

Eurotique Series

Steel Post

Post:

Post shall be all steel construction consisting of a $\varnothing 7"$ to $\varnothing 5"$ stepped shaft with a $\varnothing 4 \frac{3}{8}" \times 11"$ tall tenon for arm mounting. A handhole is located in the shaft for wiring access. An aluminum anchor plate cover is provided with the post.

Arm:

Arm shall be all aluminum construction consisting of a post fitter with removable cap and twin pipe arms with decorative braces and $1 \frac{1}{2}"$ NPT plumbizers for luminaire mounting.

Luminaire:

Luminaire shall be $\varnothing 25" \times 23"$ tall with a cast aluminum housing and skirt with a clear flat glass lens.

Luminaire shall be furnished with a high intensity discharge ballast and a socket assembly and a segmented aluminum reflector with an IES type 5S distribution.

Lamp Type	Metal Halide	High Pressure Sodium	Voltage
HID Socket Size	<input type="checkbox"/> - 50M	<input type="checkbox"/> - 35S	<input type="checkbox"/> /120
	<input type="checkbox"/> - 70M	<input type="checkbox"/> - 50S	<input type="checkbox"/> /208
	<input type="checkbox"/> - 100M	<input type="checkbox"/> - 70S	<input type="checkbox"/> /240
<input type="checkbox"/> - MED	<input type="checkbox"/> - 150M	<input type="checkbox"/> - 100S	<input type="checkbox"/> /277
<input checked="" type="checkbox"/> - MOG	<input type="checkbox"/> - 175M	<input type="checkbox"/> - 150S	<input type="checkbox"/> /480
	<input checked="" type="checkbox"/> - 400M	<input type="checkbox"/> - 250S	<input checked="" type="checkbox"/> /TB

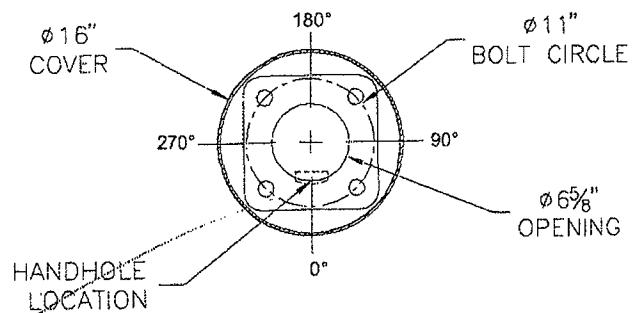
Anchorage:

Post shall be furnished with (4) $1 \frac{1}{4}"$ hot-dip galvanized L-type anchor bolts.

Finish:

Post, arm and luminaire shall be furnished with a black powder coat finish.

Anchorage Detail



Note:

All hardware shall be stainless steel. All easily accessible exterior hardware shall be tamper resistant.

Post Height: 24'-0"
Base Size: $\varnothing 16"$

Overall Height: 26'-7"
Top Light Center: 23'-8"

sign & date

Customer Approval

10/21/09

date: 10/14/09

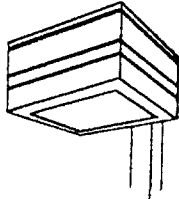
scale: NTS

dwg#: L-7950A

Catalog# EPSX 24 S5S7 4-3/8T11 ANBK/EAD5/2 ANBK
2EM25ST 400M MOG GCF SR5S TB ANBK
4BAB 36H4 ANBK

ANTIQUÉ Street Lamps

2011-B W. Rundberg Lane • Austin, TX 78758-5946
(512) 977-8444 • Fax (512) 977-9622

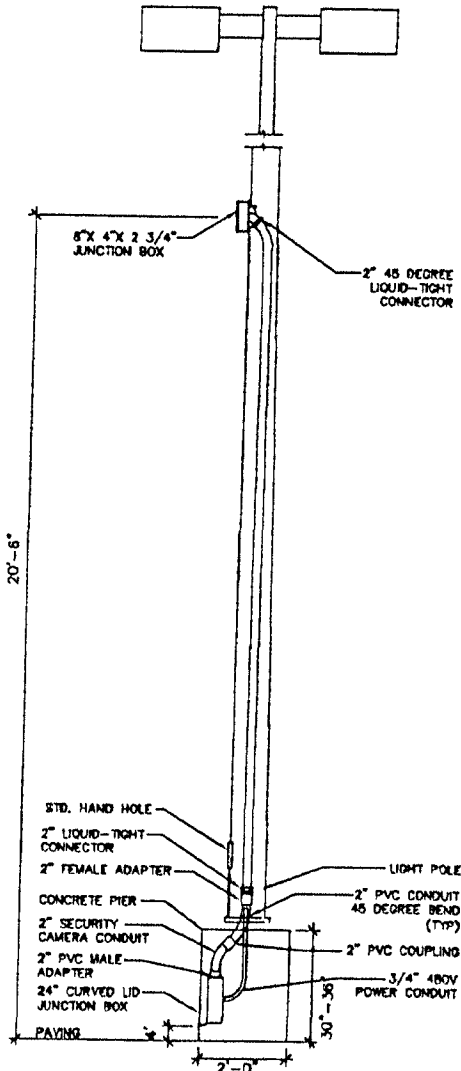


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POLE MOUNTED CAMERA DETAIL

N.T.S.
10/02/07

NOTE:
ONLY FOR POLE LOCATIONS DESIGNATED WITH

W
Wolverton & Associates
Consulting Engineers + Land Surveyors

8745 Superfund Parkway • Suite 100 • Duluth, Georgia 30097
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www.wolverton-assoc.com

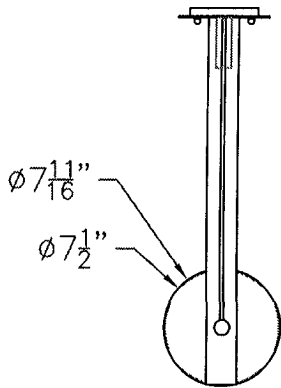
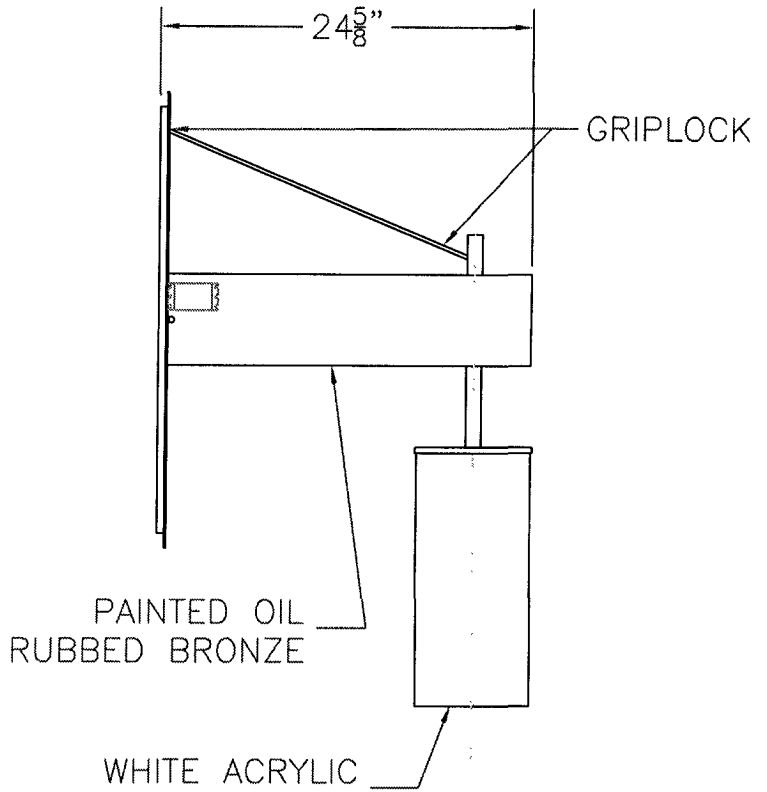
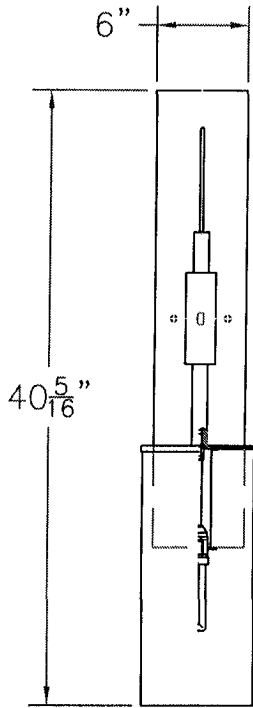
PROPOSED BLACK HILLS CENTER
Walmart #3872-03
RAPID CITY, PENNINGTON COUNTY, S.D.
BY: THF STONERIDGE DEVELOPMENT, LLC
ST. LOUIS, MO

PROJECT: WALMART

KBF7439-I

PROJECT INFORMATION

FIXTURE TYPE: B
 QUANTITY: 100
 SPECIFIER: -
 REPRESENTATIVE: TLC
 PROJECT MANAGER: KATRENA B.
 PROJECT NUMBER: NATIONAL



SIZE	A	DATE	05/19/2009	REV	A
SCALE	N.T.S.		SHEET	1 OF 1	

NOTE: LEAD TIME STARTS UPON RECEIPT OF APPROVED DRAWINGS, FINISH SAMPLES, AND PAID DEPOSITS. TROY RESERVES THE RIGHT TO MAKE MINOR CHANGES TO THIS DRAWING AS REQUIRED BY PRODUCTION CONSTRAINTS.

FIXTURE SPECIFICATIONS

LAMP NOT INCLUDED

SCHEDULED TO USE: (1) 18 WATT 4/PIN
 VOLTAGE: UNIVERSAL
 BALLAST: ELECTRONIC
 LABELING: MEETS U.L. STANDARD 1598
 DIFFUSER: FROSTED ACRYLIC
 FINISH: PAINTED OIL RUBBED BRONZE



GREENLEE RDB/RDS SERIES

Lamp Types: Metal Halide, Mercury Vapor, High Pressure Sodium, Incandescent, Low-Voltage, and Compact Fluorescent

Housing: Compression molded, fiber-reinforced polymer housing provides high strength and UV stability. Warranted against corrosion for five years.

Finish: Housing and standard slip-resistant composite lens retainer is black. Optional aluminum accessories are available in Black or Clear polyester powder coat. Brass accessories have a natural, as cast finish.

Fasteners: All exposed fasteners are captive, black oxide coated, stainless steel.

Lampholder: Matched to lamp/optics. Medium base is glazed porcelain, 4KV pulse rated, with spring center contact. Double ended HID are 5KV pulse rated with silver plated contacts. Compact fluorescent are molded thermoplastic. LV Bi-pin are high temperature ceramic.

Lens/Retainer: Tempered, heat resistant glass available with optional slip resistant etched pattern, or low-iron formulation. Cast brass and aluminum lens retainers are available in place of standard composite ring.

Optics/Aiming: Flood and Spot optics with variable beams spreads are available. Precise beam spread, tilt, and rotation can all be locked into place.

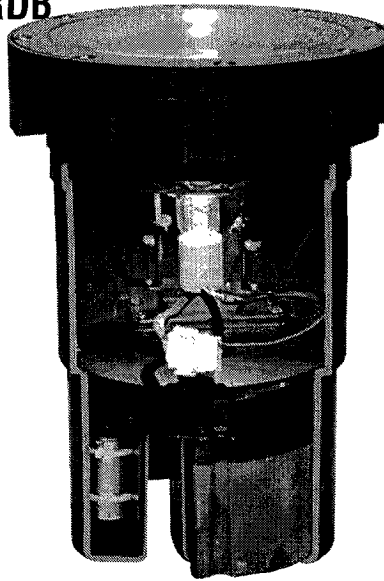
Max reflector tilt is 15° in RDS, and 25° in RDB. Spot optics come standard with Internal Source Shields for glare control. Wall Wash optics have integral glare control devices. Reflector lamps from MR16 (RDS) through PAR56 (RDB) can be accommodated.

Power Pack: Standard HID PPK is magnetic, high power factor, -20°F starting, with a Class H, 180°C insulation system. Ballast and thermal protector are encapsulated in silica resin for heat control. PPK assembly has handle/finger holes for easy installation and service. Dissimilar quick connectors ensure error free assembly. Molded-in compartments (in housing) separate capacitor and ignitor from ballast heat. Fluorescent ballast is electronic, universal 120-277V 50/60HZ, rated for 0°F starting. Electronic ballasts for most metal halide lamps are an available option.

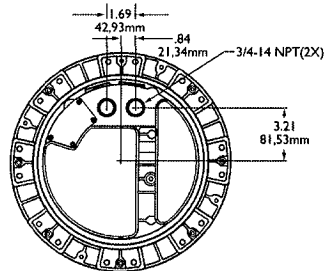
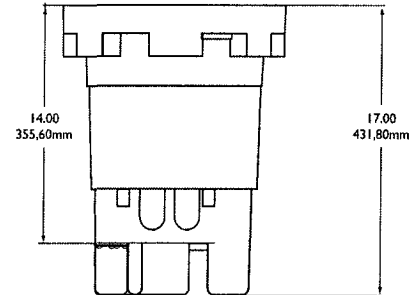
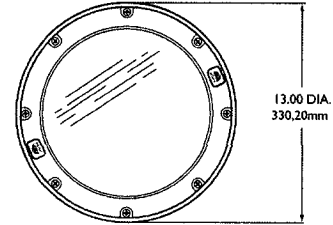
Seal Pack and waterproof wire connectors are included to provide for a high quality installation.



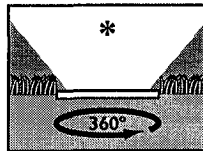
RDB



RDB Dimensions

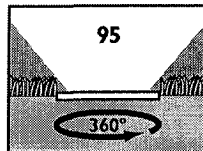


RDB Optics

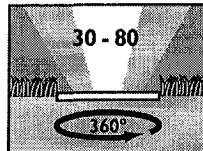


SWW
CMH 39, 70 150
T6

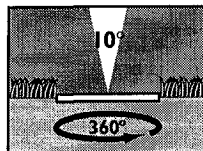
* Wall Wash



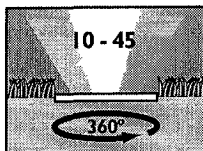
FLF
MH 50, 70, 100
150, 175
MV 50, 75, 100, 175
HPS 50, 70, 100, 150
Tilt up to 25°



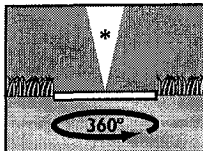
FLV
MH 50, 70, 100
150, 175
MV 50, 75, 100, 175
HPS 50, 70, 100, 150
Tilt up to 25°



SPF-Fixed Spot
MH 50, 70, 100
150, 175
MV 50, 75, 100, 175
Tilt up to 25°



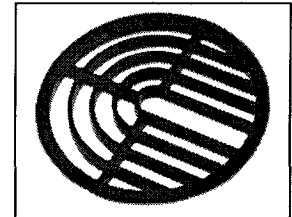
SPV-Variable Spot
MH 50, 70, 100,
150, 175
MV 50, 75, 100
HPS 50, 70, 100, 150
Tilt up to 25°



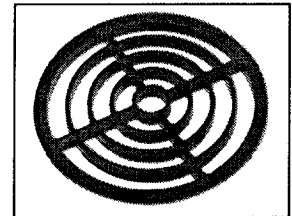
RFL/PAR38
MH 39, 70, 100, 175
MV 50, 100, 175
*Depends on Lamp
Tilt up to 25

RDB Accessories (only)

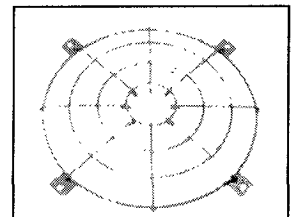
Internal Directional Louver (IDL)



Internal Non-Directional Louver (INL)

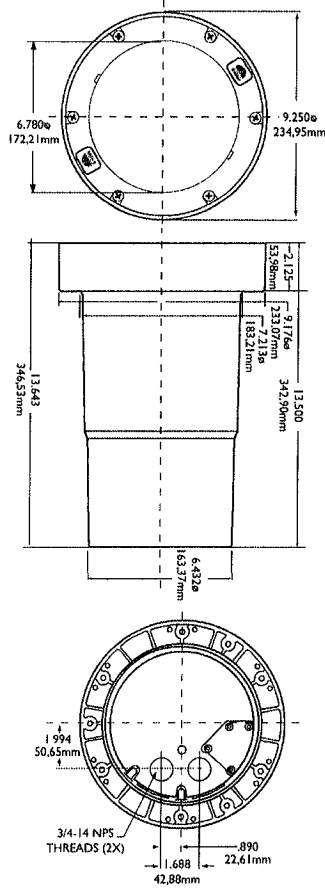


Stainless Steel Rock Guard (RGS)

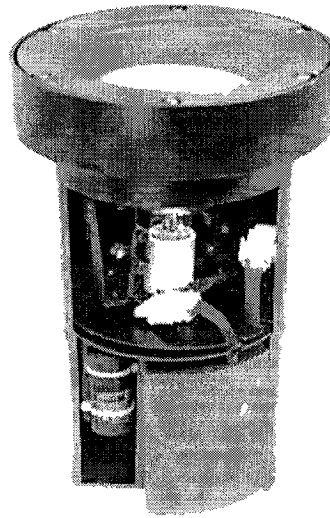


GREENLEE RDB/RDS SERIES

RDS Dimensions



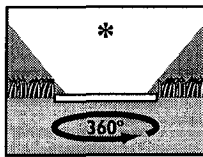
RDS



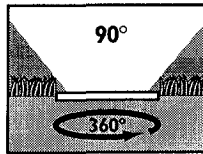
LSI Greenlee's RDB/RDS family of round corrosion proof composite inground uplights provides these extra value features:

- RTL technology significantly reduces lens temperatures
- Variable Beam Spread Optics
- Rough-in housing RIH (with lens and retainer) can be shipped ahead for installation in concrete.
- Drive-over capability, up to 3,000-pound vehicle weight
- Power Pack with Quick Connectors

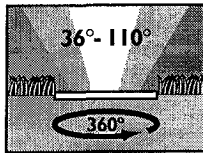
RDS Optics



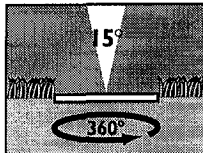
AWW
 MH 50, 70, 100
 MV 50, 75, 100
 HPS 50, 70, 100
 * Wall Wash



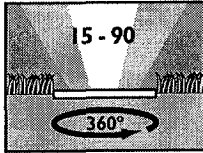
FLF
 MH 50, 70, 100
 MV 50, 75, 100
 HPS 50, 70, 100
 Tilt up to 15°



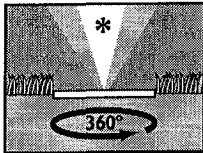
FLV
 MH 50, 70, 100
 MV 50, 75, 100
 HPS 50, 70, 100
 Tilt up to 15°



SPF
 MH 50, 70, 100
 MV 50, 75, 100
 HPS 50, 70, 100
 Tilt up to 15°



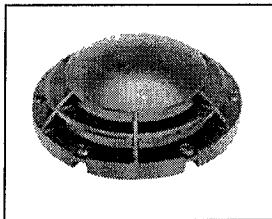
SPV
 MH 50, 70, 100
 MV 50, 75, 100
 HPS 50, 70, 100
 Tilt up to 15°



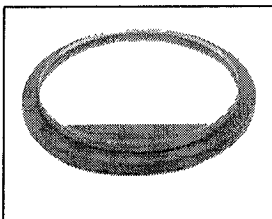
RFL
 MH 39, 70, 100PAR
 MV 50, 100 R-30
 * Depends On Lamp
 Tilt up to 15°

- Interchangeable Optic Assemblies with Quick Connectors
- Seal Pack kit provided to seal junction box for a high quality installation
- Waterproof wire connectors provided for trouble-free operation
- Anti-Siphon Barrier

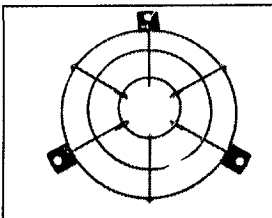
RDS Accessories (only)



Domed Directional Marker
 DMB-Shown
 DMA-CPP Available
 DMA-BLK Available



Wall Wash Lens
 Standard w/AWW Optics



Stainless Steel Rock Guard
 RGS-Shown

GREENLEE RDB/RDS ORDER SPECIFICATIONS

TO ORDER FIXTURE: Select appropriate choice from each column as in example below.

Series	Wattage/Lamp Type	Voltage	Optics	Options
RDB	50 ¹ , 70 ¹ , 100, 150, 175 MH	120	Optics for Medium Base E-17 Lamps FLV - Variable Flood 30°- 80° SPV - Variable Spot 10°- 45° AWW - Asymmetric Wall Wash Optics (for E-17 lamps) FLF - Fixed Flood Reflector 95° SPF - Fixed Spot Reflector 10° Optics for T6 CMH Lamps w/G12 bi-pin base SWW - Superior Wall Wash Optics (for T-6 lamps) FLVG12 - Variable Flood 30°- 80° SPVG12 - Variable Spot 10°- 45° Double Ended Metal Halide Optics DMH/A - Wall Wash Optics 70, 150 Self Reflectorized Lamp Optics RFL - Medium Base for Self Reflectorized Lamp MV 100, 175 PAR38: Med Base PAR38 Lamps MH 70, 100, 150, 175	ALR - Aluminum Lens Retainer-Specify Color ⁴ BLR - Brass Lens Retainer LL - Less Lamp LIG - Low Iron Glass Lens RGA - Rock Guard Aluminum -Specify Color ⁴ RGB - Rock Guard Brass SCE - Side Conduit Entry (two additional, 3/4-14 only) SRL - Slip Resistant Lens TR - Tamper Resistant Fasteners - order TR key separately
	50 ¹ , 75 ¹ , 100, 175 MV	208		
	50 ¹ , 70 ¹ , 100, 150 HPS	240		
	39 MH	277		
	INC	120	PAR38:Medium Base/Up to 250 watt PAR46:Medium Prong, 200 watt PAR56: Mogul End Prong, up to 300 watts AWW- Up to 150 watt T-10 halogen	Accessories CFX - Color Filters ³ DSA - Directional Shield Aluminum-Specify Color ⁴ DSB - Directional Shield Brass IDL - Internal Directional Louver ³ RGS - Stainless Steel Rock Guard RTL - Reduced Temperature Lens ³ SST - Stainless Steel Trim TDF - Tie Down Fasteners TRKEY - Key for TR fasteners
	26, 32, 42 CFL	UE ²	CFF Compact Fluorescent Flood	
RDS Marker	50MH	120	DMA - Domed Directional Marker - Aluminum DMB - Domed Directional Marker - Brass	
	26, 32, 42 CFL	208		Options 180 - 180° House Side Shield
		240		
		277		
		UE ²		
RDS Uplight	39 ¹ , 50, 70, 100 MH	120	Optics for Medium Base E-17 Lamps FLV - Variable Flood 36°- 110° SPV - Variable Spot 15°- 90° AWW - Asymmetric Wall Wash Optics FLF - Fixed Flood Reflector 90° SPF - Fixed Spot Reflector 15° Self Reflectorized Lamp Optics RFL - Up to 100W MH PAR38 Up to 100W MV R30 Or 70W MH PAR30 Optics for T6 CMH lamps with G12 Bi-Pin Base FLVG12 - Variable Flood 30° - 90° ⁶ SPVG12 - Variable Spot 18° - 60° ⁶	ALR - Aluminum Lens Retainer- Specify Color ⁴ BLR - Brass Lens Retainer LL - Less Lamp LIG - Low Iron Glass Lens RGA - Rock Guard Aluminum - Specify Color ⁴ RGB - Rock Guard Brass ⁴ SRL - Slip Resistant Lens SCE - Side Conduit Entry (two additional, 3/4-14 only) TR - Tamper Resistant Fasteners - Order TR Key Separately
	50 ¹ , 75 ¹ 100MV MV	208		
	35, 50, 70, 100 ² HPS	240		
		277		
	INC Up to 150W PAR38 lamp or T-10 Halogen Lamp	120	RFL - Up to 150W PAR38 or 75W PAR30 AWW-Up to 150W T-10 Halogen	Accessories CFX - Color Filters ³ DSA - Directional Shield Aluminum - Specify Color ⁴ DSB - Directional Shield Brass HL - Internal Hexcell Louver ³ RGS - Stainless Steel Rock Guard RTL - Reduced Temperature Lens ³ SST - Stainless Steel Trim TDF - Tie Down Fasteners TR Key - Key for TR Fasteners
	26, 32, 42 CFL	UE ²	CFF - Compact Fluorescent Flood	
	LV	LV	MR16S - Single MR16 up to 65 watts MR16D - Dual MR16's up to 50 watts each	

EXAMPLE: **RDB 175MH 120 FLV IDL**

Use of RTL, color filters, louvers, or other accessories that block light Lowers Maximum Wattage rating. Consult catalog, web site or factory for details.

FOOTNOTES:

- 1- 50 W and 75W MV ballasts are available in 120 V or 277 V only.
- 2- Universal Electronic 120-277V 50 or 60 HZ Ballast.
- 3- Restricted use item. Consult web site or factory for details.
- 4- Aluminum Lens Retainer, Rock Guard, and Directional Shield are available with CPP - Clear or BLK- Black Polyester Powder Coat.
- 5- 100 Watt HPS ballast is available in 120 or 277 - volt only.
- 6- FLVG12 and SPVG12 Optics are designed for use with T-6 Ceramic Metal Halide lamps with G12 bases. Available in 35 and 70 watts only.

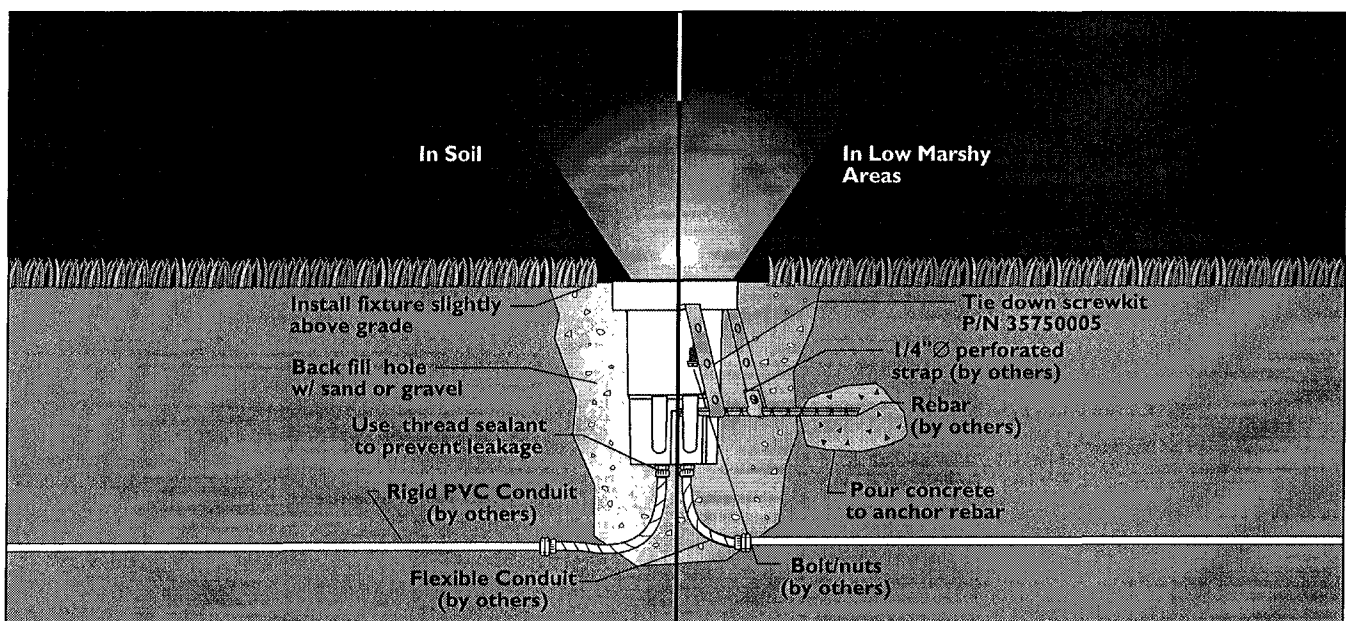
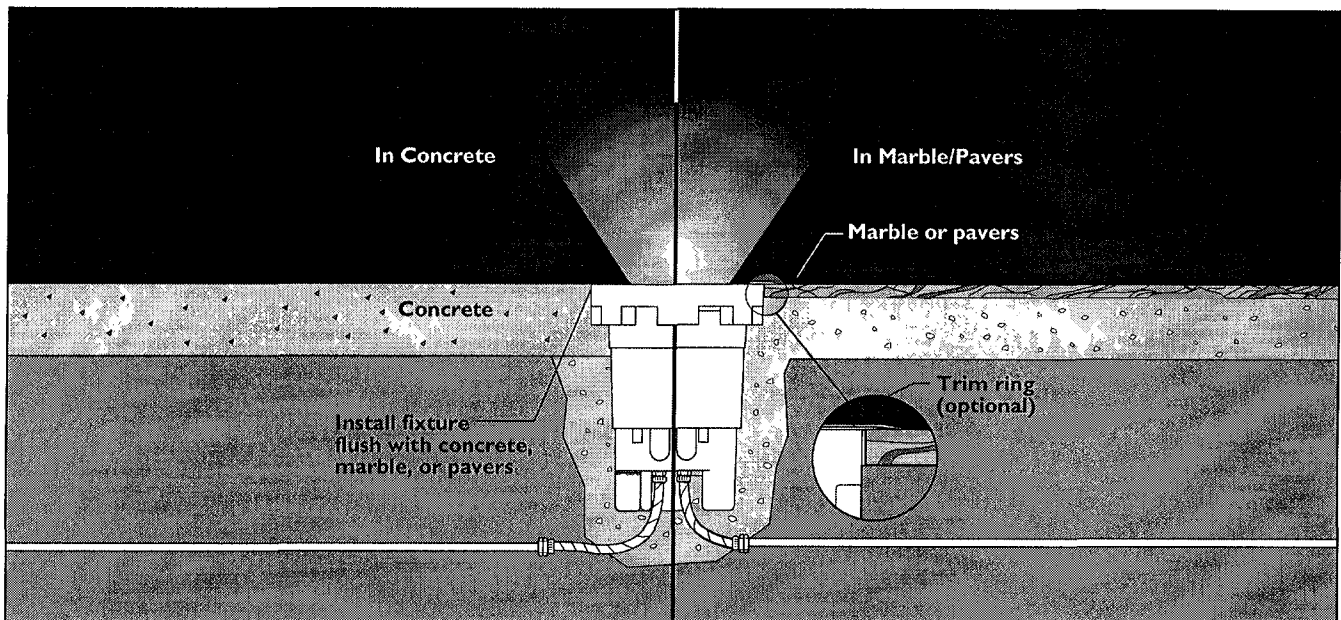


Project Name Wal-Mart Fixture Type 100
 Catalog # RDB 175 MH 120



GREENLEE RDB/RDS INSTALLATION

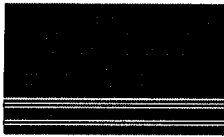
- Follow complete installation instructions packaged with each luminaire (also available on our web site)
- Use flexible PVC conduit and apply thread sealant to all conduit fittings
- Connect supply and fixture wires with silicone filled connectors (supplied)
- Seal conduit entries (around wires - from inside j-box) using mastic in Seal Pack
- Encapsulate conduit entries and wires with potting compound supplied in Seal Pack
- Install junction box cover and properly tighten all fasteners
- Install Power Pack – PPK, Access Barrier Plate, and Optics as instructed
- Clean lens gasket and gasket seating surface (fixture flange)
- Install lens, lens retainer (or replacement accessory), and fasteners
- Using an alternating torque sequence, tighten fasteners until lens frame seats against housing.



GREENBRIAR WALL SCONCE



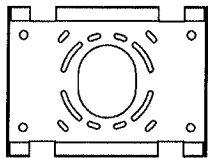
Fixtures with a flat lens meet IESNA full cut-off classification in downlight position.



GBWM



GBWS



Mounting Plate



Listed for wet locations.
(Downlight only)
Listed for damp locations.
(Uplight - covered locations only)

THE GREENBRIAR® WALL SCONCE SERIES

Reflector models are protected by U.S. Patent # 6,464,378.

The Greenbriar Wall Sconce is designed to complement the aesthetics of LSI's square and rectangular site lighting fixtures. It is available in two sizes, Small and Medium, and in HID and Compact Fluorescent (CFL) light sources. Its optical performance and efficiency establish new benchmarks for decorative wall sconce fixtures. Where strict zoning requirements are encountered, this environmentally friendly fixture offers full cut-off distribution as defined by IESNA (downlight position only). For convenience, the fixtures are lamped (HID only) and prewired, eliminating opening for installation.

SPECIFICATIONS

HOUSING

The aluminum housing is available in two sizes and is a rectangular shape. All mounting hardware is stainless steel or electro-zinc plated steel.

WALL MOUNT

A galvanized-steel wall mounting plate easily mounts directly to a 4" octagonal or square junction box. An EPDM gasket is supplied to be installed between the mounting plate and junction box, sealing the junction box from entrance of water. The galvanized steel universal plate allows the fixture to securely attach to the mounting plate, using a unique clamping design, which is locked into place with two hex head screws. The universal plate permits the fixture to be mounted in the uplighting position (listed for damp locations) or downlighting position (listed for wet locations).

DOOR FRAME

The aluminum door frame with two stainless steel captive fasteners allows easy access into the fixture. A one piece extruded silicone gasket seals the door frame against the housing. The door swings open and is held in place by a retainer.

PHOTOMETRICS

For detailed photometric data, please visit our web site at www.lsi-industries.com

LENS/GASKET

A flat clear tempered glass lens, which is sealed to the door frame with EPDM gasketing, is standard. An optional polycarbonate lens is available on most Compact Fluorescent fixtures.

REFLECTOR ASSEMBLIES

Forward Throw (FTM, FT) and Type III (3) reflectors are available. All are high performance, full cut-off distribution as defined by the IESNA (downlight position only). All photometric data is tested in accordance with IESNA guidelines.

LIGHT SOURCES

The fixture is designed to operate with Pulse-Start Metal Halide, Super Metal Halide, Super Metal Halide Reduced, Metal Halide, Metal Halide Reduced, High Pressure Sodium, and single, double or triple Compact Fluorescent lamps. HID lampholders are glazed porcelain, medium base for the Small fixture and mogul base for the Medium fixture, 4KV pulse rated. The Compact Fluorescent fixtures feature a one-piece thermoplastic socket. Lamps supplied as standard - HID (clear, shipped installed), and Compact Fluorescent (coated, 4100K).

DECAL STRIPING

LSI offers optional color-coordinated decals in 9 standard colors to accent the fixture. Decals are guaranteed for five years against peeling, cracking, or fading.

ELECTRICAL COMPONENTS

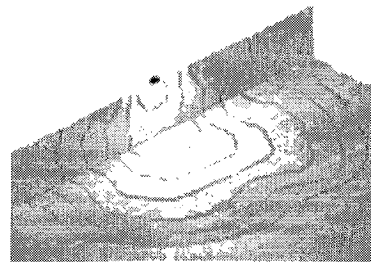
Electrical components are factory-mounted in housing and prewired with voltage specific leads which extend out the back of the unit through a rubber grommet. This grommet prevents the entry of insects, dust, and moisture into the fixture. The need to open the fixture to make wiring connections is eliminated, thus making installation quick and easy. UL listed HID components with high-power factor ballasts rated for -20°F starting. Compact Fluorescent ballasts are Electronic Universal Voltage (120-277V, 50/60Hz) or 347V (60Hz), 0°F starting. Compact Fluorescent fixtures with UE (Universal Electronic) voltage are available with an optional dimming ballast for multiple types of controls such as building lighting controls and occupancy sensors. Battery back-up is available for UE voltage only. Starting temperature is 32°F.

FINISHES

Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, white, and green.



GBWS FTM 42 CFL2



GBWM FT 320 PSMH



10000 Alliance Road ♦ Cincinnati, Ohio 45242 ♦ (513)793-3200 FAX (513)793-0147 ♦ www.lsi-industries.com

FIXTURE TYPE **11** INPUT WATTS **215**
CAT# **GBWS 3 175MH F MT BUF**

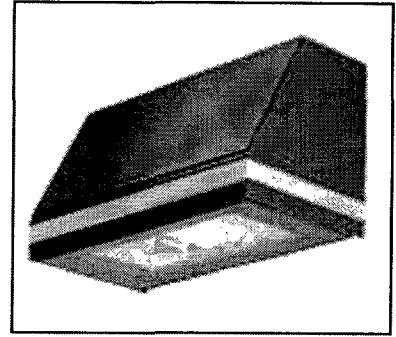


GREENBRIAR WALL SCONCE SERIES

DIMENSIONS

	A	B	C	D
Small	17-1/2"	9-5/8"	10-1/8"	5-3/8"
Medium	20"	13-7/16"	11-5/32"	8-1/2"

Universal Mounting Plate



LUMINAIRE ORDERING INFORMATION

Select appropriate choice from each column to formulate order code. Refer to example below.

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage ³	Luminaire Finish	Options
GBWS (Small)	3 - Type III FT - Forward Throw	50	MH - Metal Halide 70, 100, 150 ¹ , 175 Watt	F - Flat Clear Tempered Glass	120V 208V 240V 277V 347V	BRZ - Bronze BLK - Black WHT - White PLP - Platinum Plus BUF - Buff GRN - Green	PC1120V - Button-Type Photocell PC1208V - Button-Type Photocell PC1240V - Button-Type Photocell PC1277V - Button Type-Photocell SQ - Stand-by Quartz ⁵ TP - Tamper Proof PMA - Pole Mount Adaptor for use with square poles PMAR - Pole Mount Adaptor for use with round poles DIM - CFL Control Voltage Dimming Ballast ⁶ C - Coated MH or PSMH Lamp LL - Less Lamp BB - CFL Battery Back-up ⁷ EQ - Emergency Quartz (separate circuit - HID only) ⁵
		70 100 150 175	HPS - High Pressure Sodium 50, 70, 100, 150 Watt				
GBWM (Medium)	3 - Type III FT - Forward Throw	26	CFL - Compact Fluorescent Single 26, 32, 42 Watt	F - Flat Clear Tempered Glass	UE - Universal Electronic (120-277V 50/60Hz) 347V (60Hz) ⁴		
		32 42	CFL2 - Compact Fluorescent Double 26, 32, 42 Watt	FPC - Flat Clear Polycarbonate			
		250	PSMH - Pulse Start Metal Halide 250, 320 Watt	F - Flat Clear Tempered Glass	120V 208V 240V 277V 347V 480V		
		320 400	SMH - Super Metal Halide 250 Watt SMHR - Super Metal Halide Reduced Envelope 400 Watt MH - Metal Halide 250 Watt MHR - Metal Halide Reduced Envelope 400 Watt HPS - High Pressure Sodium 250, 400 Watt				
		26	CFL - Compact Fluorescent Single 57, 70 Watt	F - Flat Clear Tempered Glass	UE - Universal Electronic (120-277V, 50/60Hz) 347V (60Hz) ⁴		
		32 42 57 70	CFL2 - Compact Fluorescent Double 57, 70 Watt CFL3 - Compact Fluorescent Triple 26, 32, 42 Watt	FPC - Flat Clear Polycarbonate ²			

EXAMPLE OF A TYPICAL ORDER

GBWS 3 175 MH F 120V BRZ 45

- 1- Supplied with a HX-HPF transformer as standard. Also available with a 120/277/347 volt Super CWA transformer. Consult factory.
- 2- If a polycarbonate lens is required on an Uplight Medium fixture in 70 CFL2 or 42 CFL3, the glass lens with Polycarbonate Shield (CHWM PLS) accessory must be ordered.
- 3- For international voltages, consult factory.

- 4- 347V CFL is not available with dimming ballast (DIM) or battery back-up (BB) options.
- 5- Fixtures 250 Watt and below are shipped with 100 Watt quartz lamp. 320 and 400 Watt fixtures are shipped with 250 Watt quartz lamp. Available on 100 Watt minimum HID fixtures.
- 6- CFL Dimming Control by others.
- 7- Battery Back-up available on single, double and triple 26, 32 and 42 Watt units. On double and triple units, one lamp will be energized by BB.

ACCESSORY ORDERING INFORMATION

(Accessories are field installed)

Description	Order Number
FK120V - Single Fusing	FK120V ⁺
FK277V - Single Fusing	FK277V ⁺
DFK208, 240V - Double Fusing	DFK208, 240V ⁺
DFK480V - Double Fusing	DFK480V ⁺⁺
FK347V - Single Fusing	FK347V ⁺
CHWS PLS - Polycarbonate Shield for Small	172786
CHWM PLS - Polycarbonate Shield for Medium	172787
SW BLK - Surface Wiring Box	173156BLK ⁺⁺⁺
SCD - Tamper-proof Screwdriver	36449

⁺ Available on HID fixture only. ⁺⁺⁺SW BLK not compatible with PMA or PMAR option.
⁺⁺ Available on HID Medium fixture only.

FIXTURE TYPE **11** INPUT WATTS **215**

CAT# **GBWS 3 175MH F MT BUF**

HILTON® WALL SCONCE (Various reflectors are protected by U.S. Patent No. 6,464,378.)

HOUSING – The one-piece die-formed aluminum half-cylindrical housing is designed for downlight only, uplight only, and combination uplight/downlight applications. All mounting hardware is stainless steel or electro-zinc plated steel.

WALL MOUNT – A galvanized-steel universal wall mounting plate easily mounts directly to a 4" octagonal or square junction box. An EPDM gasket is supplied to be installed between the mounting plate and junction box, sealing the junction box from entrance of water. The galvanized-steel universal plate allows the fixture to securely attach to the mounting plate using a unique clamping design which is locked into place with two hex-head screws. The universal plate permits the fixture to be mounted in the uplighting or downlighting position. Downlight fixture used in uplight position is listed for damp (covered) locations.

DOOR FRAME – The aluminum pan style door frame mounts to the housing using two stainless steel, recessed and captive fasteners for easy access into the fixture. A one-piece extruded silicone gasket seals the door frame against the housing. The door swings open and is held in place by a wire retainer.

LENS/GASKET – A flat clear tempered glass downlight lens is sealed to the door with a one-piece EPDM gasket. The uplight lens utilizes a diffused tempered glass lens secured with multiple lens clips and a one-piece extruded silicone gasket. An optional polycarbonate downlight lens is available on most Compact Fluorescent fixtures.

SOCKETS – HID lamp holders are glazed porcelain, medium base for wattages up to 175 watts (except FTN and FTW distributions, which are mogul base) and mogul base for 250 watt – both are 4KV pulse rated. The Compact Fluorescent fixtures feature a one-piece thermoplastic socket.

LIGHT SOURCES – The fixture is designed to operate with horizontal Pulse-Start Metal Halide, Super Metal Halide, Metal Halide, High Pressure Sodium and single or double Compact Fluorescent lamps. Lamps supplied as standard – HID (clear, shipped installed) and Compact Fluorescent (coated, 4100K, shipped in separate carton).

BALLASTS/ELECTRICAL COMPONENTS – Electrical components are factory-mounted in housing and prewired with voltage specific leads which extend from the back of the unit through a rubber grommet. This grommet prevents the entry of insects, dust, and moisture into the fixture. The need to open the fixture to make wiring connections is eliminated, thus making installation quick and easy. UL listed HID components with high-power factor ballasts rated for -20° F starting. Compact Fluorescent ballasts are Electronic Universal Voltage (120-277V, 50/60Hz) or 347V (60Hz), 0° F starting. Compact Fluorescent fixtures with UE (Universal Electronic) voltage are available with an optional dimming ballast for multiple types of controls such as building lighting controls and occupancy sensors. Battery back-up is available for 120 or 277 voltage only. Available battery back-up is voltage specific with 32°F rated starting temperature for U.S. applications for 26 watt through 42 watt lamps. Consult factory for available wattages and voltages for use in Canada.

EMERGENCY OPERATION - A variety of integral emergency options are available to comply with Life Safety Codes which require emergency lighting along the path of egress on the building's exterior, so building occupants can exit safely. Integral Emergency Battery Back-up option is available on Compact Fluorescent units. Emergency Quartz options are offered on HID units. Options for one or two 12 volt separate circuit(s), for use with up to 35 watt Halogen lamp(s) are available on both Compact Fluorescent and HID units.

REFLECTORS/DISTRIBUTION PATTERNS – Multiple reflector systems are available to deliver a narrow, wide or wall wash pattern.

Downlight – Forward Throw (FTM, FT), Wall Wash (WW) and Type III (3) reflectors.

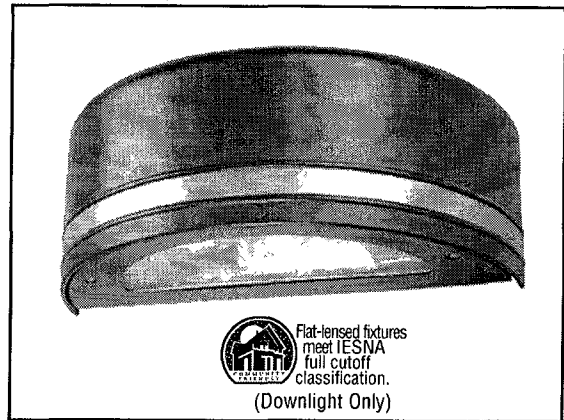
Uplight – Wall Wash (WW).

Up & Downlight Combination – Forward Throw with 10% uplight (FTM 10, FT10), Type III with 10% uplight (310), Forward Throw with narrow uplight (FTN), Forward Throw with wide uplight (FTW), Type III with narrow uplight (3N), and Type III with wide uplight (3W).

FINISHES – Each fixture is finished with LSI's DuraGrip® polyester powder finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, white, satin verde green, metallic silver, and graphite.

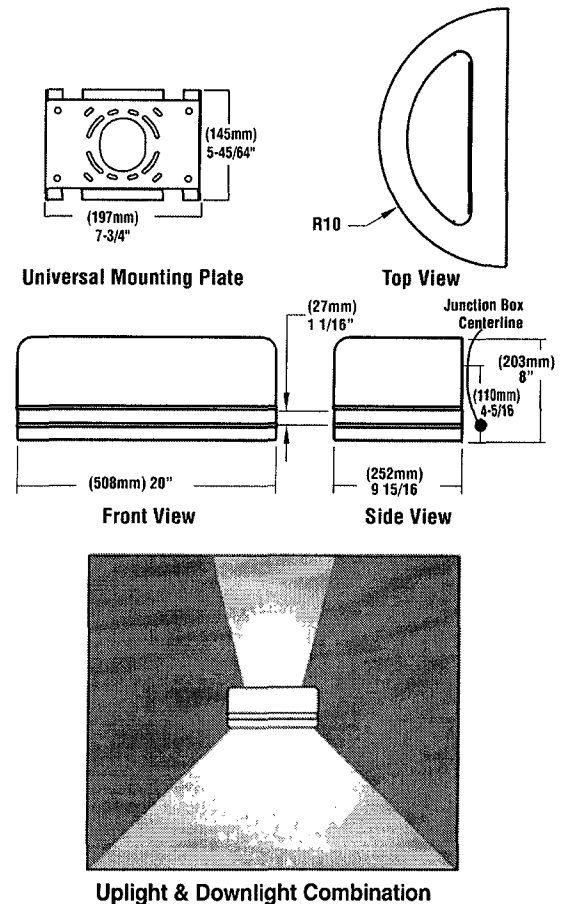
DECAL STRIPING – LSI offers optional color-coordinated decals in 9 standard colors to accent the fixture. Decals are guaranteed for 5 years against peeling, cracking or fading.

PHOTOMETRICS – Please visit our web site at www.lsi-industries.com for detailed photometric data.



Flat-lensed fixtures meet IESNA full cutoff classification. (Downlight Only)

DIMENSIONS



SHIPPING WEIGHTS - Hilton Wall Sconce

Catalog Number	Est. Weight (kg / lbs.)	Length (mm / in.)	Width (mm / in.)	Height (mm / in.)
HIWSD - HID	11 / 24	616 / 24.25	394 / 15.5	343 / 13
HIWSD - CFL	8 / 17	616 / 24.25	394 / 15.5	343 / 13
HIWSU - HID	10 / 22	616 / 24.25	394 / 15.5	343 / 13
HIWS - HID	11 / 24	616 / 24.25	394 / 15.5	343 / 13
HIWS - CFL	8 / 17	616 / 24.25	394 / 15.5	343 / 13



Downlight used in uplight position is listed for damp locations. (covered locations only)



Project Name Wal-Mart Fixture Type 11A
 Catalog # HIWSD 3 70 MH F 277 BUF

HILTON® WALL SCNCE

LUMINAIRE ORDERING INFORMATION

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage ⁶	Luminaire Finish	
HIWSD ¹ (Downlight)	3 - Type 3 Wide FT - Forward Throw WW - Wall Wash	50	PSMH - Pulse-Start Metal Halide 250 Watt	F - Flat Clear Tempered Glass	120	BRZ - Bronze BLK - Black WHT - White PLP - Platinum Plus BUF - Buff SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver	
		70	SMH - Super Metal Halide 250 Watt		208		
		100	MH - Metal Halide		240		
		150	50, 70, 100 ³ , 150, 175, 250 Watt		277		
		175	HPS - High Pressure Sodium		347		
	250 ²	50, 70, 100, 150 Watt	480				
	FTM - Forward Throw Medium	26	CFL - Compact Fluorescent	F - Flat Clear Tempered Glass	UE - Universal Electronic (120v-277v 50/60Hz)		347 (60Hz) ⁷
		32	Single 26, 32, 42, 57, 70 Watt				
		42	CFL2 - Compact Fluorescent				
		57	Double 26, 32, 42 Watt				
WW - Wall Wash	70	CFL - Compact Fluorescent	FPC - Flat Clear Polycarbonate				
		Single 26, 32, 42 Watt					
HIWSU (Uplight) Wet Location Listed	WW - Wall Wash	50	MH - Metal Halide	F - Flat Diffused Tempered Glass	120		
		70	50, 70, 100 ³ , 150, 175, Watt		208		
		100	HPS - High Pressure Sodium		240		
		150	50, 70, 100, 150 Watt		277		
		175			347		
	26	CFL - Compact Fluorescent	F - Flat Clear Tempered Glass	UE - Universal Electronic (120v-277v 50/60Hz)	347 (60Hz) ⁷		
	32	Single 26, 32, 42 Watt					
	42						
	HIWS (Uplight and Downlight Combo.)	310 - Type 3, 10% Up FT10 - Type FT, 10% Up 3N - Type 3, Narrow Up 3W - Type 3, Wide Up FTN - Forward Throw, Narrow Up FTW - Forward Throw, Wide Up	50	PSMH - Pulse-Start Metal Halide 250 Watt	F - Flat Clear Tempered Glass	120	
70			SMH - Super Metal Halide 250 Watt	208			
100			MH - Metal Halide	240			
150			50 ⁴ , 70, 100 ³ , 150, 175, 250 Watt	277			
175			HPS - High Pressure Sodium	347			
250 ²		50, 70, 100, 150 Watt	480				
FTM10 - Forward Throw Medium, 10% Up		26	CFL - Compact Fluorescent	F - Flat Clear Tempered Glass FPC - Flat Clear Polycarbonate ⁵	UE - Universal Electronic (120v-277v 50/60Hz)	347 (60Hz) ⁷	
		32	Single 26, 32, 42, 57, 70 Watt				
		42	CFL2 - Compact Fluorescent				
		57	Double 26, 32, 42 Watt				
	70						

HIWS 310 175 MH F 120 BRZ 45

EXAMPLE OF A TYPICAL ORDER

Options

PCI120 - Button-Type Photocell
 PCI208 - Button-Type Photocell
 PCI240 - Button-Type Photocell
 PCI277 - Button-Type Photocell
 PCI347 - Button-Type Photocell
 TP - Tamper Proof⁸
 PMA - Pole Mount Adaptor for use with square poles
 (for S or D180 mounting configurations only)
 PMAR - Pole Mount Adaptor for use with round poles
 (for S or D180 mounting configurations only)
 DIM - CFL Control Voltage Dimming Ballast⁹
 C - Coated MH or PSMH Lamp
 SQT - Standby Quartz (Time Delay)¹⁰
 SQN - Standby Quartz (Non-Time Delay)¹⁰
 EQ - Emergency Quartz
 (separate 120V circuit - HID only)¹⁰
 EQ2 - Two Emergency Quartz
 (2 separate 120V circuits - HID only)¹¹
 BB - CFL Battery Back-up¹²
 EM1 - One Emergency 12V Circuit Provision
 with 35 Watt Halogen Lamp¹³
 EM1LL - One Emergency 12V Circuit
 Provision - Less Halogen Lamp¹³
 EM2 - Two Emergency 12V Circuit Provisions
 with (2) 35 Watt Halogen Lamps¹³
 EM2LL - Two Emergency 12V Circuit
 Provisions - Less Halogen Lamps¹³
 LL - Less Lamp

Color Decals

45 - Light Gold
Metallic
 20 - Charcoal
Metallic
 94 - Blue Metallic
 59 - Dark Green
 21 - Tomato Red
 55 - Black
 50 - White
 51 - Dark Red
 700 - Aztec Silver
 Metallic

- FOOTNOTES:**
- Listed for wet locations (Downlight Only) Listed for damp locations if used for uplight (in covered locations only).
 - 250 watt available with Forward Throw or Forward Throw Combo distribution only.
 - Supplied with an HX-HPF transformer as standard. Also available with a 120/277 volt CWA transformer. Consult factory.
 - 50MH not available in FTN or FTW distributions.
 - FPC lens available on Downlight feature only.
 - For international voltages, consult factory.
 - 347 volt CFL is not available with dimming ballast (DIM) option. Consult factory for battery back-up (BB) option.
 - Tamper-proof Screwdriver must be ordered separately. See Accessories.
 - CFL Dimming Control by others.
 - HID lamp wattages 50 and 70 are supplied with a 50 watt, 120V quartz lamp. HID lamp wattages 100 through 250 are supplied with a 100 watt, 120V quartz lamp.
 - Available on 100 watt minimum HID fixtures. HID lamp wattages 100 through 175 are supplied with two 50 watt, 120V quartz lamps. 250 watt HID fixtures are supplied with two 100 watt, 120V quartz lamps.
 - Battery Back-up available on single and double 120 or 277 voltage specific units with 26 through 42 watt lamps for U.S. applications. Please change Line Voltage of UE to 120 or 277 when ordering this option. On double units, one lamp will be energized by battery back-up (BB) option. Consult factory for specific Means of Egress job application compliance.
 - Utilizes GY6.35 socket(s). 12 volt separate circuit(s) required.

ACCESSORY ORDERING INFORMATION (Accessories are field installed)	
Description	Order Number
FK120 - Single Fusing	FK120 ⁺
FK277 - Single Fusing	FK277 ⁺
DFK208, 240 - Double Fusing	DFK208, 240 ⁺
FK347 - Single Fusing	FK347 ⁺
DFK480 - Double Fusing	DFK480 ⁺
Description	Order Number
PLS - Polycarbonate Shield	205254 ⁺⁺
SW - Surface Wiring Box	173156BLK
SCD - Tamper-proof Screwdriver	36449

⁺ Available on HID fixture only. Fusing to be installed in a compatible junction box supplied by contractor.
⁺⁺ Available on downlight feature only.



Project Name Wal-Mart Fixture Type 11A
 Catalog # HIWSD 3 70 MH F 277 BUF

HILTON® WALL SCONCE (Various reflectors are protected by U.S. Patent No. 6,464,378.)

HOUSING – The one-piece die-formed aluminum half-cylindrical housing is designed for downlight only, uplight only, and combination uplight/downlight applications. All mounting hardware is stainless steel or electro-zinc plated steel.

WALL MOUNT – A galvanized-steel universal wall mounting plate easily mounts directly to a 4" octagonal or square junction box. An EPDM gasket is supplied to be installed between the mounting plate and junction box, sealing the junction box from entrance of water. The galvanized-steel universal plate allows the fixture to securely attach to the mounting plate using a unique clamping design which is locked into place with two hex-head screws. The universal plate permits the fixture to be mounted in the uplighting or downlighting position. Downlight fixture used in uplight position is listed for damp (covered) locations.

DOOR FRAME – The aluminum pan style door frame mounts to the housing using two stainless steel, recessed and captive fasteners for easy access into the fixture. A one-piece extruded silicone gasket seals the door frame against the housing. The door swings open and is held in place by a wire retainer.

LENS/GASKET – A flat clear tempered glass downlight lens is sealed to the door with a one-piece EPDM gasket. The uplight lens utilizes a diffused tempered glass lens secured with multiple lens clips and a one-piece extruded silicone gasket. An optional polycarbonate downlight lens is available on most Compact Fluorescent fixtures.

SOCKETS – HID lamp holders are glazed porcelain, medium base for wattages up to 175 watts (except FTN and FTW distributions, which are mogul base) and mogul base for 250 watt – both are 4KV pulse rated. The Compact Fluorescent fixtures feature a one-piece thermoplastic socket.

LIGHT SOURCES – The fixture is designed to operate with horizontal Pulse-Start Metal Halide, Super Metal Halide, Metal Halide, High Pressure Sodium and single or double Compact Fluorescent lamps. Lamps supplied as standard – HID (clear, shipped installed) and Compact Fluorescent (coated, 4100K, shipped in separate carton).

BALLASTS/ELECTRICAL COMPONENTS – Electrical components are factory-mounted in housing and prewired with voltage specific leads which extend from the back of the unit through a rubber grommet. This grommet prevents the entry of insects, dust, and moisture into the fixture. The need to open the fixture to make wiring connections is eliminated, thus making installation quick and easy. UL listed HID components with high-power factor ballasts rated for -20° F starting. Compact Fluorescent ballasts are Electronic Universal Voltage (120-277V, 50/60Hz) or 347V (60Hz), 0° F starting. Compact Fluorescent fixtures with UE (Universal Electronic) voltage are available with an optional dimming ballast for multiple types of controls such as building lighting controls and occupancy sensors. Battery back-up is available for 120 or 277 voltage only. Available battery back-up is voltage specific with 32° F rated starting temperature for U.S. applications for 26 watt through 42 watt lamps. Consult factory for available wattages and voltages for use in Canada.

EMERGENCY OPERATION - A variety of integral emergency options are available to comply with Life Safety Codes which require emergency lighting along the path of egress on the building's exterior, so building occupants can exit safely. Integral Emergency Battery Back-up option is available on Compact Fluorescent units. Emergency Quartz options are offered on HID units. Options for one or two 12 volt separate circuit(s), for use with up to 35 watt Halogen lamp(s) are available on both Compact Fluorescent and HID units.

REFLECTORS/DISTRIBUTION PATTERNS – Multiple reflector systems are available to deliver a narrow, wide or wall wash pattern.

Downlight – Forward Throw (FTM, FT), Wall Wash (WW) and Type III (3) reflectors.

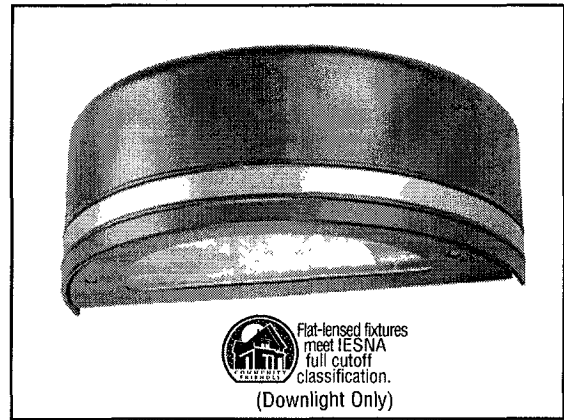
Uplight – Wall Wash (WW).

Up & Downlight Combination – Forward Throw with 10% uplight (FTM 10, FT10), Type III with 10% uplight (310), Forward Throw with narrow uplight (FTN), Forward Throw with wide uplight (FTW), Type III with narrow uplight (3N), and Type III with wide uplight (3W).

FINISHES – Each fixture is finished with LSI's DuraGrip® polyester powder finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, white, satin verde green, metallic silver, and graphite.

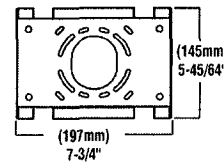
DECAL STRIPING – LSI offers optional color-coordinated decals in 9 standard colors to accent the fixture. Decals are guaranteed for 5 years against peeling, cracking or fading.

PHOTOMETRICS – Please visit our web site at www.lsi-industries.com for detailed photometric data.

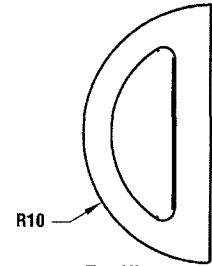


Flat-lensed fixtures meet IESNA full cutoff classification. (Downlight Only)

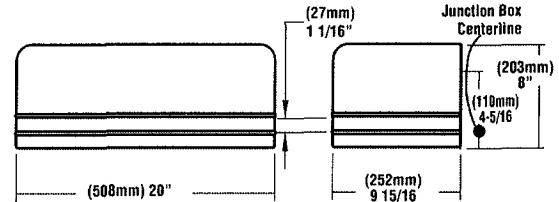
DIMENSIONS



Universal Mounting Plate

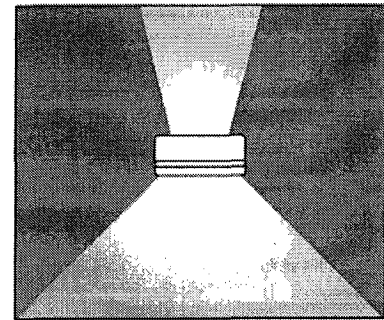


Top View



Front View

Side View



Uplight & Downlight Combination

SHIPPING WEIGHTS - Hilton Wall Sconce

Catalog Number	Est. Weight (kg / lbs.)	Length (mm / in.)	Width (mm / in.)	Height (mm / in.)
HIWSD - HID	11 / 24	616 / 24.25	394 / 15.5	343 / 13
HIWSD - CFL	8 / 17	616 / 24.25	394 / 15.5	343 / 13
HIWSU - HID	10 / 22	616 / 24.25	394 / 15.5	343 / 13
HIWS - HID	11 / 24	616 / 24.25	394 / 15.5	343 / 13
HIWS - CFL	8 / 17	616 / 24.25	394 / 15.5	343 / 13



Downlight used in uplight position is listed for damp locations. (covered locations only)



Project Name Wal-Mart Fixture Type 11B
 Catalog # HIWSU WW 70 MH F 277 BUF

HILTON® WALL SCNCE

LUMINAIRE ORDERING INFORMATION

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage ⁶	Luminaire Finish	
HIWSD ¹ (Downlight)	3 - Type 3 Wide FT - Forward Throw WW - Wall Wash	50	PSMH - Pulse-Start Metal Halide 250 Watt	F - Flat Clear Tempered Glass	120	BRZ - Bronze BLK - Black WHT - White PLP - Platinum Plus BUF - Buff SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver	
		70	SMH - Super Metal Halide 250 Watt		208		
		100	MH - Metal Halide		240		
		150	50, 70, 100 ³ , 150, 175, 250 Watt		277		
		175	HPS - High Pressure Sodium		347		
	250 ²	50, 70, 100, 150 Watt	480				
	FTM - Forward Throw Medium	26	CFL - Compact Fluorescent Single 26, 32, 42, 57, 70 Watt	F - Flat Clear Tempered Glass	UE - Universal Electronic (120v-277v 50/60Hz)		347 (60Hz) ⁷
		32	CFL2 - Compact Fluorescent Double 26, 32, 42 Watt	FPC - Flat Clear Polycarbonate			
		42	CFL - Compact Fluorescent Single 26, 32, 42 Watt				
	WW - Wall Wash	70	CFL - Compact Fluorescent Single 26, 32, 42 Watt				
50		MH - Metal Halide	F - Flat Diffused Tempered Glass	120 208 240 277 347 480			
HIWSU (Uplight) Wet Location Listed	70	50, 70, 100 ³ , 150, 175, Watt					
	100	HPS - High Pressure Sodium					
	150	50, 70, 100, 150 Watt					
	175						
26	CFL - Compact Fluorescent Single 26, 32, 42 Watt		UE - Universal Electronic (120v-277v 50/60Hz) 347 (60Hz) ⁷				
HIWS (Uplight and Downlight Combo.)	310 - Type 3, 10% Up FT10 - Type FT, 10% Up 3N - Type 3, Narrow Up 3W - Type 3, Wide Up FTN - Forward Throw, Narrow Up FTW - Forward Throw, Wide Up	50	PSMH - Pulse-Start Metal Halide 250 Watt	F - Flat Clear Tempered Glass	120		
		70	SMH - Super Metal Halide 250 Watt		208		
		100	MH - Metal Halide		240		
		150	50 ⁴ , 70, 100 ³ , 150, 175, 250 Watt		277		
		175	HPS - High Pressure Sodium		347		
	250 ²	50, 70, 100, 150 Watt	480				
	FTM10 - Forward Throw Medium, 10% Up	26	CFL - Compact Fluorescent Single 26, 32, 42, 57, 70 Watt	F - Flat Clear Tempered Glass	UE - Universal Electronic (120v-277v 50/60Hz)	347 (60Hz) ⁷	
		32	CFL2 - Compact Fluorescent Double 26, 32, 42 Watt	FPC - Flat Clear Polycarbonate ⁵			
		42	CFL - Compact Fluorescent Single 26, 32, 42 Watt				
		57					
70							

HIWS 310 175 MH F 120 BRZ 45

EXAMPLE OF A TYPICAL ORDER

Options
PCI120 - Button-Type Photocell
PCI208 - Button-Type Photocell
PCI240 - Button-Type Photocell
PCI277 - Button-Type Photocell
PCI347 - Button-Type Photocell
TP - Tamper Proof ⁸
PMA - Pole Mount Adaptor for use with square poles (for S or D180 mounting configurations only)
PMAR - Pole Mount Adaptor for use with round poles (for S or D180 mounting configurations only)
DIM - CFL Control Voltage Dimming Ballast ⁹
C - Coated MH or PSMH Lamp
SQT - Standby Quartz (Time Delay) ¹⁰
SNQ - Standby Quartz (Non-Time Delay) ¹⁰
EQ - Emergency Quartz (separate 120V circuit - HID only) ¹⁰
EQ2 - Two Emergency Quartz (2 separate 120V circuits - HID only) ¹¹
BB - CFL Battery Back-up ¹²
EM1 - One Emergency 12V Circuit Provision with 35 Watt Halogen Lamp ¹³
EM1LL - One Emergency 12V Circuit Provision - Less Halogen Lamp ¹³
EM2 - Two Emergency 12V Circuit Provisions with (2) 35 Watt Halogen Lamps ¹³
EM2LL - Two Emergency 12V Circuit Provisions - Less Halogen Lamps ¹³
LL - Less Lamp

Color Decals
45 - Light Gold Metallic
20 - Charcoal Metallic
94 - Blue Metallic
59 - Dark Green
21 - Tomato Red
55 - Black
50 - White
51 - Dark Red
700 - Aztec Silver Metallic

- FOOTNOTES:**
- Listed for wet locations (Downlight Only) Listed for damp locations if used for uplight (in covered locations only).
 - 250 watt available with Forward Throw or Forward Throw Combo distribution only.
 - Supplied with an HX-HPF transformer as standard. Also available with a 120/277 volt CWA transformer. Consult factory.
 - 50MH not available in FTN or FTW distributions.
 - FPC lens available on Downlight feature only.
 - For international voltages, consult factory.
 - 347 volt CFL is not available with dimming ballast (DIM) option. Consult factory for battery back-up (BB) option.
 - Tamper-proof Screwdriver must be ordered separately. See Accessories.
 - CFL Dimming Control by others.
 - HID lamp wattages 50 and 70 are supplied with a 50 watt, 120V quartz lamp. HID lamp wattages 100 through 250 are supplied with a 100 watt, 120V quartz lamp.
 - Available on 100 watt minimum HID fixtures. HID lamp wattages 100 through 175 are supplied with two 50 watt, 120V quartz lamps. 250 watt HID fixtures are supplied with two 100 watt, 120V quartz lamps.
 - Battery Back-up available on single and double 120 or 277 voltage specific units with 26 through 42 watt lamps for U.S. applications. Please change Line Voltage of UE to 120 or 277 when ordering this option. On double units, one lamp will be energized by battery back-up (BB) option. Consult factory for specific Means of Egress job application compliance.
 - Utilizes GY6.35 socket(s). 12 volt separate circuit(s) required.

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number	Description	Order Number
FK120 - Single Fusing	FK120+	PLS - Polycarbonate Shield	205254**
FK277 - Single Fusing	FK277+	SW - Surface Wiring Box	173156BLK
DFK208, 240 - Double Fusing	DFK208, 240+	SCD - Tamper-proof Screwdriver	36449
FK347 - Single Fusing	FK347+		
DFK480 - Double Fusing	DFK480+		

* Available on HID fixture only. Fusing to be installed in a compatible junction box supplied by contractor.
** Available on downlight feature only.



Project Name Wal-Mart Fixture Type 11B
 Catalog # HIWSU WW 70 MH F 277 BUF

STEEL EMERGENCY UNIT

ZE

HOUSING

- New York City and City of Chicago Approved
- 20 ga. steel Housing
- Large Wattage Capacity

ILLUMINATION

- Fully Adjustable Heads with up to (4) per Fixture

BATTERY

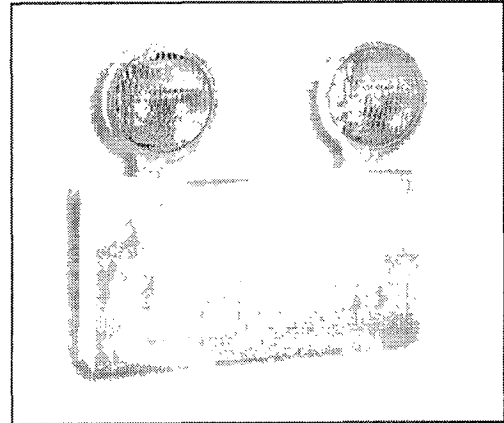
- 6 Volt Lead Acid Battery Standard
- Lead Acid Batteries can provide up to 10 years of Life at 65° F through 85° F
- Wattage Capacity up to 150 Watts

ELECTRONICS

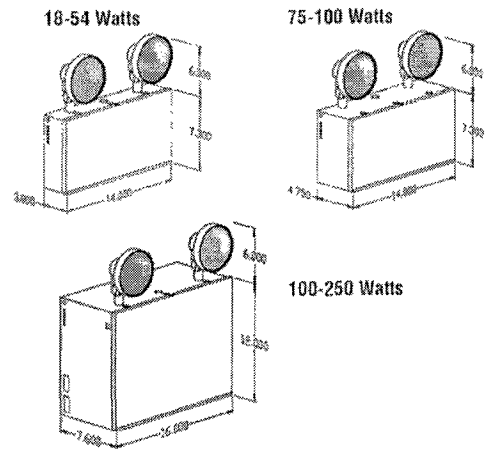
- Low voltage Disconnect
- AC Lockout
- Brown-out Protection
- 120-277 Volt Rated
- SD2 Option Available
- 220 Volt 50Hz Units Available

CODE CONFORMANCE & STANDARDS

- UL 924 N.E.C, OSHA, N.F.P.A. 101
- ETL Listed



DIMENSIONS



ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **ZE 6 18 2 TRW3 WH SD2**

Prefix	Voltage	Battery Watts	Battery Type	# of Heads	Lamp Heads	Housing Color	Options
ZE	6	18	BLANK - Lead Acid	LH - Less Heads 1 - 1 Head 2 - 2 Heads 3 - 3 Heads 4 - 4 Heads	TRW2 - 6 VOLT - 7.2 Watt Wedge Base	WH - White Housing & Heads	SD2-Self Test / Self Diagnostics SD2A-Self Test / Self Diagnostics / Audible Alarm VM - Volt Meter AM - Ammeter TD12 - Time Delay 120 Volt TD27 - Time Delay 277 Volt C3 - 3 Foot Cord C6 - 6 Foot Cord WG-Wire Guard (See Chart)
		27			TRW3 - 6 VOLT - 9.0 Watt Wedge Base		
		36			TSW9- 6 VOLT - 8 Watt Halogen		
	12	54			TRW4- 12 VOLT-9 Watt Wedge Base	BK - Black Housing & Heads	
		54	TRW5- 12 VOLT-12.5 Watt Wedge Base				
		72	TRW6-12 VOLT -17.9 Watt Wedge Base				
		100	TSW11- 12 VOLT -8 Watt Halogen PAR 36				
		125			TSW12 -12 VOLT - 12 Watt Halogen PAR 36		
		150					

12/16/08

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Project Name Wal-Mart Fixture Type 27
Catalog # W/M ZE 6 27 LH/2-NP11/2XG TYP27

