MAY 29 2008

FILE 16704

JEFFREY GARDENS
Recommended Parking Lot Lighting Plan

Objective: The objective of the Jeffrey Gardens Parking Lot lighting plan is to provide sufficient lighting at night for residents' security when entering or leaving the parking lot, on foot or in their cars, while at the same time not directing light into the windows of the buildings that surround the lot.

Proposed Lighting Design: The proposed lighting design includes the following components.

A. Two large wall pack mounted lighting fixtures on the back and/or sides of each of the following buildings.
Barnaby Road – 4243, 4253, 4263, 4273, 4383
Seventh Street – 4282, 4272

B. One large wall back mounted lighting fixture on the back or side of each of the following buildings.
Barnaby Road – 4363, 4373, 4386
Seventh Street – 4374, 4364, 4262

The wall pack lighting fixtures will have HID lamps similar to the "Lumax HC Series" for minimum of one foot candle.

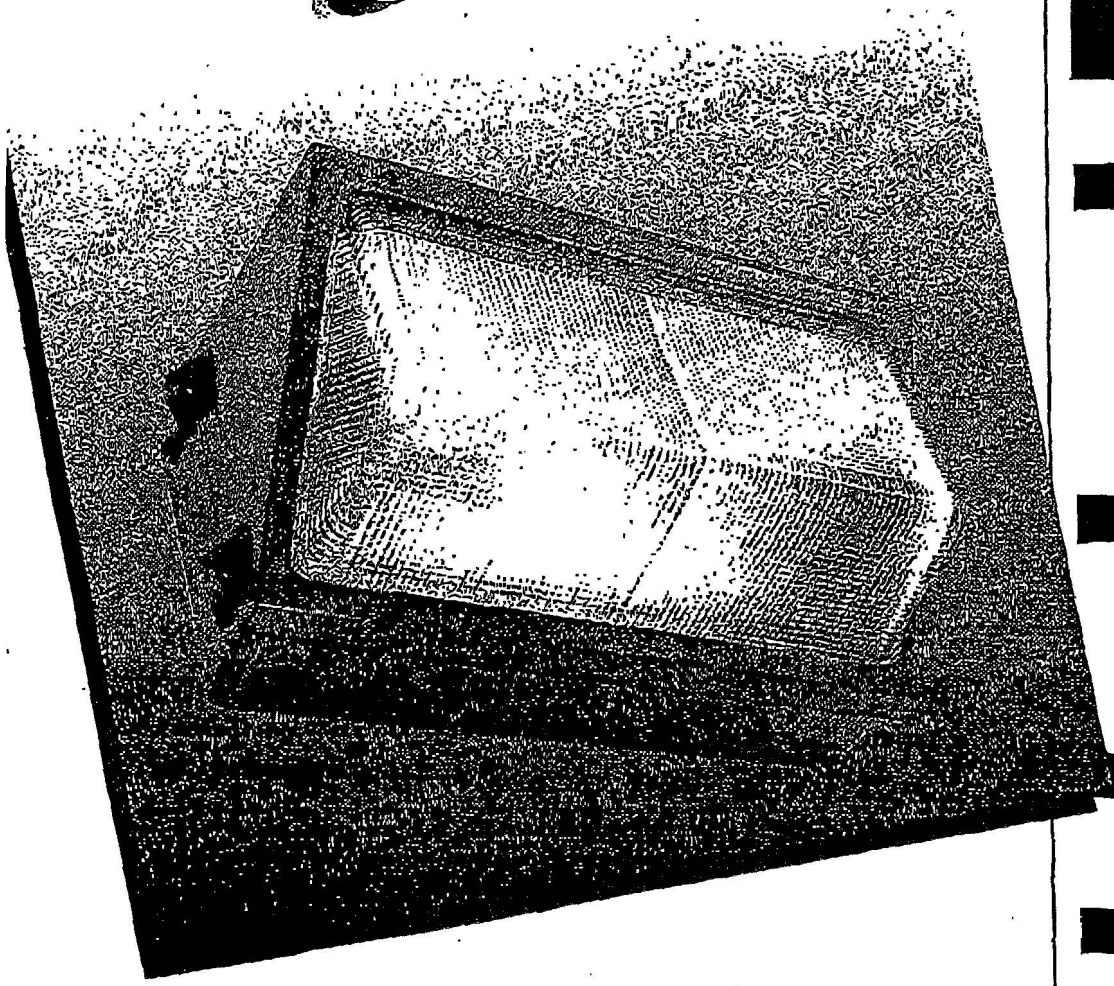
C. One pole light located on parking "island" area behind 4262 Seventh Street.

BZA
Case No. 16704
Exhibit No. 32

Board of Zoning Adjustment
District of Columbia
CASE NO.16704
EXHIBIT NO.32

LUMAX

HC SERIES



Large Wallpack

APPLICATION

- The Lumax Large Wallpack is a clean, architecturally appealing water-proof wall mount fixture, designed for indoor or outdoor use. Ideally suited for security or general area lighting, in applications such as stairways, walk-ways, parking lots, driveways, foliage and facade lighting. Available in many energy efficient wattage and lamp combinations.

CONSTRUCTION

- Weatherproof housing and door frame are heavy duty cast aluminum. Heat and impact resistant borosilicate prismatic glass refractor is gasketed and hinged for ease of relamping and maintenance. Anodized aluminum reflector provides even, efficient spread.

FINISH

- Housing and door frame are finished in baked bronze acrylic for maximum durability.

MOUNTING

- Fixture is designed for wall mounting in wet and damp locations. Housing is provided with cast knockouts for mounting and wiring ease. 1/2" I.P.S. tapped holes are provided on fixtures sides for continuous row feed, and on fixture top for optional photocontrol mounting.

ELECTRICAL

- Standard units are supplied with Constant Wattage High Power Factor ballasts, 4 KV rated porcelain sockets, and are Underwriters Laboratories Listed for wet and damp locations.

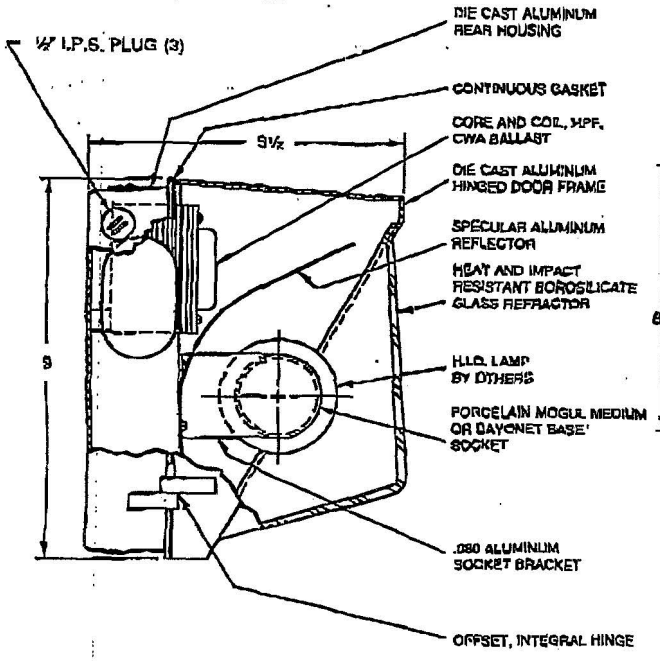
OPTIONS

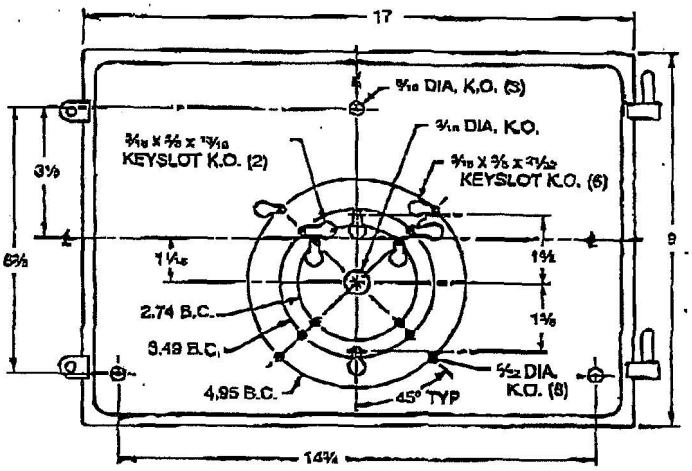
- See options list on back page of catalog sheet.
- (UL) U.L. listed and $_C$ (UL) listed components.
- I.B.E.W. labeled.

LUMAX INDUSTRIES, INC. Chestnut Avenue & Fourth Street
Altoona, PA 16603-0991 814-944-2537 Fax 814-944-6413

HC SERIES
Large Wallpack

DIMENSIONAL DATA



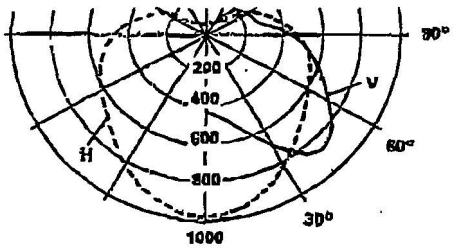


BACK VIEW — K.O. PIERCING

PHOTOMETRIC DATA

CANDLEPOWER

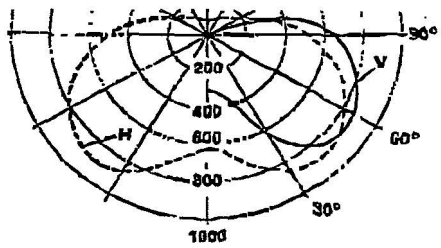
HC35-LH1



V = Vertical distribution in 0° plane
H = Horizontal distribution in 35° cone

SPACING TO MOUNTING HEIGHT RATIO = 5:1

HC100-MC1



V = Vertical distribution in 35° plane
H = Horizontal distribution in 65° cone

ORDERING INFORMATION

HC	250	–	SH	1
	Lamp Watts		Ballast	120 Volts

*HC	35	-	SH	1
HC	50	-	SH	1
HC	70	-	SH	1
HC	100	-	SH	1
HC	150	-	SH	1
HC	250	-	SH	1
HC	400	-	SH	1
*HC	50	-	MC	1
HC	100	-	MC	1
HC	175	-	MC	1
HC	250	-	MC	1
HC	400	-	MC	1
HC	70	-	MH	1
HC	100	-	MH	1
HC	175	-	MH	1
HC	250	-	MH	1
HC	400	-	MH	1

* Available in 120V. or 277V. only.

OPTIONS

BALLASTS:

SH - High Pressure Sodium - HPF
MH - Metal Halide
MC - Mercury Vapor

Ballast Voltage — 120 Volt, 60 Hz. - Standard. To order other voltages, change last digit "1" to the following: 2 = 208 Volt; 3 = 240 Volt; 4 = 277 Volt; 6 = Quad Tap 120, 208, 240 and 277 Volt. Note: See voltage restrictions under ordering information table.

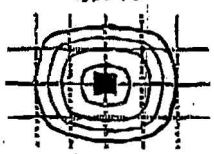
Tamperproof Screws — Add digits "TP" to catalog number.
Dusk to Dawn Photocontrol — Add digits "PC" to catalog number.
Polycarbonate Guard — Add Digits "PG" to catalog number.
Stainless Steel Wire Guard — Add digits "WG" to catalog number.
Fusing — (Installed) — Single Fuse (for 120V. & 277V.) add digits "F1". Double Fuse (for 208V. & 240V.) add digits "F2" to catalog number.
Available with quartz restrike.
Lamps are : * included with fixtures.
Note: Polycarbonate guard and wire guard can not be used together.

Note: Data subject to change.
Please consult the factory for verification.

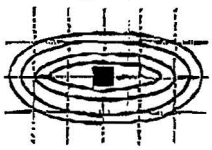
inisquare Luminaire.

Vertical Lamp

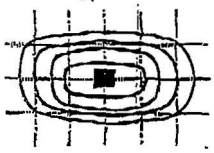
Type VS



Type VE

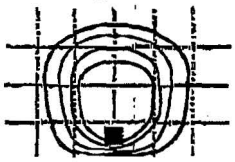


Type VR

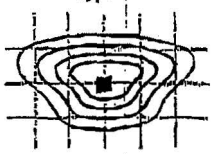


Horizontal Lamp

Type FF

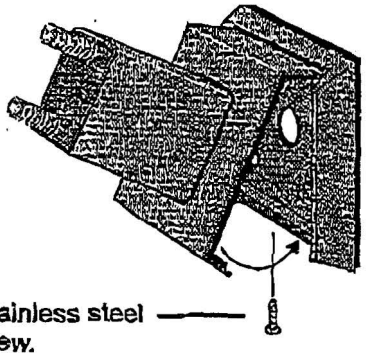


Type III

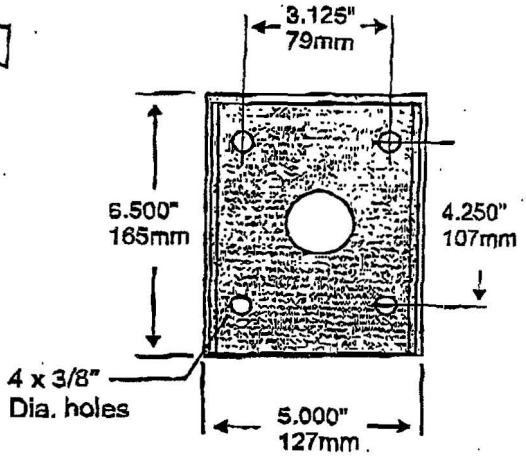


Wall Mount

"Clip n' Hang" feature

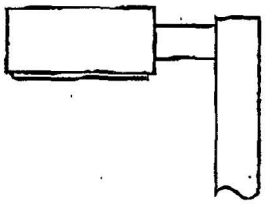


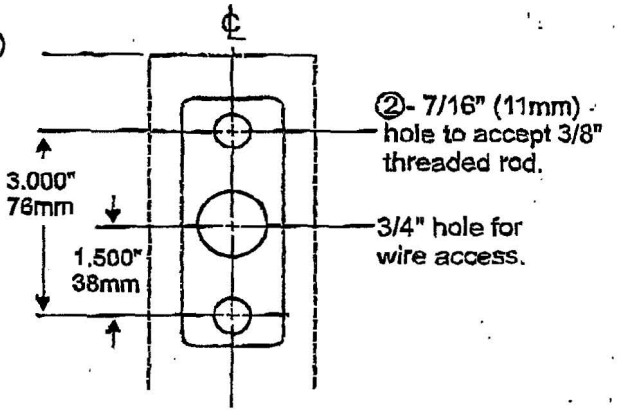
1/4" Stainless steel set screw.



Pole Mount

12" and 4" arm available.

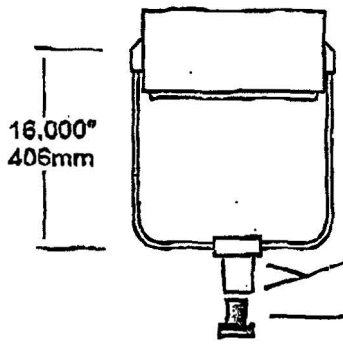


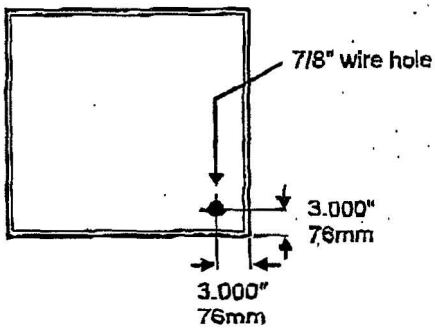


Surface Mount

**Mounting hardware by others







Pappi HID Luminaires are warranted against defects in material and workmanship for three years. The ballast manufactuer provides a two year warranty. All warranties are limited to replacement and/or repair.

Effective Projected Area:

E.P.A measured in sq/ft and includes a 10" mounting arm.

1 Fixture	1.35
2 Fixture	2.69
3 Fixture	3.07
4 Fixture	3.07

Catalog Code Specifications

Minisquare

HID Cut-Off Luminare
35watt - 200watt
High Performance Series

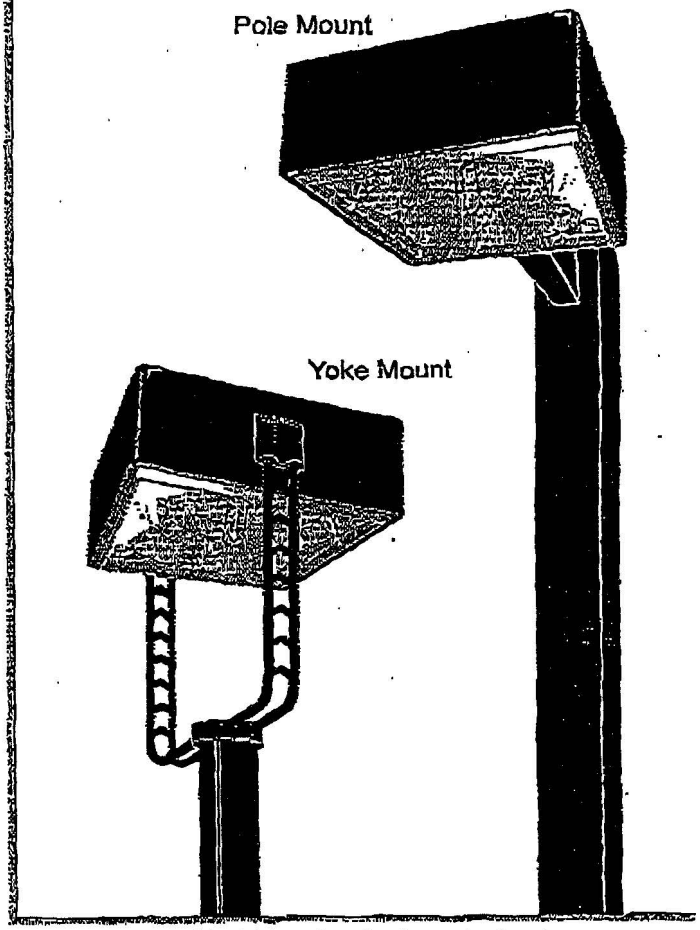
Housing
Extruded 6063 T6 aluminum Min 0.080" (2mm) max 0.410" (10mm) incorporating precision, no-weld clamp joint construction and sealed silicone raceway captive top.

Reflector
Optics are segmented, multifaceted and rotatable. Five (5) Area lighting distributions are available. Types are: FF, VS, VR, VE, and III.

Lens / Frame
6063 T6 clear anodized extruded aluminum for easy maintenance tool-less access and removal is standard. Self-hinge opens to 180 degrees. Flat tempered safety glass edged encased with EPDM gasket is standard.

Electrical
High power factor ballasts rated to -30° C (-20° F). 4 KV rated medium base lamp holders are utilized for all reflector types.

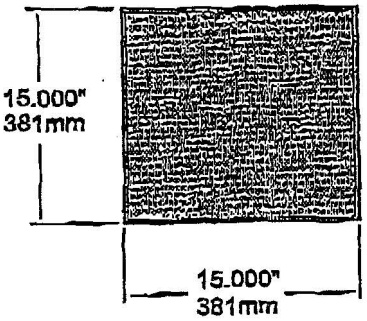
Finish
For long life, oven baked polyester powder coatings utilizing muti stage pre-treatment are supplied as standard. Hard color anodizing is optional.



** 200 MH watt pulse lamp technology
(21,000 lumens - 15,000hrs)

MSQL

Lamp Wattage	200, 175, 150,100 70, 50, 35
Lamp type	MH HPS
Voltage	120, 208, 240, 277, 347, 480, 600
Distribution	Vert. lamp - VS, VE, VR, Hor. lamp - FF, III
Lens	Flat Glass (LG) Frosted Glass (FG) Prismatic Glass (PG)
Mounting	Surface Mount (SM) Pole Mount (PM) Wall Mount (WM) Yoke Mount (YM)
Options	Photo Control (PC) Quartz Restrike (Q) Fuse(s) (F) Modular Discon. (MD) House Side Sheild (HS) 12" Mounting Arm (AS12) 4" Mounting Arm (AS4)
Color / Finish	White (WHI) Black (MBK) Bronze (BZS) Special (SPC) — Color chip required Anodizing: Clear (CLA) Black (MBA) Bronze (BZA)





Listed for Wet Location

Pappi Lighting