

KIRLIN

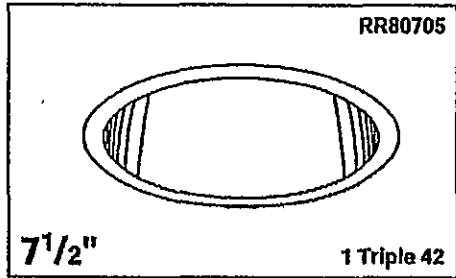
RECESSED ROUND: TRIPLE TUBE AMALGAM 42 WATT COMPACT FLUORESCENT RR80705

Shallow Plenum Open Downlight

Features

- Lamp**
- Designed for: 1 horizontal Triple Tube Amalgam 42 watt, 4 pin GX24q-4 base.
 - 90% lumen output maintained at ballast minimum operating temperature.
 - Flicker-free starting, high light output, excellent color rendering (82 CRI).
 - Long 10,000 hour life.
 - High efficiency with low operating costs.
 - See Option -43 for lower wattage.
- Ballast**
- Regulating electronic high power factor, thermally protected, enclosed.
 - Cold weather: -18°C to -20°C (0°F to -5°F).
 - Built-in RFI filter. THD is less than 10%.
 - 120 volt standard and see optional voltages.
 - See Option -39 for dimming availability and restrictions.
 - Visible and easily serviced in all ceilings.
- Fuse**
- Available as Option -FS.
- Reflector**
- Self-flanged low visibility specular Alzak® aluminum.
 - Optional SoftTex softly etched Clear, Dune, Champagne Gold or Wheat also available.
 - Optional OptiGroove assembly available.

- Housing**
- Acrylic enameled aluminum.
 - Cool: Dissipates heat across entire surface area. Ventilated.
 - Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
 - Entire luminaire serviced through removable reflector.
 - Prewired outlet box; 14GA (NEC) galvanized steel. UL listed. Accessible through fixture opening.
 - Built-in plaster frame.
 - 27" hanger bars supplied (2).
 - Fully adjustable universal mounting brackets supplied (2).
 - Reflector and socket bracket adjust as unit for ease of installation.
 - Recesses indoor or outdoor in covered locations.
- UL, C-UL (Canada) Listings**
- Wet, damp or dry locations, covered ceilings.
 - Through-branch circuit conductors (6 #12).
- Three Year Limited Warranty**
- Complete standard fixture.

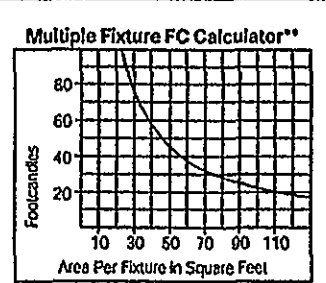
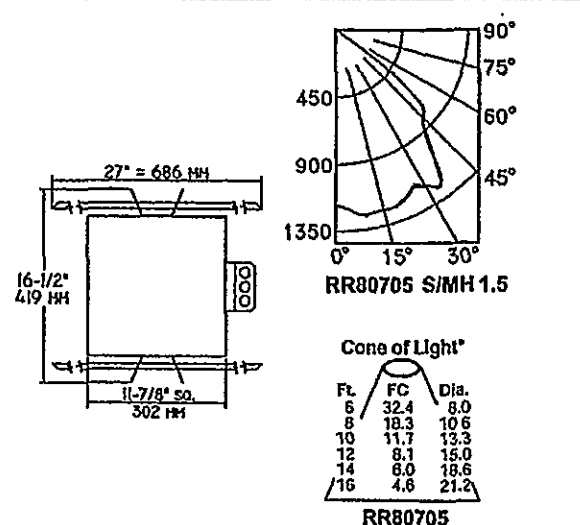
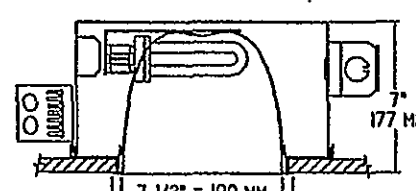


75% Efficiency
Cold Weather Electronic Ballast Standard

SoftTex
Clear, Dune, Champagne Gold or Wheat Reflector Finishes Available

Performance at a Glance

RR80705



Cone of Light Key
FL Distance from fixture
FC Footcandle (average)
Dm. Circle of light at 50% of FC
Note: All FC values are based on a 100% beam spread. For other beam spreads, multiply the FC value by the appropriate factor. For example, for a 60% beam spread, multiply the FC value by 0.36.

THE KIRLIN COMPANY

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SECOND CENTURY SERIES TRIPLE TUBE COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 42

CATALOG NUMBER

RR80705

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

SHIELDED WALLPAK NRG-31X SERIES COMPACT

APPLICATIONS

- Designed to reduce or eliminate lamp brightness for applications with mounting heights of 6 to 12 feet.

SPECIFICATIONS

- Lens is clear polycarbonate with recessed philips-drive stainless screws.
- Cast aluminum housing with powder coat protective finish.
- Mounts over recessed J-box by others.
- Spectator reflector projects lumens out and down.
- Light trespass inhibitor allows additional field installed shielding.
- 50-70 watt HPS 120/277 volt, 50 watt MH 120/277 volt; lamp included.
- Dark bronze powder paint finish.

LISTINGS

- CSA certified to UL 1598 for wet locations.



ORDERING INFORMATION

ORDERING EXAMPLE

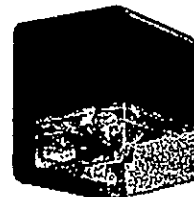
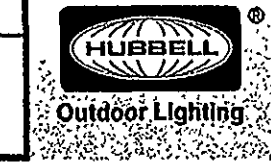
Series	Family	Size	Wattage	Source	Ballast	Weight
NRG-311	NRG	31	50	S	High Pressure Sodium	lbs. kg
NRG-317	NRG	31	70	S	High Pressure Sodium	lbs. kg
NRG-315	NRG	31	50	S	Metal Halide	lbs. kg
NRG-317	NRG	31	70	S	Metal Halide	lbs. kg

NOTE: All units have dark bronze powder paint finish, 120/277 dual voltage ballasts, and include medium base lamp.
NOTE: No options or accessories available.

PHOTOMETRIC REPORTS

Catalog Number	Report #
NRG-315	HP07166.IES
NRG-317	HP07167.IES

HUBBELL OUTDOOR LIGHTING



Series	Family	Size	Wattage	Source	Ballast	Weight
NRG-311	NRG	31	50	S	High Pressure Sodium	lbs. kg
NRG-317	NRG	31	70	S	High Pressure Sodium	lbs. kg
NRG-315	NRG	31	50	S	Metal Halide	lbs. kg
NRG-317	NRG	31	70	S	Metal Halide	lbs. kg



FEATURES & SPECIFICATIONS

INTENDED USE — Streets, walkways, parking lots and surrounding areas.
CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing with nominal wall thickness of 1/8". Die-cast door frame has impact-resistant, tempered, glass lens (3/16" thick). Door frame is fully gasketed with one-piece tubular silicone and has tool-less entry and resealing. U.S. Patent No. 5,447,595. Canada Patent No. 9,932,4.

FINISH — Standard finish is dark bronze polyester powder finish. Additional architectural colors are available; see www.lithonia.com/architects.
OPTICAL SYSTEM — Anodized segmented reflectors for superior uniformity and control. Reflectors attach with tool-less fasteners and are rotatable and interchangeable. Five full cutoff distributions available: Type II (roadway), Type III (symmetrical), Type IV (forward throw), Type IV (wide, forward throw) and Type V (symmetrical square).

ELECTRICAL SYSTEM — Ballast: Constant-wattage autotransformer ballast standard. Super CWA pulse-start ballast required 200W, 320W and 350W (SCWA optional). Ballast is copper-wound and 100% factory-tested. All ballasts are mounted on a removable power tray with tool-less latch and have positive locking disconnect plugs.
Socket: Porcelain, horizontally-mounted, mogul-base socket with copper alloy, nickel-plated screw shell and center contact.

INSTALLATION — Integral arm for pole or wall mounting. Optional mountings available.
LISTING — UL Listed (standard). CSA Certified (see Option). UL listed for 25°C ambient and wet locations.
NOTE: Specifications subject to change without notice.

ORDERING INFORMATION

For shortest lead times, configure product using standard options (shown in bold).

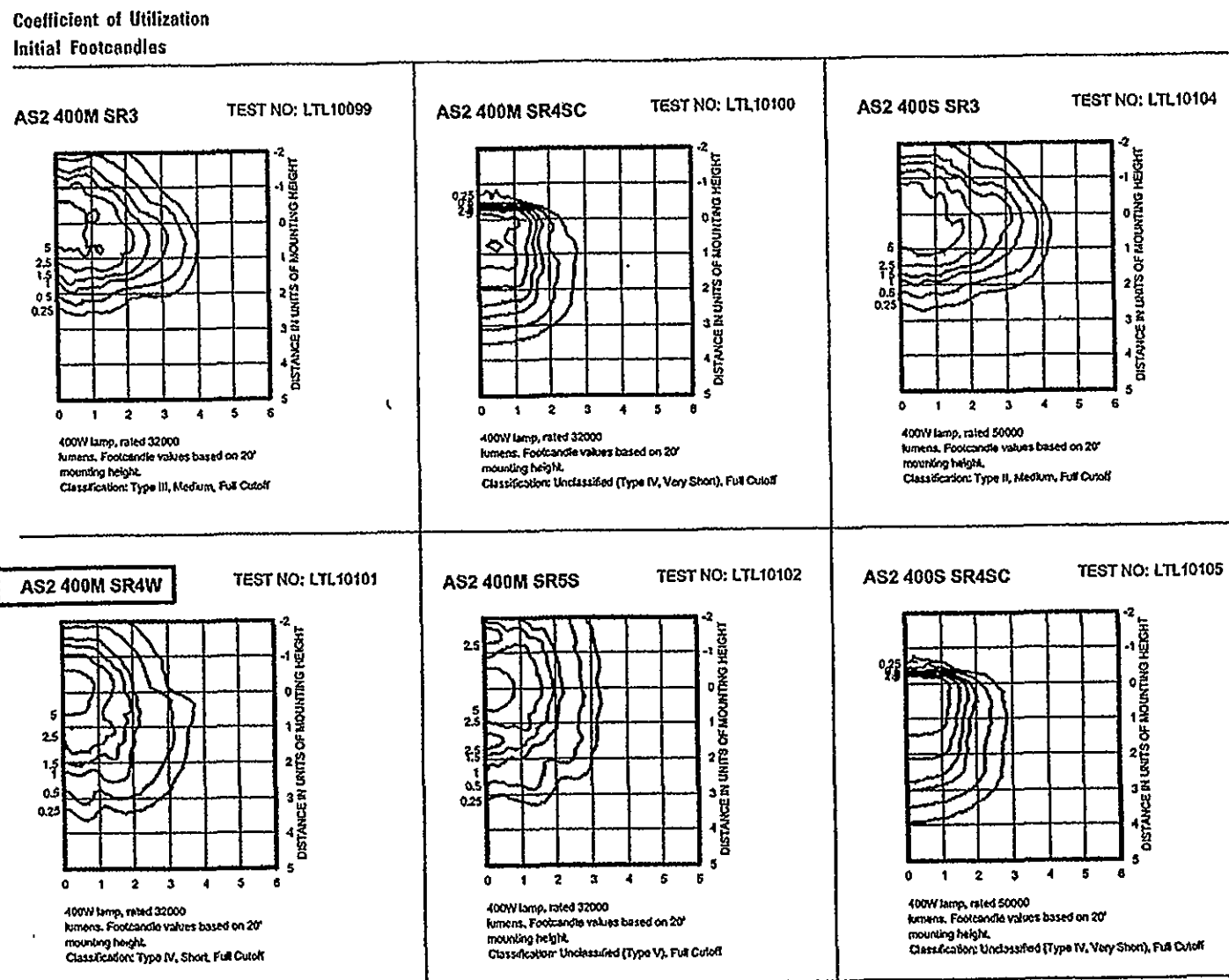
Example: AS2 250M SR3 TB SPA LPI

AS2	Wattage	Voltage	Mounting	Ballast	Options	Finish*	Lamp*
AS2	250M	120	SPA Square pole mounting	(blank) Magnetic ballast	Shaded, installed in fixture	(blank) Dark bronze	LPI Lamp in-ducted lamp
AS2	250M	200	RPA Round pole mounting	CWI Constant wattage isolated	SC Single lens 120, 277, 347V	DBL Black	OGG Chacost SP7
AS2	250M	277	VSA Wall bracket top or down	SCSW Super CWA pulse start ballast	EC Emergency circuit	DMB Medium bronze	DNA Natural aluminum
AS2	250M	480V	ASANA Mast arm adaptor	CRS Quartz resistive system	IS Reversible shield (SR2, SR3, SR4)	TP Tamperproof	CS Corrosion resistance
AS2	250M	480V	DSAS Decorative straight arm, square pole only	IS Reversible shield (SR2, SR3, SR4)	TP Tamperproof	CS Corrosion resistance	
AS2	250M	480V	DSAS Decorative straight arm, round pole only	IS Reversible shield (SR2, SR3, SR4)	TP Tamperproof	CS Corrosion resistance	
AS2	250M	480V	DSAS Decorative curved arm, square pole only	IS Reversible shield (SR2, SR3, SR4)	TP Tamperproof	CS Corrosion resistance	
AS2	250M	480V	DSAS Decorative curved arm, round pole only	IS Reversible shield (SR2, SR3, SR4)	TP Tamperproof	CS Corrosion resistance	

Accessories: Pole Mounting Shifter

Accessories	Part Number	Description
SC	SC-1	Single lens 120, 277, 347V
DBL	DBL-1	Double lens 200, 240, 480V
EC	EC-1	Emergency circuit
IS	IS-1	Quartz resistive system
TP	TP-1	Tamperproof
CS	CS-1	Corrosion resistance
SCSW	SCSW-1	Super CWA pulse start ballast
CRS	CRS-1	Quartz resistive system
IS	IS-1	Reversible shield (SR2, SR3, SR4)
TP	TP-1	Tamperproof
CS	CS-1	Corrosion resistance
SC	SC-1	Single lens 120, 277, 347V

AS2 Metal Halide, High Pressure Sodium Area Lighting

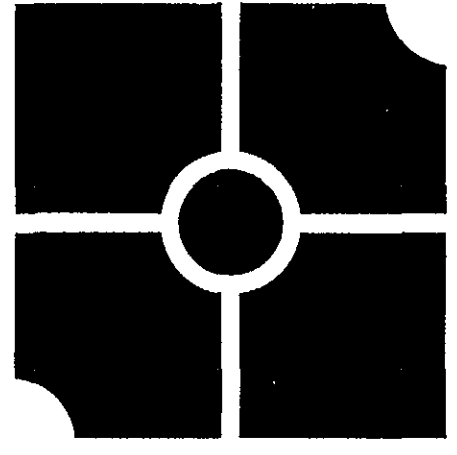


- NOTES:**
- Photometric data for other distributions can be accessed at www.lithonia.com.
 - For electrical characteristics consult technical data file.
 - Tested to current IESNA and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory and actual field measurements. Dimensions and specifications are based on the most current data and are subject to change.



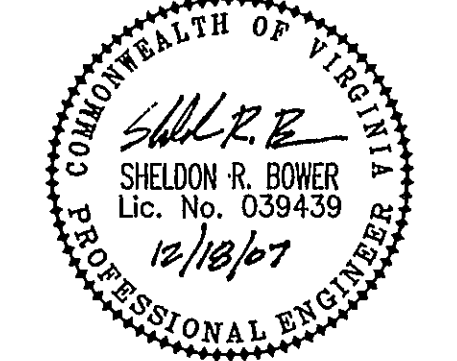
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Valley Bank - Crystal Springs
Prepared for Rife & Wood Architects
Situate at 2101 Crystal Spring Avenue S.W.
Roanoke, Virginia

REVISIONS:

Revision	Comments	Date
1	Revisions per Roanoke City comments	November 15, 2007
2	Revisions per Roanoke City comments	December 18, 2007

DESIGNED BY: SRB
DRAWN BY: AAS
CHECKED BY: SRB
SCALE: 1" = 10'
DATE: October 3, 2007

SHEET TITLE:

Lighting Plan

C07
07 OF 07
PROJECT NUMBER:
07-0280-01