

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot
 one sixteenth inch = one foot



TYPE "A1"

SURFACE MOUNT LED PARKING GARAGE LUMINAIRE.

HOUSING: ONE PIECE INJECTION MOLDED UV STABILIZED LEXAN 0.125" THICK OPTICAL LENS WITH CLEAR UPLIGHT WINDOW, AND 70 DEGREE FLOOD OPTICS

MOUNTING: CEILING SURFACE WITH ZINC PLATED STEEL MOUNTING PLATE.

OPTICS: IES TYPE 5 DISTRIBUTION

BALLAST: DRIVER, THERMAL CONTROL DEVICE AND SURGEPROTECTOR.

LAMPS: 60 LIGHT EMITTING DIODES WITH 4000K COLOR TEMPERATURE. 75 WATTS

BASIS OF DESIGN: KIM PGL7 LED - PROVIDE SPECIFIED FIXTURE OR CUSTOM FIXTURE WITH APPEARANCE AND PERFORMANCE AS INDICATED. REFER TO CALCULATED LIGHTING ILLUMINANCE PLANS FOR MINIMUM PERFORMANCE REQUIREMENTS.



TYPE "B1", "B1A", "B2" & "B3"

POLE MOUNTED LED AREA LUMINAIRE.

HOUSING: 20" WIDE, CURVED FRONT DIE-CAST ALUMINUM HOUSING WITH EXTRUDED ALUMINUM DOOR FRAME, AND VULCANIZED SILICONE GASKET SEALS. IP66 RATED.

MOUNTING: LUMINAIRE MOUNTED ON HEAVY CAST LOW COPPER ALUMINUM ALLOY MOUNTING ARM.

TYPE B1 & B1A: 25' POLE
 TYPE B2: 20' POLE
 TYPE B3: 12' POLE

TYPE B1A ONLY: PROVIDE MOUNTING BRACKET(S) FOR CCTV CAMERA. COORDINATE WITH SECURITY SYSTEM INSTALLER PROVIDE SEPARATE RACEWAYS (3/4" MIN) AS DIRECTED BY SECURITY SYSTEM INSTALLER. REFER TO TE-SERIES FOR QUANTITY AND ORIENTATION.

OPTICS: CLEAR 3/16" THICK TEMPERED FLAT GLASS LENS WITH ANNOZED ALUMINUM REFLECTOR, FULL CUTOFF PERFORMANCE.

TYPE B1 & B1A: IES TYPE 5 DISTRIBUTION
 TYPE B2: IES TYPE 3 DISTRIBUTION WITH HOUSE SIDE SHIELD
 TYPE B3: IES TYPE 1 DISTRIBUTION

DRIVER: RATED FROM -40 DEGREES F, STARTING TEMPERATURE.

LAMPS: 120 LEDS WITH 4000K COLOR TEMPERATURE. 130 WATTS

BASIS OF DESIGN: KIM LIGHTING WP9LE-LED - PROVIDE SPECIFIED FIXTURE OR CUSTOM FIXTURE WITH APPEARANCE AND PERFORMANCE AS INDICATED. REFER TO CALCULATED LIGHTING ILLUMINANCE PLANS FOR MINIMUM PERFORMANCE REQUIREMENTS.



TYPE "C"

SURFACE MOUNT 2-LAMP FLUORESCENT VAPOR-TIGHT WET LOCATION LUMINAIRE.

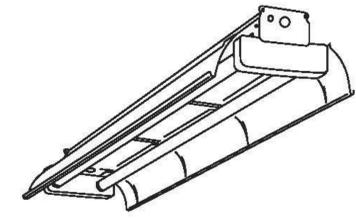
HOUSING: HIGH IMPACT FIBERGLASS; STAINLESS STEEL MOUNTING BRACKETS; CAPTIVE STAINLESS STEEL LATCHES; HEAVY DUTY ALUMINUM BALLAST TRAY

MOUNTING: CEILING SURFACE

LENS: HEAVY DUTY INJECTION MOLDED HIGH IMPACT ACRYLIC DIFFUSER; WATER-TIGHT GASKET ATTACHED TO LENS

BALLAST: ONE (1) 2-LAMP ELECTRONIC BALLAST, 120/277 VOLT

LAMPS: 2-32W T8 FLUORESCENT, 4100K



TYPE "D"

NOMINAL 4' HEAVY DUTY FLUORESCENT INDUSTRIAL LUMINAIRE, APPROXIMATE DIMENSIONS 49" X 7" X 14" WIDE

CHANNEL: 20 GAUGE STEEL FINISHED INSIDE AND OUTSIDE WITH BAKED WHITE ENAMEL.

MOUNTING: SOLID STEMS AT 8'-0"

REFLECTOR: 20 GAUGE STEEL WITH BAKED WHITE ENAMEL INSIDE AND OUT, APERTURED FOR 20% UPLIGHT.

END CAPS: 20 GAUGE STEEL FINISHED TO MATCH CHANNEL.

BALLAST: ONE (1) 2-LAMP ELECTRONIC BALLAST, 120/277 VOLT

LAMPHOLDER: TURRET TYPE, 6" LAMP SPACING.

LAMPS: 2-32W T8 FLUORESCENT, 4100K

- LUMINAIRE SCHEDULE NOTES**
- LUMINAIRES SHOWN ON PLANS WITH CROSS HATCHING ARE DESIGNATED FOR EMERGENCY AND EGRESS REQUIREMENTS. LUMINAIRES SHALL BE CONNECTED TO EMERGENCY POWER SOURCE PER NEC, ARTICLE 700. REFER TO SCHEDULE FOR EXACT DESCRIPTIONS AND REQUIREMENTS.
 - FOR EXACT LOCATION OF RECESSED LUMINAIRES, SEE ARCHITECTURAL REFLECTED CEILING PLANS AND FOR EXACT LOCATION OF WALL MTD. LUMINAIRES, SEE ARCHITECTURAL ELEVATIONS AND DETAILS.
 - LUMINAIRES DESIGNED FOR USE WITH TWO (2) LINEAR FLUORESCENT LAMPS GREATER THAN 30W EACH SHALL USE FOUR-LAMP TANDEM WIRED BALLASTS IN PLACE OF SINGLE-LAMP BALLASTS WHEN TWO OR MORE LUMINAIRES ARE IN THE SAME SPACE AND ON THE SAME CONTROL DEVICE.
 - WHERE NOTED IN THE FIXTURE DESCRIPTION, GENERATOR TRANSFER DEVICE SHALL BE UL-924 LISTED DEVICE CAPABLE OF TRANSFER FROM NORMAL POWER TO EMERGENCY WHEN NORMAL POWER IS LOST. REFER TO MANUFACTURER'S INSTALLATION DOCUMENTATION FOR EXACT WIRING CONFIGURATION FOR ACTUAL BALLAST USED.
 - REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS COMMON TO ALL LIGHT FIXTURES.



TYPE "E1" & "E2"

LED EDGE-LIT EXIT SIGN, 14" X 9" X 4-3/4" NOMINAL DIMENSIONS

HOUSING: 20 GAUGE DIE FORMED STEEL HOUSING WITH WHITE CORROSION RESISTANT POLYESTER POWDER COAT PAINT. CLEAR ACRYLIC LENS PANEL. RED LETTERS; SINGLE OR DOUBLE FACE AS INDICATED BY SHADING; UNIVERSAL MOUNTING (CEILING OR WALL); FIXTURE SHALL BE SUITABLE FOR INSTALLATION IN WET LOCATIONS AND FOR LOW TEMPERATURE OPERATION.

MOUNTING:
 TYPE E1: FLUSH IN GYP BOARD SOFFIT BEHIND CURTAIN WALL.
 TYPE E2: PENDANT MOUNTED FROM CEILING.
 TYPE E3: SURFACE MOUNTED TO FACE OF BEAM.

LAMPS: INTEGRAL LED WITH INTEGRAL 120/277 UNIVERSAL LED POWER SUPPLY



TYPE "F"

RECESSED 6" FLUORESCENT DOWNLIGHT.

HOUSING: 16 GAUGE GALVANIZED STEEL MOUNTING PAN AND YOKE ASSEMBLY. ALUMINUM ONE PIECE REFLECTOR WITH CLEAR LOW IRIDESCENT FINISH. MACHINED ALUMINUM BAFFLE.

MOUNTING: RECESSED

BALLAST: 120/277 UNIVERSAL COMPACT FLUORESCENT BALLAST

LAMPS: 26W TRIPLE TUBE CFL



TYPE "G1" "G2" & "G3"

RECESSED 6" METAL HALIDE DOWNLIGHT.

HOUSING: 16 GAUGE GALVANIZED STEEL MOUNTING PAN AND YOKE ASSEMBLY. ALUMINUM ONE PIECE REFLECTOR WITH CLEAR LOW IRIDESCENT FINISH. MACHINED ALUMINUM BAFFLE. DIE CAST ALUMINUM HEAT BAFFLE.

MOUNTING: RECESSED

LENS: PRISMATIC SPLAY LENS

BALLAST: 120/277 DUAL TAP METAL HALIDE BALLAST

TYPE G1 ONLY: PROVIDE WITH QUARTZ RESTRIKE.

LAMPS: TYPE G1 & G3: 50W METAL HALIDE
 TYPE G2: 150W METAL HALIDE



TYPE "H"

SURFACE 8" FLUORESCENT DOWNLIGHT.

HOUSING: ALUMINUM HOUSING WITH INTEGRAL BOTTOM DECK. CEILING MOUNT FOR DIRECT INSTALLATION FOR 4' SQUARE JUNCTION BOX.

MOUNTING: SURFACE

OPTICS: SELF FLANGED SEMI-SPECULAR BAFFLE WITH SPECULAR UPPER REFLECTOR.

BALLAST: INTEGRAL LED WITH INTEGRAL 120/277 UNIVERSAL LED POWER SUPPLY

LAMPS: 26W TRIPLE TUBE CFL

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Approved: Project Director	

Project Title	VA Erie Parking Structure	Project Number	11159.00
Location	Erie, PA	Building Number	
Date	9/24/2013	Checked	MSB
Drawn	SRH	Drawing Number	E-611

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