

# Weber County Design Review Application

Application submittals will be accepted by appointment only. (801) 399-8791. 2380 Washington Blvd. Suite 240, Ogden, UT 84401

Date Submitted / Completed 7-8-2011	Fees (Office Use) \$100	Receipt Number (Office Use) 21024	File Number (Office Use) DR2011-9
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## Property Owner Contact Information

Name of Property Owner(s) SNOWBASIN RESORT COMPANY		Mailing Address of Property Owner(s) PO Box 460 Huntsville, UT 84317	
Phone 801-620-1000	Fax 801-620-1314		
Email Address KLyons@snowbasin.com		Preferred Method of Written Correspondence <input type="checkbox"/> Email <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Mail	

## Authorized Representative Contact Information

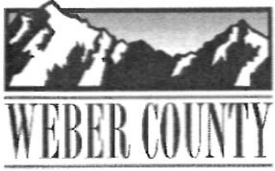
Name of Person Authorized to Represent the Property Owner(s) Kent Lyons		Mailing Address of Authorized Person PO Box 460 Huntsville, UT 84317	
Phone 801-620-1030	Fax 801-620-1314		
Email Address KLyons@snowbasin.com		Preferred Method of Written Correspondence <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Mail	

## Property Information

Project Name PARKING LOT LIGHTS	Current Zoning DRR-1
Approximate Address 3925 E. Snowbasin Road Huntsville, UT	Land Serial Number(s) 20-043-0005

Proposed Use  
ADD PARKING LOT LIGHTS TO LEVEL A OF PARKING LOT #1

Project Narrative



# Weber County Public Works Department Official Receipt

**Receipt Date** 08-JUL-11

01:44:53 PM

**Description** DESIGN REVIEW FEE

**From Client** SNOWBASIN C/O KENT LYONS

CHECK 100

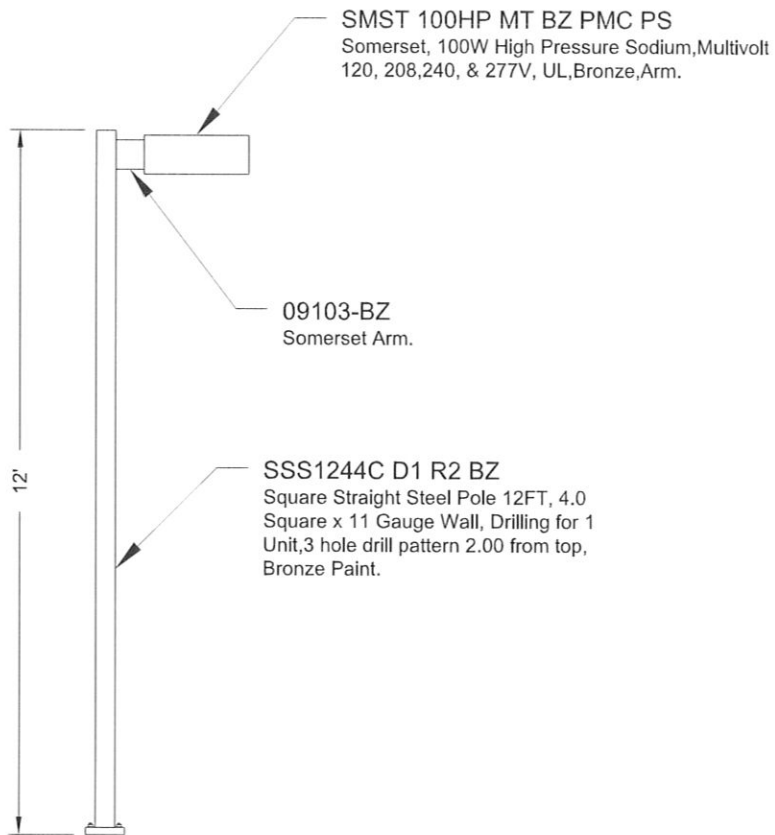
**Total Received:** 100

**Empl Id / Receipt Nbr:** DK - 21024

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Signature

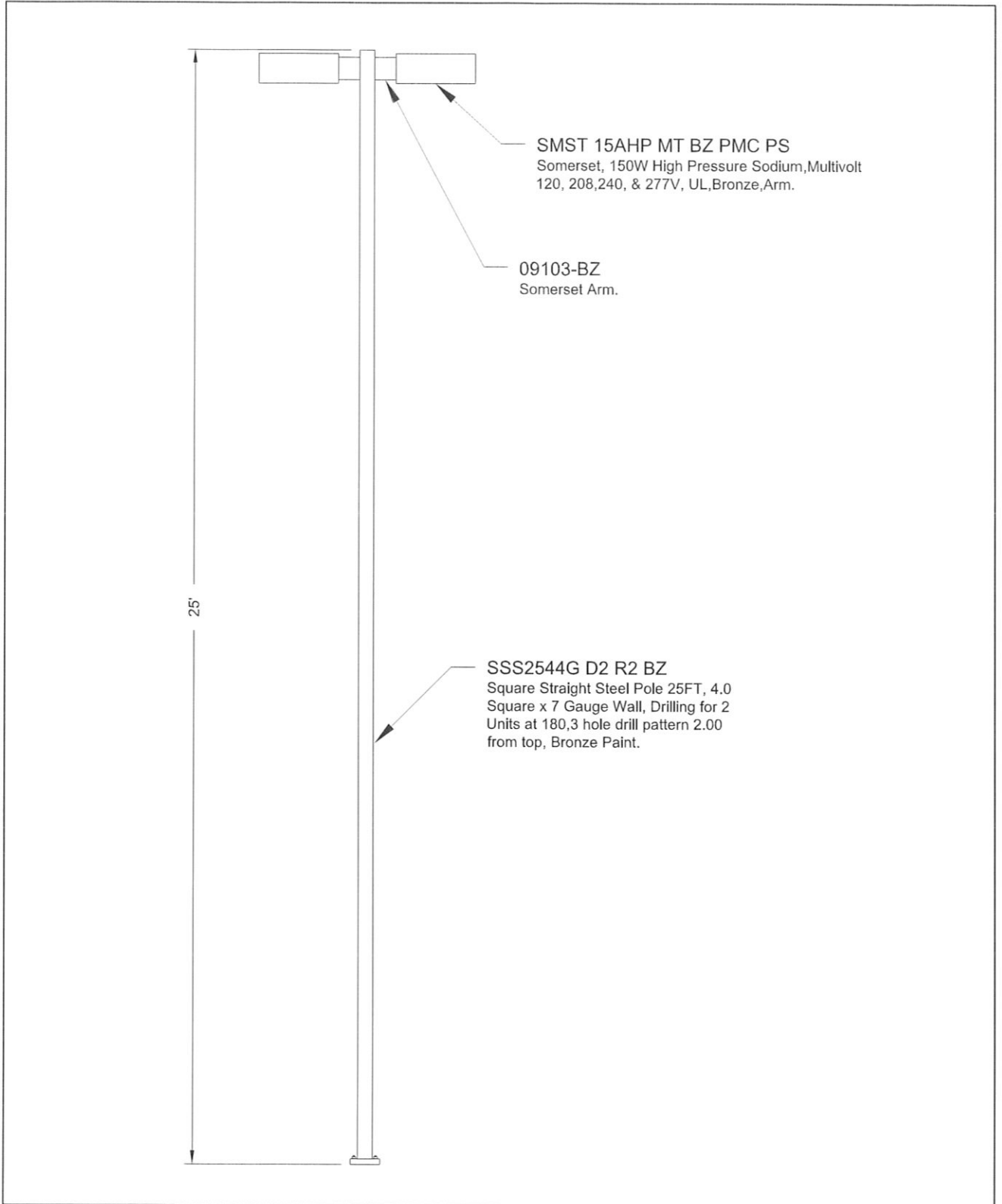
\*\*\* Please Retain This Receipt For Your Personal Records \*\*\*



## Sinclair Oil

ORDER #:	TYPE:	DRAWING #:
REVISION:	REVISION DATE:	TSG 006292
DRAWN: BGW	ORIGIN DATE: 5/10/11	PAGE: 1 of 2

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.



# Sinclair Oil

ORDER #:	TYPE:	DRAWING #:
REVISION:	REVISION DATE:	TSG 006292
DRAWN: BGW	ORIGIN DATE: 5/10/11	PAGE: 2 of 2

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.








## STANDARD FEATURES, OPTIONS AND ACCESSORIES

		GlasWerks II Series	MetroVue Series	Pechina Series
<b>Luminaire</b>		<b>GB, GE, GM, GN, GP, GR, GS, GY</b>	<b>EA, EY, EYP</b>	<b>P</b>
Shapes	The product has multiple contemporary shapes available for a variety of architectural design options	<b>S</b>	<b>S</b>	—
Housing	Heavy duty, cast aluminum ballast housing.	<b>S</b>	<b>S</b>	<b>S</b>
Electrical	UL/CUL labeled for wet locations, suitable for ambient temperatures up to 40°C. IP66 Rated	<b>S</b>	<b>S</b>	<b>S</b>
Optics	A variety of optics choices provide a wide range of lighting distributions	<b>S</b>	<b>S</b>	<b>S</b>
Mounting	A variety of pole and arm mountings are available	<b>S</b>	<b>S</b>	<b>S</b>
Finish	A wide variety of color choices are available. Custom colors are available upon request	<b>S</b>	<b>S</b>	<b>S</b>
F1	Single fusing for 120, 240, 277 and 347V units	—	—	—
F2	Double fusing for 208, 240 and 480V units	—	—	—
DS	Deep skirt for cutoff requirement, 30" diameter.	—	<b>O</b>	—
SS	Shallow skirt for cutoff requirement, 30" diameter.	—	<b>O</b>	—
H	NEMA twist-off photocontrol receptacle	<b>O</b>	—	—
NEMA XXXXX	NEMA label. Insert source and wattage for "XXXX" in catalog number	<b>O</b>	—	<b>O</b>
P	Protected starter for HPS units. Not available with 08 and 40 voltages	<b>O</b>	<b>O</b>	—
PI	Plug-in starter for HPS units.	—	—	<b>O</b>
PS	Protected starter for HPS units	—	—	<b>O</b>
PG	Plug-in protected starter for HPS units	—	—	<b>O</b>
PCTWSTL120	DTL twist-off photocontrol for 120 volt. Shipped in carton with unit. Must be used with photocontrol receptacle	<b>O</b>	<b>O</b>	<b>O</b>
PCTWSTL1202427	DTL twist-off photocontrol for 120-277 volt. Shipped in carton with unit. Must be used with photocontrol receptacle.	<b>O</b>	<b>O</b>	<b>O</b>
PCTWSTL480	DTL twist-off photocontrol for 480 volt. Shipped in carton with unit. Must be used with photocontrol receptacle.	<b>O</b>	<b>O</b>	<b>O</b>
PCTWSTSHRTCAP	Shorting cap	<b>O</b>	<b>O</b>	<b>O</b>
PR	Button style photocontrol. Available with 120, 208, 240, 277 and 347V only. Limited to 175W and below. Not available with "R" or "PCTWSTL" photocontrols.	—	—	<b>O</b>
R	NEMA twist-off photocontrol receptacle	—	<b>O</b>	<b>O</b>
T	Both NEMA twist-off photocontrol receptacle and plug-in protected starter	<b>O</b>	—	—
F1	Single fusing for 120, 240, 277 and 347V units	—	—	<b>A</b>
F2	Double fusing for 208, 240 and 480V units	—	—	<b>A</b>
IG-5	Plug-in replacement starter for HPS units	<b>A</b>	—	—
IG-6	Plug-in replacement protected starter for HPS units	<b>A</b>	—	—
IG-7	Plug-in replacement protected starter kit for	<b>A</b>	—	—
LAMP	Appropriate lamp shipped	<b>A</b>	<b>A</b>	—
PECHINAHSSXX	External house side shield. Insert color for "XX" in catalog number	—	—	<b>A</b>

- S** Standard - Standard product features
- O** Option - Product options are factory installed
- A** Accessory - Product accessory ships separately
- Not Available

Contact your local sales rep for the most current option and accessory compatibility.

	Mongoose Series	PoleStar Series	MirroStar	Somerset	Crestwood
					
<b>Luminaire</b>	<b>G</b>	<b>PT</b>	<b>MS</b>	<b>SMST</b>	<b>CW2A, CW3A</b>
<b>Shapes</b>	The product has multiple contemporary shapes available for a variety of architectural design options	<b>S</b>	<b>S</b>	—	—
<b>Housing</b>	Heavy duty, cast aluminum ballast housing.	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>
<b>Electrical</b>	UL/CUL labeled for wet locations, suitable for ambient temperatures up to 40°C. IP66 Rated	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>
<b>Optics</b>	A variety of optics choices provide a wide range of lighting distributions	<b>S</b>	<b>S</b>	—	—
<b>Mounting</b>	A variety of pole and arm mountings are available	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>
<b>Finish</b>	A wide variety of color choices are available. Custom colors are available upon request	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>
<b>F1</b>	Single fusing for 120, 240, 277 and 347V units	—	—	<b>O</b>	—
<b>F2</b>	Double fusing for 208, 240 and 480V units	—	—	<b>O</b>	—
<b>B</b>	Terminal block and NEMA decal. Not available with "C" option	<b>O</b>	—	—	—
<b>C</b>	NEMA decal. Not available with "B" option	<b>O</b>	—	—	—
<b>T</b>	Spade termination for ballast leads. Available with "MT", "MA", "MB", "MC", "MD" and "VT" voltages only	<b>O</b>	—	—	—
<b>3</b>	3" to 2" Tenon adapter, same color as fixture. Available with "V" mounting only	<b>O</b>	—	—	—
<b>6</b>	6' Pigtail	<b>O</b>	—	—	—
<b>HS</b>	House side shield for "A", "C", "F" and "S" optics only	—	<b>O</b>	—	—
<b>PS</b>	Protected starter for HPS units (P is cat. number for Mongoose)	<b>O</b>	<b>O</b>	<b>O</b>	<b>O</b>
<b>TB</b>	Terminal block	—	—	<b>O</b>	—
<b>R</b>	NEMA twist-off photocontrol receptacle	<b>O</b>	—	<b>O</b>	—
<b>BKT-5-G</b>	Galvanized wood pole bracket	<b>A</b>	—	—	—
<b>BR-1091-XX</b>	3" to 2" Tenon adapter bracket. Insert color K-black, V-green, W-white or Z-bronze for "XX" in catalog number	<b>A</b>	—	—	—
<b>F1</b>	Single fusing for 120, 240, 277 and 347V units	<b>A</b>	<b>A</b>	—	<b>A</b>
<b>F2</b>	Double fusing for 208, 240 and 480V units	<b>A</b>	<b>A</b>	—	<b>A</b>
<b>LAMP</b>	Appropriate lamp shipped	<b>A</b>	—	—	<b>A</b>
<b>PTHS</b>	House side shield for enclosed optics, A, C, F, and S only	—	<b>A</b>	—	—
<b>SDXX</b>	House side shield for open optic. Insert color K-black, V-green, W-white or Z-bronze for "XX" in catalog number	—	<b>A</b>	—	—
<b>WBXX</b>	Wall bracket for structural mounting. Insert color K-black, V-green, W-white or Z-bronze for "XX" in catalog number	—	<b>A</b>	—	—
<b>PS-55</b>	Protected starter for HPS units (100-150W)	—	—	—	<b>A</b>
<b>PS-100</b>	Protected starter for HPS units (250-400W)	—	—	—	<b>A</b>

- S** Standard - Standard product features
- O** Option - Product options are factory installed
- A** Accessory - Product accessory ships separately
- Not Available

Contact your local sales rep for the most current option and accessory compatibility.



PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

<b>SMST</b>	<b>250PM</b>	<b>MT</b>	<b>BZ</b>	<b>CL</b>	<b>PS</b>	<b>SMST1BZ</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
LUMINAIRE	WATTAGE	VOLTAGE	FINISH	OPTICS	OPTIONS	ACCESSORIES
SMST	250PM 320PM 350PM 400PM	MT	BZ	CL PM	F1 PS	SMST1BZ SMSTL2ARBZ

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



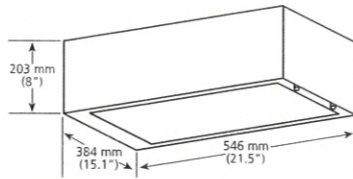
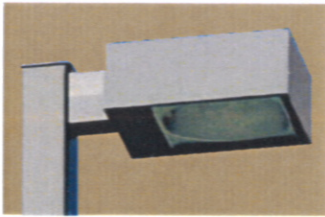
<b>STEP 1: LUMINAIRE</b>
SMST Somerset
<b>STEP 2: SOURCE AND WATTAGE</b>
<b>HIGH PRESSURE SODIUM</b>
<b>Mogul Base</b>
100HP 100W HPS
15AHP 150W/55V HPS
250HP 250W HPS
400HP 400W HPS
<b>METAL HALIDE</b>
<b>Mogul Base</b>
150MH <sup>1</sup> 150W MH
175MH <sup>1</sup> 175W MH
250MH <sup>1</sup> 250W MH
400MH <sup>1</sup> 400W MH
<b>PULSE START METAL HALIDE</b>
175PM <sup>2</sup> 175W MH
250PM <sup>2</sup> 250W MH
320PM <sup>2</sup> 320W MH
350PM <sup>2</sup> 350W MH
400PM <sup>2</sup> 400W MH
<small>1 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation</small>
<small>2  Meets US Federal EISA legislation</small>
<b>STEP 3: VOLTAGE</b>
08 <sup>1</sup> 208V, Isolated secondary
12 120V
20 208V
24 240V
27 277V
34 <sup>2</sup> 347V
40 <sup>1</sup> 240V, Isolated secondary
48 <sup>2</sup> 480V
MT Multivolt, 120-277V
VT <sup>3</sup> Varitap, 120-347V
<small>1 Must be handled through TSG</small>
<small>2 Not available with 150MH and 175PM</small>
<small>3 Not available with 200-400 wattages</small>

<b>STEP 4: FINISH</b>
BK Black
GR Gray
WH White
BZ Bronze
<small>*Colors are just a representation. Custom colors are available upon request</small>
<b>STEP 5: OPTICS</b>
PM <sup>1</sup> Prismatic borosilicate glass
CL Clear tempered glass
<b>Forward Throw</b>
PF <sup>2</sup> Prismatic glass
CF <sup>2</sup> Clear tempered glass
<small>1 These units are shipped with adjustable socket set to produce the widest spacing. The socket can be field adjusted to provide other distributions. (Does not apply to 400W MH)</small>
<small>2 Lamp provided by Holophane</small>
<b>STEP 6: OPTIONS</b>
<b>Factory Installed.</b>
<small>See page 63 for a complete list of options and product availability</small>

<b>STEP 7: ACCESSORIES</b>
<b>Ships Separately.</b>
<small>See page 63 for a complete list of accessories and product availability</small>
<b>Arm</b>
SMSTARMX 5.75" Arm
<b>Adaptor Round Pole</b>
SMSTL1XX 1 unit
SMSTL2XX 2 units @ 180°
<b>Adaptor Round Pole With Arm</b>
SMSTL1ARXX 1 unit
SMSTL2ARXX 2 units @ 180°
SMSTL2LARXX 2 units @ 90°
SMSTL4ARXX 4 units @ 90°
<b>Adaptor Round Pole With Photo Receptacle</b>
SMSTL1RXX 1 unit
SMSTL2RXX 2 units @ 180°
<b>Adaptor Round Pole With Arm and Photo Receptacle</b>
SMSTL1ARXX 1 unit
SMSTL2ARXX 2 units @ 180°
SMSTL2LARXX 2 units @ 90°
SMSTL3ARXX 3 units @ 90°
SMSTL4ARXX 4 units @ 90°
<b>Pipe Adaptor</b>
SMSTPBXX 51mm (2.0")
<b>Wall Bracket</b>
SMSTWBXX Close mount
SMSTWSXX With 5.75" arm
<small>Insert "BK" - black; "BZ" - bronze; "GR" - Gray; or "WH" - white for "X" for above numbers</small>

# ORDERING INFORMATION

## DIMENSIONAL DETAILS



**Maximum Weight:** 16 kg. (36 lbs.)  
**Maximum EPA:** 1.43

## PERFORMANCE SPECIFICATIONS

Luminaire shall be Holophane Somerset series, catalog No. SMST \_\_\_\_\_. This fixture shall consist of mounting, optical, support, and electrical systems and will provide certain performance characteristics as follow:

The luminaire shall consist of a formed 1.3mm (18 ga.) aluminum housing with cast aluminum door frame bottom enclosure to hold prismatic lens or flat tempered glass.

All exposed surfaces shall receive a seven stage cleaning and pretreatment prior to painting. The finish shall be a fade resistant (color) polyester powder paint baked on to provide a hard durable coating.

Reflector shall be hydro-formed aluminum alloy #3002 reflector sheet, chemically brightened and anodized.

Mounting bolts, washers and nuts shall be zinc-plated steel. Electrical components (ballast, capacitor, fuses, starter board, etc.) shall be mounted to a single removable galvanized steel plate.

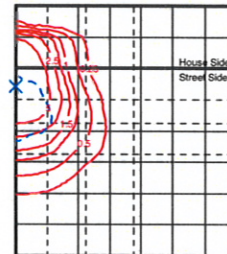
Socket wires shall have plug-in disconnect. Complete electrical assembly shall be removable by unplugging socket leads and primary leads and disengaging one quarter-turn faster.

Ballast area and door shall be fully gasketed with high-temperature, closed cell material.

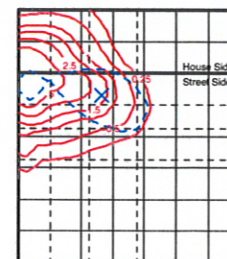
The complete unit shall be UL listed "Suitable for Wet Locations" and CSA certified.

## DISTRIBUTIONS

### Forward Throw



### Type III







## FEATURES AND BENEFITS

- Prismatic glass optics for superior performance
- Optical lens obscures the lamp image and improves visual comfort
- Lamp access with two quarter-turn fasteners provide ease of maintenance

## TYPICAL APPLICATIONS

- Parking Areas
- City Streets
- Parks
- Residential Areas
- Campuses
- Walkways





## SOMERSET®

OVERALL, THE SOMERSET PROVIDES THE PROPER BALANCE BETWEEN ARCHITECTURAL FAMILIARITY AND SOUND PERFORMANCE. THE SOMERSET LUMINAIRE IS A LOW PROFILE, FULL CUTOFF LUMINAIRE FEATURING HIGHLY ENGINEERED OPTICAL SYSTEMS AND HOUSING CONSTRUCTION THAT PROVIDES HIGH PERFORMANCE IN MANY APPLICATIONS.



## Paul Stoops Associates

Post Office Box 1130  
Hailey, ID 83333  
tel: (208) 788-8993  
fax: (208) 788-7634  
email: [paul@ps-assoc.com](mailto:paul@ps-assoc.com)

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June 1, 2011

Mr. Kent Lyons  
Snowbasin Resort

Re: Holophane fixtures (for parking lot)

Dear Kent,

Thank you for asking us to review the proposed substitution of Holophane fixtures. Upon analyzing them in our model, for comparison to the fixtures we had specified, we find that, while not performing quite as well, they *would* do an adequate job, with a couple of modifications:

Parking area lights (25' mtg. ht.):

HPS option: change fixture to "clear lens/forward throw"

LED option: no change

Sidewalk lights (12' mtg. ht.):

HPS option: change to Type II distribution

LED option: change to Type II distribution

As regards the LED lighting option – in general, it looks like it would be a real benefit to you, in long-term energy savings, with a pretty short payback. The way the Ogden Valley Lighting Ordinance (no. 39) reads, however, the use of LED fixtures would require specific approval of the Planning Commission.

If you have any questions, please feel free to email or call.

Thanks again,

Paul D. Stoops, PE

attachment: Ogden Valley Lighting Ordinance





**Job Name:** Sinclair Oil  
**Quote #:** 2172-11-10076-0  
**Quote Label:** Sinclair Snowbasin HPS  
**Job Location:**  
**Issue Date:** 4/26/2011  
**Bid Date:** 4/28/2011

**Quoted By:** Richard Weight  
 801/501-8320  
 RWeight@holophane.com

**Quoted To:** Quotations  
 Street Address  
 Salt Lake City, UT 84101

Type	Qty	Catalog #	Unit \$	Ext \$
5	SMST 100HP MT BZ PMC PS SMSTARM BZ 09103 BZ SSS1244C D1 R2 BZ		\$918.00	
	Somerset&#174; (SMST): SMST, 100W High Pressure Sodium, Multivolt 120, 208, 240, & 277V, UL, Bronze, Arm - Square Poles, Prismatic Lens (PMC), Protected Starter, Arm, Bronze 09103 Arm (9103): 09103 (Drill Mount) Bronze (SSS1244C) Square Straight Steel Pole 12FT, 4.0 Square x 11 Gauge Wall: SSS1244C 4.0 Square, Drilling for 1 Unit, 3 hole drill pattern 2.00 from top, Bronze Paint			
10	SMST 15AHP MT BZ PMC PS SMSTARM BZ S-67516 09103 BZ SSS2544G D2 R2 BZ		\$1,746.00	
	Somerset&#174; (SMST): SMST, 150W/55V High Pressure Sodium, Multivolt 120, 208, 240, & 277V, UL, Bronze, Arm - Square Poles, Prismatic Lens (PMC), Protected Starter, Arm, Bronze 09103 Arm (9103): 09103 (Drill Mount) Bronze (SSS2544G) Square Straight Steel Pole 25FT, 4.0 Square x 7 Gauge Wall: SSS2544G 4.0 Square, Drilling for 2 Units at 180 degrees, 3 hole drill pattern 2.00 from top, Bronze Paint with Sylvania (LU150/55/ECO) 150HP Clear Mogul Lamp			

**Estimated Lead Time: 30 days** **Grand Total: \$22,050.00**

**Notes**

**Terms**

HOLOPHANE: This quote is valid for 90 calendar days from date of quote. Shipment lead times begin the day after the order is released and are based on working days only. Shipments are FOB Shipping Point on all orders. HoloPhane shall pay the freight on orders of \$3,000 or more (\$750 for replacement ballast kits) to all points in the continental United States and Canada. Upon release of your order, poles and non-standard material cannot be cancelled or returned. Terms are subject to revision. Items with "Hold" status have not been allocated any labor, material, or scheduled production time. The lead time to shipment will begin when HoloPhane receives your clarification or approval to release your purchase order item(s) from "Hold" status. Prices in this acknowledgement are firm for release within a period of four months from the date of order. At the end of four months, HoloPhane, at its option, shall either increase prices by 3% or renegotiate pricing. Thereafter, escalation of 1-1/2% per three month period will be added. In the event of an extraordinary change in raw material costs, HoloPhane reserves the right to renegotiate pricing. Pricing will be reevaluated and confirmed upon receipt of your clarification or approval to release the purchase order item(s) from "Hold" status.