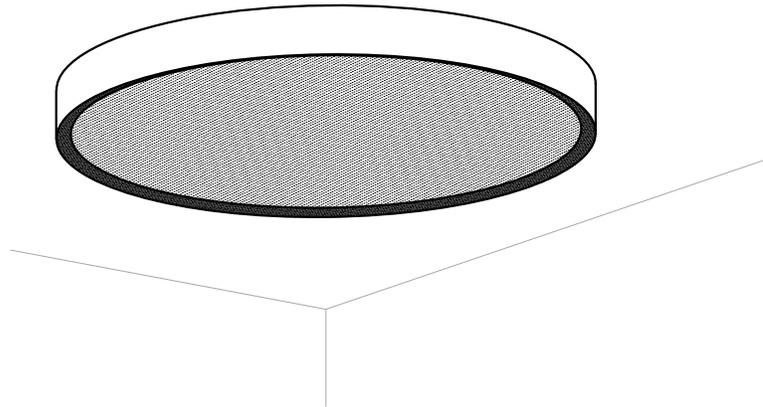
LED UNDERCABINET LIGHT

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-15



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – ALUMINUM OR STAINLESS STEEL HOUSING. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – MATTE ACRYLIC OR POLYCARBONATE DIFFUSER.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 55 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – SIZE, SHAPE, AND LUMEN OUTPUT.

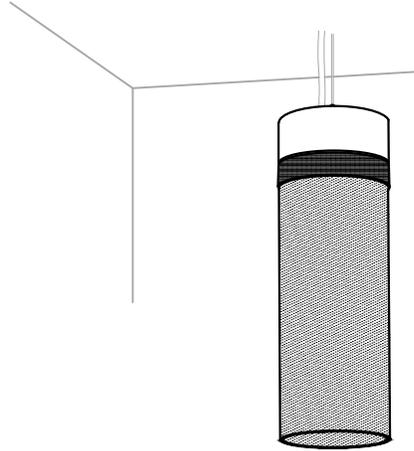
LED ROUND CEILING SURFACE MOUNT

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-16



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – ALUMINUM STAINLESS STEEL HOUSING.
2. OPTICS – GLASS OR ACRYLIC SHADE.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 40 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – AIRCRAFT CABLE OR STEM WITH CANOPY.
7. OPTIONS – SHAPE AND STYLE, LENSES, AND FIELD-ADJUSTABLE CABLE.

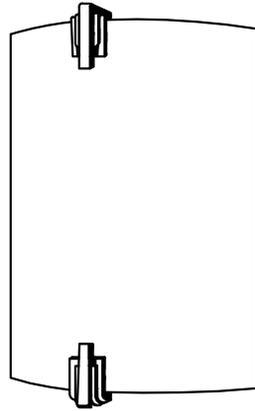
LED DECORATIVE ACCENT PENDANT

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-17



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – FABRIC, GLASS, OR OTHER SHADE WITH STAINLESS STEEL HOUSING.
2. OPTICS – DIFFUSE LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 50 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY LOCATION, ROHS COMPLIANT, COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – VARIOUS PROFILES, SHAPES, AND SHADES.

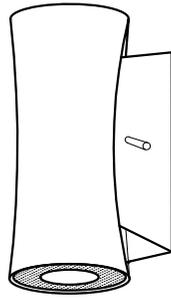
LED DECORATIVE WALL SCONCE

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-18



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – ALUMINUM OR STAINLESS STEEL HOUSING.
2. OPTICS – DIFFUSE ACRYLIC LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 90 CRI UON, AND MINIMUM EFFICACY OF 80 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DRY OR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – VARIOUS PROFILES AND SHAPES.

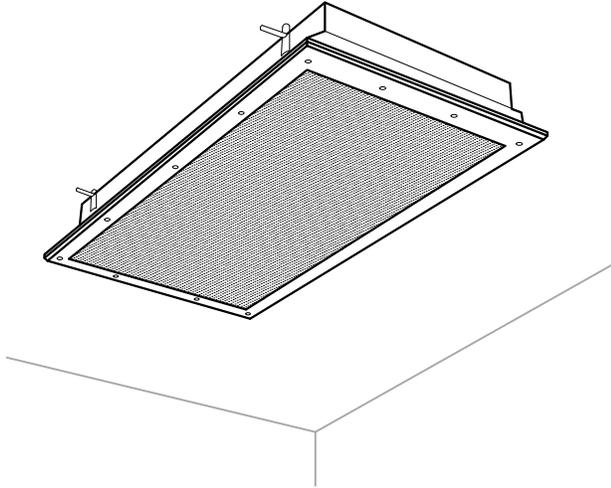
LED UP/DOWN WALL SCONCE

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-19



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – HEAVY GAUGE COLD ROLLED STEEL OR DIE CAST ALUMINUM. STAINLESS STEEL FASTENERS. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – POLYCARBONATE OR GLASS LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT, DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS. NSF CERTIFIED.
6. MOUNTING – RECESSED IN HARD CEILING OR SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – EMERGENCY BATTERY BACK-UP, INTEGRAL OCCUPANCY/VACANCY SENSOR, VARIOUS SIZE AND OUTPUT OPTIONS.

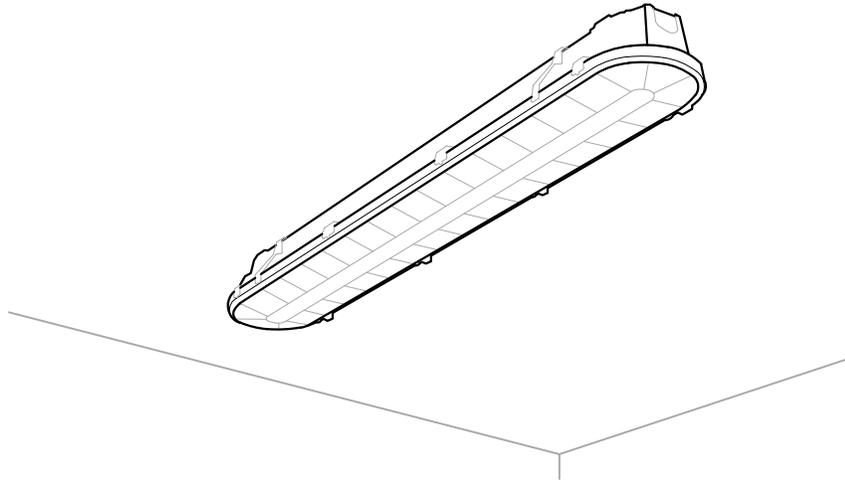
LED FOOD SERVICE LIGHT

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-20



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – HIGH-IMPACT RESISTANT, FULLY GASKETED HOUSING CONSTRUCTED OF STAINLESS STEEL, HEAVY-DUTY DIE CAST ALUMINUM, OR POLYCARBONATE. TAMPER-RESISTANT FASTENERS. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – UV-STABILIZED, IMPACT-RESISTANT, FROSTED POLYCARBONATE LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 100 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – CEILING OR WALL SURFACE-MOUNTED.
7. OPTIONS – INTEGRAL OCCUPANCY SENSOR, EMERGENCY BATTERY BACK-UP.

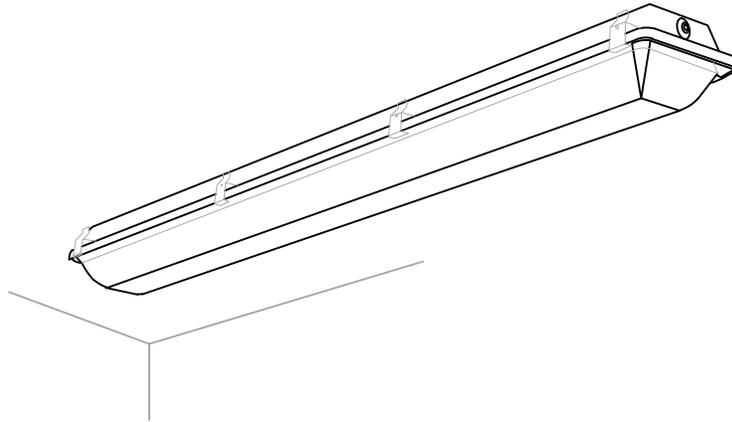
LED HIGH ABUSE LIGHT

REVISED:

NOVEMBER 2020

LUMINAIRE PLATE:

NL-21



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – HIGH-IMPACT RESISTANT, FULLY GASKETED HOUSING CONSTRUCTED OF STAINLESS STEEL OR HEAVY-DUTY DIE CAST ALUMINUM. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – UV-STABILIZED, HIGH-IMPACT, FROSTED POLYCARBONATE OR GLASS LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 4000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS. MEETS UL844 REQUIREMENTS FOR CLASS 1 DIVISION 2 HAZARDOUS LOCATIONS.
6. MOUNTING – CEILING OR WALL SURFACE-MOUNTED.
7. OPTIONS – INTEGRAL OCCUPANCY SENSOR, EMERGENCY BATTERY BACK-UP.

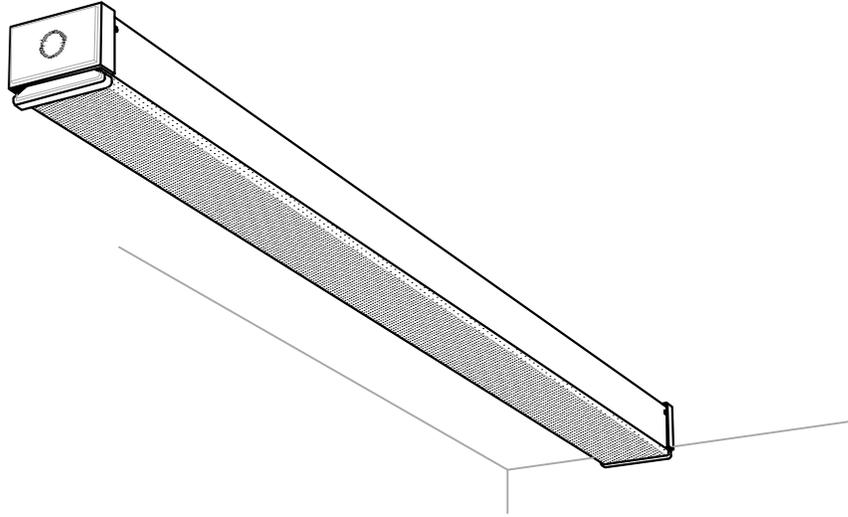
LED HAZARDOUS LOCATION LIGHT

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-22



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – EXTRUDED ALUMINUM OR WELDED STEEL HOUSING WITH SNAP-ON END CAPS. SIZE AS INDICATED IN LUMINAIRE SCHEDULE.
2. OPTICS – DIFFUSE ACRYLIC LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DAMP OR WET LOCATION, ROHS COMPLIANT. DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – PENDANT, STEM, OR SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – INTEGRAL OCCUPANCY SENSOR, EMERGENCY BATTERY BACK-UP, VARIOUS PROFILE DIMENSIONS AND RUN LENGTHS, AND VARIOUS CLEAR OR FROSTED POLYCARBONATE LENSES.

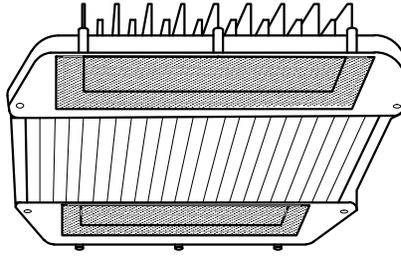
LED INDUSTRIAL LIGHT

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-23



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – HEAVY GAUGE COLD ROLLED STEEL OR CAST ALUMINUM HOUSING.
2. OPTICS – POLYCARBONATE DIFFUSE LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 140 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DAMP OR WET LOCATION, ROHS COMPLIANT, DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – PENDANT, STEM, OR SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – INTEGRAL OCCUPANCY SENSOR, EMERGENCY BATTERY BACK-UP, VARIOUS OPTICAL DISTRIBUTIONS.

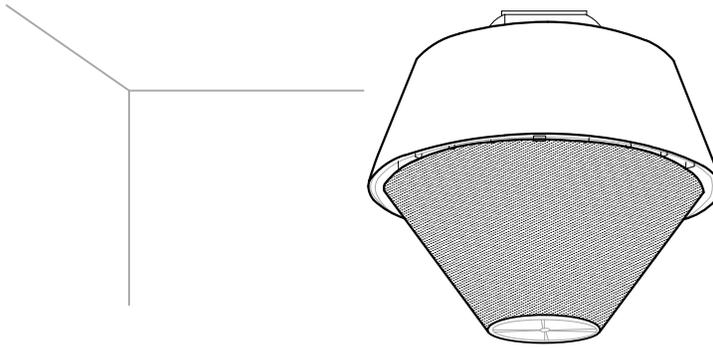
LED INDUSTRIAL HIGH-BAY

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-24



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – HEAVY GAUGE COLD ROLLED STEEL OR CAST ALUMINUM HOUSING.
2. OPTICS – UV-STABILIZED ACRYLIC OR POLYCARBONATE DIFFUSE LENS AND SPUN ALUMINUM REFLECTOR.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 100 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION – UL LISTED FOR DAMP OR WET LOCATION, ROHS COMPLIANT. DLC QUALIFIED. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – PENDANT, STEM, OR SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.
7. OPTIONS – INTEGRAL OCCUPANCY SENSOR, EMERGENCY BATTERY BACK-UP, VARIOUS OPTICAL DISTRIBUTIONS.

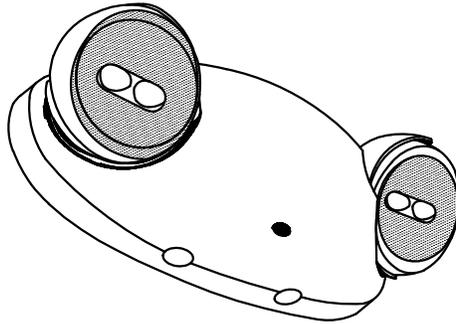
LED INDUSTRIAL LOW-BAY

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-25



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – HIGH-IMPACT, UV-STABILIZED, INJECTION-MOLDED THERMOPLASTIC HOUSING.
2. LIGHT SOURCE – SOLID STATE LEDS.
3. DRIVER – INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND BATTERY BACKUP INTEGRAL TO UNIT.
4. CERTIFICATION – NFPA 101. UL LISTED FOR DAMP OR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
5. MOUNTING – WALL SURFACE MOUNTED.
6. OPTIONS – WHITE OR BLACK FINISH.

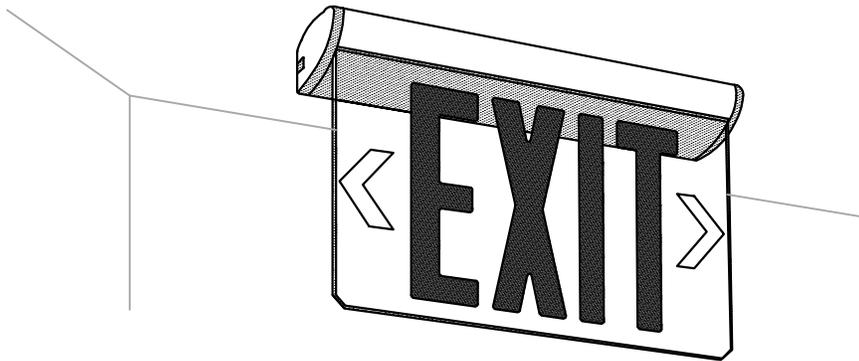
LED EMERGENCY LIGHTING UNIT (ELU)

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-26



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – EXTRUDED ALUMINUM WITH CLEAR ACRYLIC EDGE-LIT PANEL.
2. LIGHT SOURCE – SOLID STATE LEDS.
3. DRIVER – INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD.
4. CERTIFICATION – NFPA 101, UL LISTED FOR DAMP OR WET LOCATION, AND ROHS COMPLIANT.
5. MOUNTING – SURFACE MOUNTED ON CEILING AND/OR WALL.
6. OPTIONS – RED OR GREEN LETTERING, ONE- OR TWO-SIDED. BATTERY BACKUP.

EDGE-LIT EXIT SIGN

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-27



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST ALUMINUM OR HIGH-IMPACT, UV-STABILIZED, INJECTION-MOLDED THERMOPLASTIC.
2. LIGHT SOURCE – SOLID STATE LEDS.
3. DRIVER – INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120/277V, THERMAL MANAGEMENT, AND < 20% THD.
4. CERTIFICATION – NFPA 101, UL LISTED FOR DAMP OR WET LOCATION, AND ROHS COMPLIANT.
5. MOUNTING – SURFACE MOUNTED ON CEILING AND/OR WALL.
6. OPTIONS – RED OR GREEN LETTERING, ONE- OR TWO-SIDED. ELU REMOTE HEAD CAPABILITIES. BATTERY BACKUP.

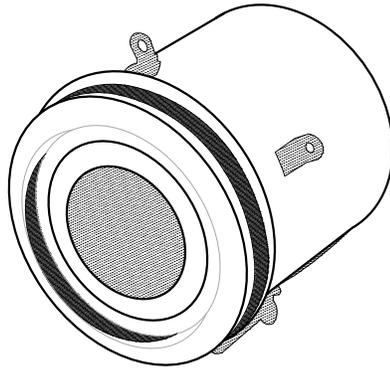
EXIT SIGN

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-28



NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – STAINLESS STEEL MARINE GRADE CONSTRUCTION WITH CLEAR TEMPERED GLASS.
2. OPTICS – TEMPERED GLASS OR BOROSILICATE LENS.
3. LIGHT SOURCE – SOLID STATE LEDS, 3500K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 25 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER – REPLACEABLE, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120V OR 277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE. INTEGRAL TO LUMINAIRE OR REMOTE-LOCATED IN ACCESSIBLE LOCATION.
5. CERTIFICATION – UL LISTED FOR SUBMERSIBLE LOCATION. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.
6. MOUNTING – ABS INSTALLATION HOUSING.
7. OPTIONS – SHAPE AND SIZE.

LED NICHE POOL LUMINAIRE

REVISED:

NOVEMBER 2020

LIGHTING PLATE:

NL-29