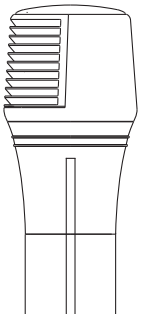
Notes:

Job:
Type:

LIGHTCOLUMNS 6



LU610ML — UPLIGHT WITH MIDSECTION DOWNLIGHT

GENERAL DESCRIPTION: The LU610ML provides low glare above eye level uplighting and below eye level down lighting from a single outdoor columnar luminaire. These units are available in mounting heights to 12' and utilize two (2) medium base HID lamps. The wide spectrum of available finishes and colored twin glow rings provide extensive design opportunities and create the potential for luminaire compatibility with most commercial landscapes and architectural environments.

ORDERING

PREFIX	GLOWRINGS	HEIGHT	TOP LAMP	MIDSECTION LAMP	VOLTAGE	FINISH	OPTIONS

Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX

LU610ML
360° Downlight

LU610ML1
180° Downlight

GLOWRINGS

C	Clear
Y	Yellow
G	Green
R	Red
X	Opaque (Non-Glow)

HEIGHT

84"
102"
120"
144"

TOP LAMP

50MH
70MH
100MH
175MH

P70MH
P100MH
P70HPS

50HPS
70HPS
100HPS
150HPS

MH Metal Halide
HPS High Pressure Sodium

NOTE: All lamps are medium base and must be ordered seperately

MIDSECTION LAMP

50MH
70MH
100MH

50HPS
70HPS
100HPS

MH Metal Halide
HPS High Pressure Sodium

NOTE: All lamps are medium base and must be ordered seperately

VOLTAGE

120
277

FINISH

BRP	Bronze Paint
BLP	Black Paint
WP	White Paint
NP	Natural Aluminum Paint
OC	Optional Color Paint *Specify RAL designation as shown ex: OC-RAL7024*
SC	Special Color Paint *Specify. Must supply color chip*

OPTIONS

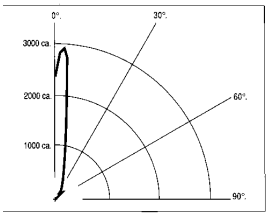
LF	In-Line Fusing

UPLIGHT DISTRIBUTIONS

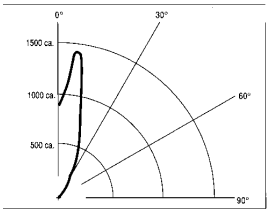
Lamp Factor Table

50W	HPS	.29	150W	HPS	1.14	100W	MH	.56
70W	HPS	.46	50W	MH	.24	175W	MH	1.00
100W	HPS	.68	70W	MH	.36			

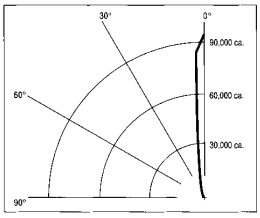
All upright candlepower curves are based on 0° aiming.
At extreme angles, louvers may interfere with distribution.



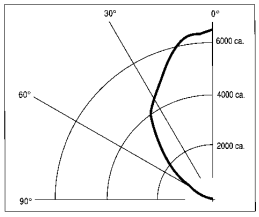
175W Metal Halide E-17
Socket Set to Spot Position



175W Metal Halide E-17
Socket Set Narrow Flood Position



175 W Metal Halide R-40 Spot Lamp



175 W Metal Halide R-40 Flood Lamp

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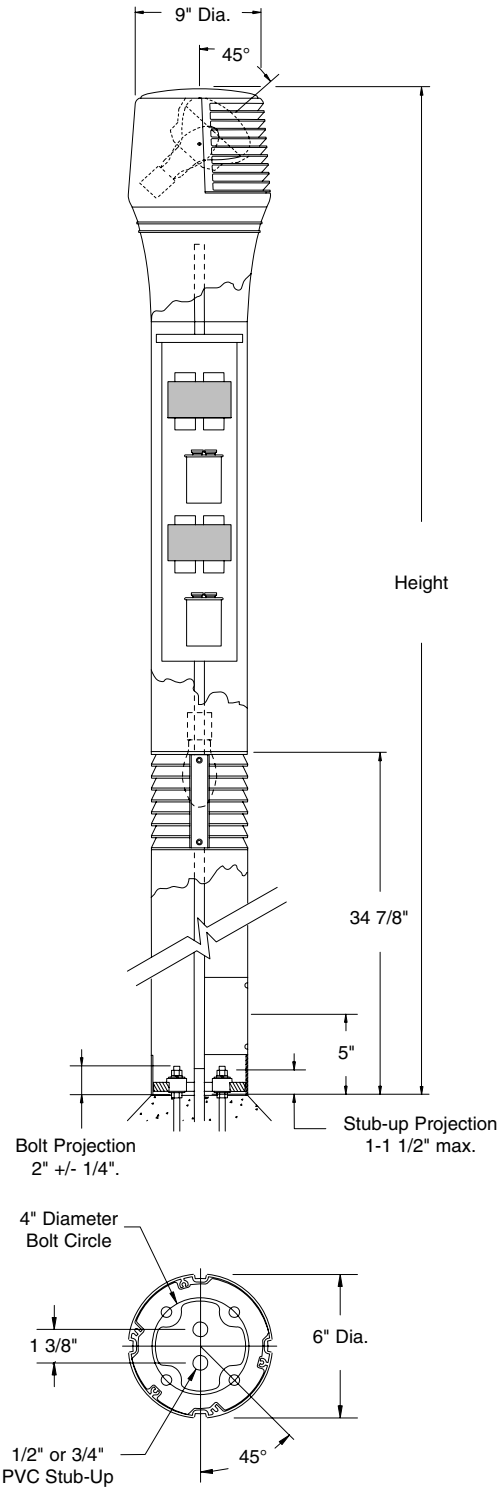
GARDCO LIGHTING

79115-88/0505

LIGHTCOLUMNS 6

LU610ML — UPLIGHT WITH MIDSECTION DOWNLIGHT

DIMENSIONS



SPECIFICATIONS

GENERAL: Each LU610ML & LU610ML1 luminaire is a columnar uplight with a midsection downlight. Uplight utilizes 50W through 175W high intensity discharge lamps and the downlights have a maximum rating of 100W. Units consist of diecast aluminum top housing mounted on 6" diameter extruded columns. Luminaires are sealed and gasketed preventing intrusion of moisture, dirt, insects, and pollutants. Mounting heights are available to 12'. Twin glow rings are offered in four (4) colors and are illuminated by the primary source.

TOP HOUSING: Top housing is diecast aluminum and secured with four (4) stainless steel hex head screws. Top lens is clear molded tempered glass. Inner pyrex lens is mechanically protected by diecast louvers.

COLUMNAR HOUSING: Upper and lower column housing is 6063-T6 extruded aluminum. Internal channel secures ballast assembly. Upper extrusion is secured to lower extrusion at midsection with three (3) zinc plated 9/16" diameter steel rods. Pyrex vessel enshrouds lamp at midsection. Cast aluminum handhole cover is gasketed and mounts flush with column.

OPTICAL SYSTEMS: E-17 lamp units feature specular Alzak® reflector and two position socket providing flood or narrow flood uplight distribution, Reflector lamp units accommodate all R-40 and PAR-38 type HID lamps to 175W. All products feature 40° vertical and 358° horizontal uplight aiming. Top housing louvers conceal source to 90° irrespective of aiming angle.

LU610ML units feature four (4) diecast louver sections which mount flush to extrusion begirding midsection lamp and providing 360° downlight distribution. In the LU610ML1 units, two (2) opaque panels are substituted for louver sections which creates a house side shield (180°) distribution. Midsection louvers conceal source to 90°.

ELECTRICAL: Two (2) medium base pulse rated lamp socket is glazed porcelain with nickel plated screw shell and center contacts. Each luminaire contains two (2) high power factor ballasts which are the separate component type capable of providing reliable lamp starting to -20° F. Ballasts are suitable for separate circuit wiring and are both mounted on unitized tray. Entire dual ballast assembly is secured within the column housing and prewired with quick electrical disconnects to the socket assemblies.

Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600 VAC at 150°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher.

ANCHORAGE: Cast base provides for direct mounting to the foundation with four (4) 3/8" x 8" x 1 1/2" anchor bolts on a 4" bolt circle. Double nut mounting facilitates product leveling.

FINISH: Lightcolumns are finished with a fade and abrasion resistant textured TGIC powder coat. Consult color selection guide for optional or special colors.

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

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