


McGraw-Edison 

Category # GSM-XX-320MP-3V-FG-HS
Project HAMPTON INN & SUITES
Comments
Prepared by EXCEL ENGINEERING

Type M13
Date

DESCRIPTION
Galleria's beauty and versatility make it an excellent choice for roadway and general area lighting applications. An aesthetically pleasing, formed aluminum housing gives the Galleria a distinctive look while a variety of mounting options and lamp wattages provide maximum flexibility. Galleria's superior light distributions makes it the optimum choice for almost any small, medium or large area lighting application.

SPECIFICATION FEATURES
Construction
Housing is formed aluminum housing with stamped reveal has horizontal and vertical louver structural integrity and is finished in premium TFC polyester powder coat. U.L. listed and CSA certified for wet locations. COOPER formed aluminum door has heavy-duty hinges, captive retaining screws and is finished in premium TFC polyester powder coat. (Splice mount unit has steel door).

Optical
REFLECTOR: Choice of 16 high efficiency optical systems utilizing horizontal and vertical louver orientations. Optional high efficiency segmented optical system constructed of premium sheet. Optical segments are rigidly mounted inside a third gauge aluminum housing for superior protection. All segment flares are clear of front lens, tabs or other means of attachment which may cause blocking in the light distribution. Standard with multi-base socket. All optical modules feature quick disconnect wiring plugs and are field rotatable in 90° increments. LENS: Convex transparent glass lens or flat glass.


Mounting
COOPER's patented arm includes internal bolt guides allowing for easy positioning of fixture during assembly. Specify arm-included mounting for contractor-friendly single carton packaging of housing and arm.

Electrical
BALLAST TRIM: Ballast trim is hard-mounted to housing interior for cooler operation.

70 - 1000W
High Pressure Sodium
Metal Halide
ARCHITECTURAL AREA LUMINAIRE
DARK SKY COMPLIANT

ENERGY DATA
CMA Ballast Input Watts
100W MP HP (100 Watt)
150W MP HP (150 Watt)
200W MP HP (200 Watt)
250W MP HP (250 Watt)
300W MP HP (300 Watt)
350W MP HP (350 Watt)
400W MP HP (400 Watt)
450W MP HP (450 Watt)
500W MP HP (500 Watt)
550W MP HP (550 Watt)
600W MP HP (600 Watt)
650W MP HP (650 Watt)
700W MP HP (700 Watt)
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650W MP HP (650 Watt)
700W MP HP (700 Watt)
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COOPER Lighting
www.cooperlighting.com

McGraw-Edison 

Category # BSC-42-70MP-BZ
Project HAMPTON INN & SUITES
Comments
Prepared by EXCEL ENGINEERING

Type B1
Date

DESCRIPTION
The McGraw-Edison BSC / BRC Bollard, available in heights from 24" to 42", has crisp, clean lines which blend with any architectural setting. Constructed of anodized, heavy-duty aluminum and finished with tough polyester powder coat, the Bollard is gasketed to seal out external contaminants. U.L. listed and CSA certified for wet locations. Bollards are designed for walkways, entrances, drives and other small area lighting applications where low mounting heights are desirable.

SPECIFICATION FEATURES
Construction
TOP: Rugged, heavy-duty aluminum. (Splice mount unit has completely gasketed and sealed from outdoor contaminants. Tamper-proof screws provide easy access to lamp compartment.)
HOUSING: Consists of a heavy-duty, anodized aluminum housing tube. Lifts off base for easy access to ballast. BSC: Rugged cast aluminum. Completely gasketed uniformly. EXAMPL: Using TFC powder coat finish.
Optical
Lower dispersing reflector, in conjunction with a horizontal, optional upper collecting reflector, provides low glare, highly efficient illumination with optimum uniformity.
Finish
Premium tube and abrasion resistant, TFC Polyester Powder Coat Finish. Standard colors are Black, Grey, Bronze, White, Dark Platinum and Graphite Metallic. Other finish colors available including all RAL matches.


Mounting
Base mounts onto foundation with three 1/2" x 1 1/2" anchor bolts on 8" dia. Bolt circle is centrally located 2 7/8" x 1 1/2" wire anodized stainless steel. Base housing is secured to the base with railhead, counter-sunk screws for smooth, uncluttered appearance.

Electrical
High Pressure Sodium or LED options available. COOPER's patented arm includes internal bolt guides allowing for easy positioning of fixture during assembly. Specify arm-included mounting for contractor-friendly single carton packaging of housing and arm.

26 - 175W
High Pressure Sodium
Metal Halide
Compact Fluorescent
Incandescent
PATHWAY LUMINAIRE

ENERGY DATA
CMA Ballast Input Watts
250W MP HP (250 Watt)
300W MP HP (300 Watt)
350W MP HP (350 Watt)
400W MP HP (400 Watt)
450W MP HP (450 Watt)
500W MP HP (500 Watt)
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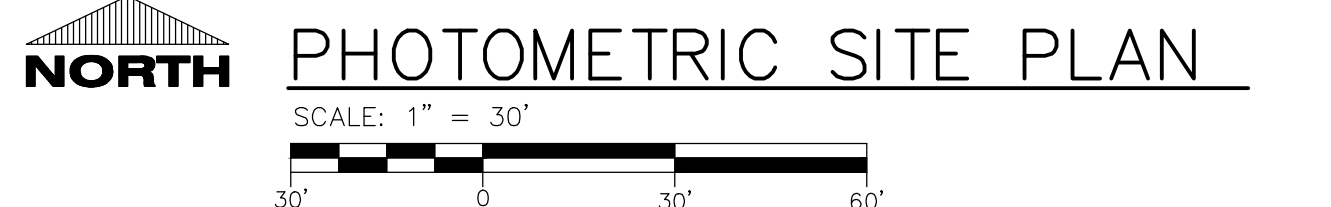
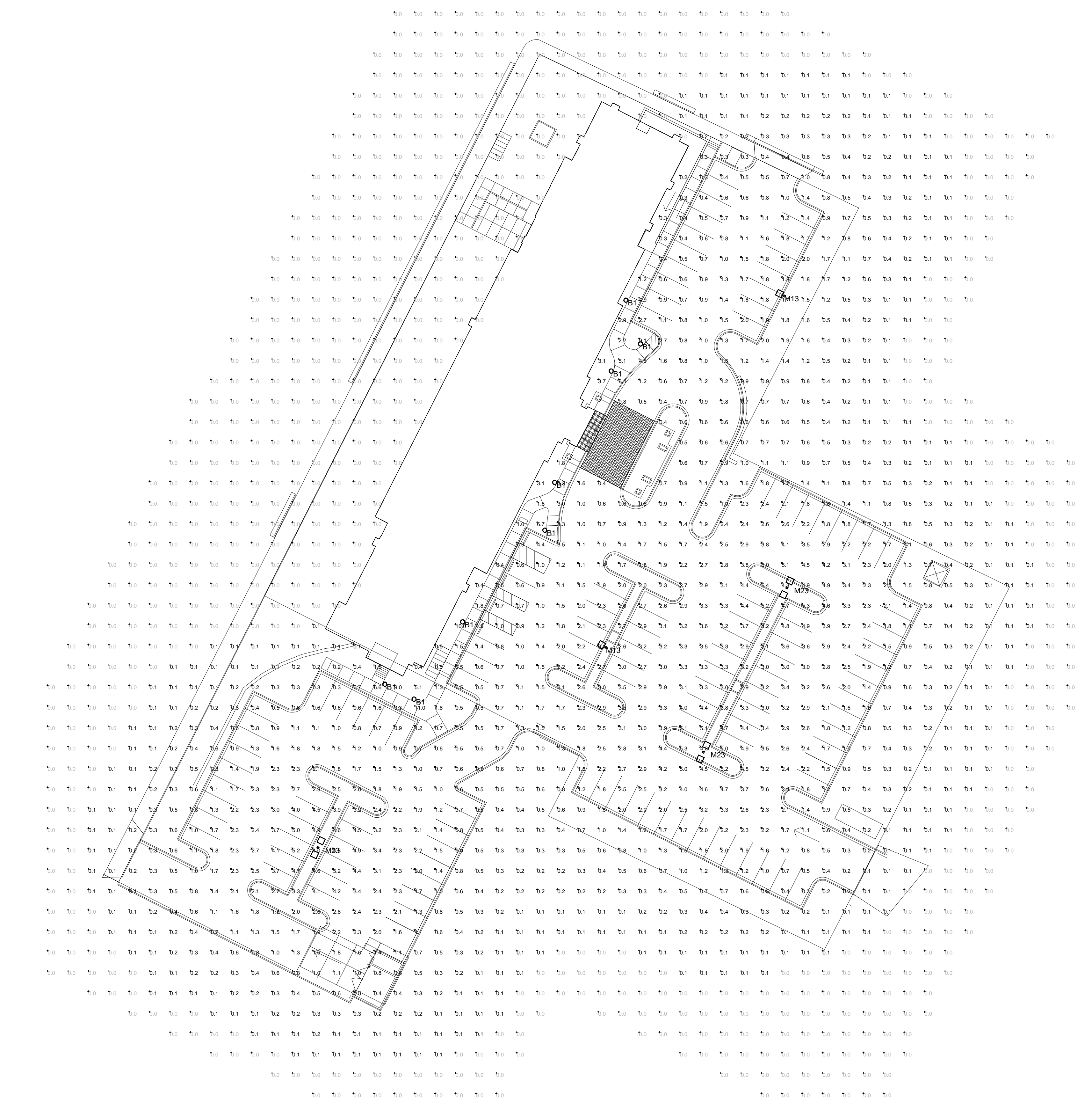
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Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts	Mounting Height
	M13	2	GSM-XX-320MP-XX-3V-FG-HS	MEDIUM ARCHITECTURAL AREA LUMINAIRE-VERTICAL LAMP-TYPE III DISTRIBUTION	320 WATT PULSE-START CLEAR ED-37 VBU BURN	GSM-XX-320-MP-XX-3V-FG-HS	33000	0.81	350	25'-0"
	M23	3	GSM-AM-320-MP-MT-3V-FG (Twin)	MEDIUM ARCHITECTURAL AREA LUMINAIRE-VERTICAL LAMP-TYPE 3 DISTRIBUTION	320 WATT PULSE-START CLEAR ED-28 VBU BURN	GSM-XX-320-MP-XX-3V-FG	34000	0.81	700	25'-0"
	B1	8	BRC-70-MP	70W MP ROUND ARCHITECTURAL BOLLARD-SYMMETRIC DISTRIBUTION	70 WATT PULSE-START CLEAR ED-17 VBU BURN	BRC-XX-70-MP	5900	0.81	70	3'-6"

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #2	+	0.7 fc	11.0 fc	0.0 fc	N/A	N/A
Parking & Drive	X	2.2 fc	5.4 fc	0.3 fc	18.0:1	7.3:1