



MARKZEFF

**LITTLE SAINT JAMES**  
KITCHEN FINISH SPECIFICATIONS

October 20, 2010

Project Name: **LITTLE SAINT JAMES**  
 Project #: **LSJ-01**  
 Issue Date:

Item Number: **HD-01**  
 Item Description: **SMALL CABINET PULL**

Item Quantity:

Manufacturer:	Hafele	Source:	
Address:	25 East 26th New York, NY 10011-	Address:	
Phone:	800# : (800) 423-3531	Phone:	
Fax:		Fax:	
Contact:		Contact:	
E-mail:		E-mail:	
Web:	www.hafele.com	Web:	

Model Number: 117.05.600  
 Model Name: SMALL PULL - 146MM  
 Dimensions: REFER TO CUTSHEET  
 Color/Finish: STAINLESS STEEL/MATTE FINISH



Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  
  Strike-Off  
  Finish Sample  
  Cutting  
  Shop Dwgs  
  Prototype  
  Flame Certificate

Instructions:

- Image is for reference only.
- All metal to be non-corrosive.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.

## Stainless Steel Handles



### Threaded Screws 8-32

Combined slot, suitable for flat or cross blades.

Finish: steel, yellow chromated

Length	Cat. No.
10 mm	022.35.109
12 mm	022.35.127
15 mm	022.35.154
18 mm	022.35.181
20 mm	022.35.207
22 mm	022.35.225
23 mm	022.35.234
25 mm	022.35.252

Packing: 1000 pcs.

28 mm	022.35.289
30 mm	022.35.305
35 mm	022.35.350
38 mm	022.35.387
40 mm	022.35.403
45 mm	022.35.458
50 mm	022.35.501
52 mm	022.35.520
55 mm	022.35.550
60 mm	022.35.609

Packing: 500 pcs.

75 mm	022.25.750
80 mm	022.25.800
85 mm	022.25.850
90 mm	022.25.900
95 mm	022.25.950
100 mm	022.25.990

Packing: 100 pcs.



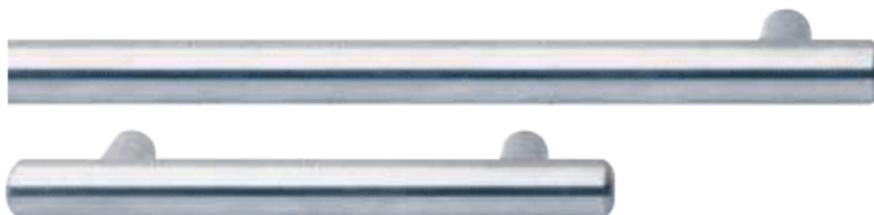
### Threaded Breakoff Screw M4

Combined slot, suitable for flat or cross blades.

Finish: steel, zinc-plated

Length	Cat. No.
1 3/4" x 3/4"	022.35.887

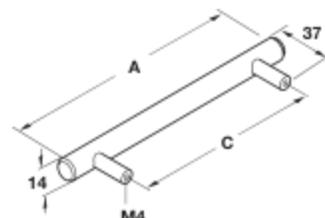
Packing: 100 and 500 pcs.



Matt

Size A	Dimension C	Cat. No.
146	96	117.05.600
178	128	117.05.610
242	192	117.05.620
274	224	117.05.630
370	320	117.05.640
530	480	117.05.650
722	672	117.05.660
946	896	117.05.670

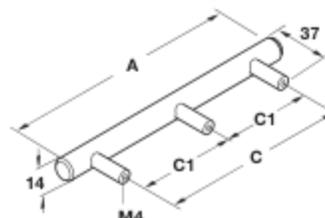
Packing: 5 and 10 pcs.



Matt, 3 bases

Size A	Hole Spacing		Cat. No.
A	C	C1	
1202	1152	576	117.05.680
1456	1408	704	117.05.690

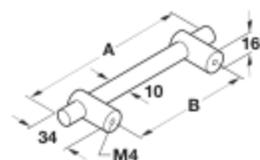
Packing: 10 pcs.



Matt

Size A	Dimension B	Cat. No.
136	96	115.84.001
168	128	115.84.002
200	160	115.84.003
328	288	115.84.004

Packing: 10 pcs. (M4 25 mm mounting screws incl.)



Dimensional data not binding.  
We reserve the right to alter specifications without notice.

Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **HD-02**  
Item Description: **LARGE CABINET PULL**

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Item Quantity:

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Manufacturer:	Hafele	Source:	
Address:	25 East 26th New York, NY 10011-	Address:	
Phone:	800# : (800) 423-3531	Phone:	
Fax:		Fax:	
Contact:		Contact:	
E-mail:		E-mail:	
Web:	www.hafele.com	Web:	

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Model Number: 117.05.660  
Model Name: LARGE PULLL - 722MM  
Dimensions: REFER TO CUTSHEET  
Color/Finish: STAINLESS STEEL/MATTE FINISH



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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- Image is for reference only.
- All metal to be non-corrosive.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.

## Stainless Steel Handles



### Threaded Screws 8-32

Combined slot, suitable for flat or cross blades.

Finish: steel, yellow chromated

Length	Cat. No.
10 mm	022.35.109
12 mm	022.35.127
15 mm	022.35.154
18 mm	022.35.181
20 mm	022.35.207
22 mm	022.35.225
23 mm	022.35.234
25 mm	022.35.252

Packing: 1000 pcs.

28 mm	022.35.289
30 mm	022.35.305
35 mm	022.35.350
38 mm	022.35.387
40 mm	022.35.403
45 mm	022.35.458
50 mm	022.35.501
52 mm	022.35.520
55 mm	022.35.550
60 mm	022.35.609

Packing: 500 pcs.

75 mm	022.25.750
80 mm	022.25.800
85 mm	022.25.850
90 mm	022.25.900
95 mm	022.25.950
100 mm	022.25.990

Packing: 100 pcs.



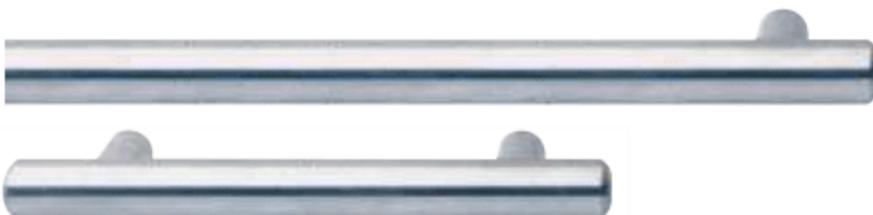
### Threaded Breakoff Screw M4

Combined slot, suitable for flat or cross blades.

Finish: steel, zinc-plated

Length	Cat. No.
1 3/4" x 3/4"	022.35.887

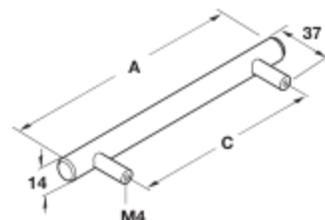
Packing: 100 and 500 pcs.



Matt

Size A	Dimension C	Cat. No.
146	96	117.05.600
178	128	117.05.610
242	192	117.05.620
274	224	117.05.630
370	320	117.05.640
530	480	117.05.650
722	672	117.05.660
946	896	117.05.670

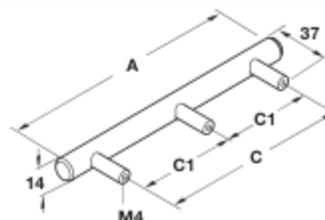
Packing: 5 and 10 pcs.



Matt, 3 bases

Size A	Hole Spacing		Cat. No.
A	C	C1	
1202	1152	576	117.05.680
1456	1408	704	117.05.690

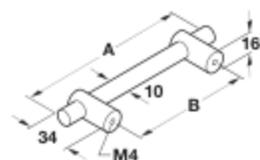
Packing: 10 pcs.



Matt

Size A	Dimension B	Cat. No.
136	96	115.84.001
168	128	115.84.002
200	160	115.84.003
328	288	115.84.004

Packing: 10 pcs. (M4 25 mm mounting screws incl.)



Dimensional data not binding.  
We reserve the right to alter specifications without notice.

Project Name: **LITTLE SAINT JAMES**  
 Project #: **LSJ-01**  
 Issue Date:

Item Number: **LT-01**  
 Item Description: **PENDANT LIGHT - KITCHEN**

Item Quantity:

Manufacturer: Restoration Hardware  
 Address:

Source:  
 Address:

Phone:  
 Fax:

Phone:  
 Fax:

Contact:

Contact:

E-mail:

E-mail:

Web: [www.restorationhardware.com](http://www.restorationhardware.com)

Web:

Description: DECORATIVE KITCHEN PENDANT LIGHT FIXTURE

Model Number: 68070201

Model Name: 18" KEYNES PRISM SINGLE PENDANT

Dimensions: 18" DIAMETER x 27.5"H

Finish: ALUMINUM

Lamp Wattage: 60W



Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- The Contractor must coordinate with the manufacturer exact specifications on sockets, lamping, and ADA requirements to ensure decorative light fixtures meet all local, state, and federal codes for applicable conditions.
- Property owner is responsible for purchasing and supplying all lamps (bulbs) required for all specified fixtures. Lamping requirements must not exceed the maximum wattage as specified for each fixture.

Project Name: **LITTLE SAINT JAMES**  
 Project #: **LSJ-01**  
 Issue Date:

Item Number: **LT-02**  
 Item Description: **UNDERCABINET PUCK LIGHT**

Item Quantity:

Manufacturer: Lucifer Lighting  
 Address: 3750 IH-35 North  
 San Antonio, TX 78219-  
 Phone: (210) 227-7329  
 Fax: (210) 227-7329  
 Contact:  
 E-mail:  
 Web: www.luciferlighting.com

Source:  
 Address:  
 Phone:  
 Fax:  
 Contact:  
 E-mail:  
 Web:

Description: UNDERCABINET PUCK LIGHT FIXTURE  
 Model Number: LPK-12-10-W  
 Model Name: UNLENSED RECESSED PUKLIGHT  
 Dimensions: REFER TO CUTSHEET  
 Finish: WHITE/MATTE



Required Item(s) for Designer Approval Prior to Fabrication:

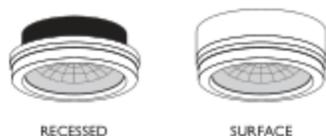
Seaming Diagram    Strike-Off    Finish Sample    Cutting    Shop Dwgs    Prototype    Flame Certificate

Instructions:

- The Contractor must coordinate with the manufacturer exact specifications on sockets, lamping, and ADA requirements to ensure decorative light fixtures meet all local, state, and federal codes for applicable conditions.
- Property owner is responsible for purchasing and supplying all lamps (bulbs) required for all specified fixtures. Lamping requirements must not exceed the maximum wattage as specified for each fixture.

# PUKLIGHT®

## LENSED

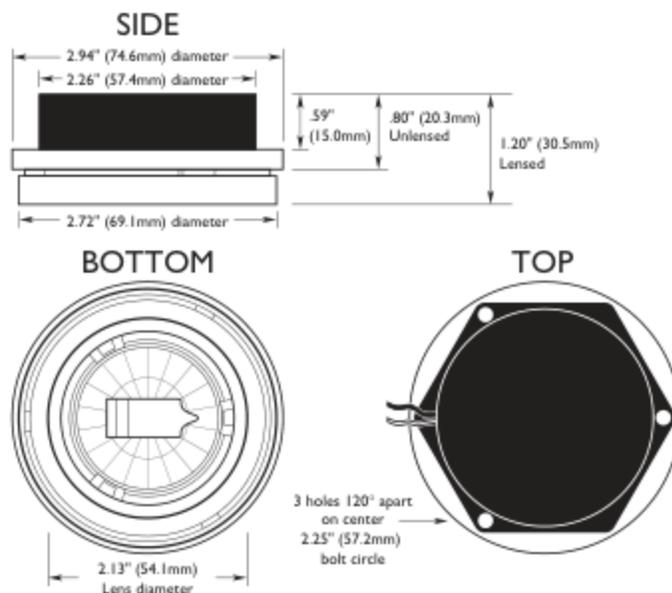


## PRODUCT SPECIFICATION

Catalog No.	Finish	Lamp
LPK-12-10-W	Matte white	Quartz halogen, 12v 10w Max
LPK-12-10-B	Matte black	Quartz halogen, 12v 10w Max
LPK-12-10-C	Satin chrome	Quartz halogen, 12v 10w Max
LPK-12-10-G	Satin brass	Quartz halogen, 12v 10w Max

(see reverse side for complete list of Puklight Catalog Nos.)

### LOW VOLTAGE MINI-DOWNLIGHT



#### GENERAL DESCRIPTION

Low voltage palm-size lighting fixture with unique twist-on lens retainer. It can accommodate (1) lens accessory only. A 12v 10w maximum bi-pin G4 base quartz halogen lamp is standard. Relamping is done from front of fixture after 1/4 turn and removal of lens retainer. Fixture can be recessed or surface mounted. Clear or frosted lens available.

#### MOUNTING

If recessed, the fixture is mounted in a hole 2 1/4" in diameter and 5/8" deep using three screws through the mounting holes provided.

#### MATERIAL

Housing and trim are high temperature injection molded thermoplastic. Reflector is plated die cast metal. Lens is tempered glass. Wire is teflon coated high temperature stranded wire.

#### FINISH

Matte White  
Matte Black  
Satin Chrome  
Satin Brass

#### LABEL

U.L. Listed Class II. File No. E141044, when ordering a lensed Puklight with a plug-in transformer. ETL Listed Class II when ordering a lensed Puklight with a wire-in transformer.

#### ELECTRICAL

Fixture is pre-wired with 18 AWG 200°C wire exiting from the side of the fixture. 6" pig-tails are provided for easy connections.

#### OPTIONS

Fixture available in ready-to-install kits of 1 to 6 Puklights. Kits include: 10w quartz halogen lamps and one 12v 60w wire-in or plug-in electronic transformer. Transformers are Class II U.L. Approved. Accessories include black honeycomb louver and colored lenses. Bi-pin xenon 12v 10w maximum lamp in clear or frosted also available. (refer to reverse side for ordering information).

#### PATENTS

U.S. and foreign patents.

## LUCIFER

### LIGHTING COMPANY

414 Live Oak Street  
San Antonio, Texas 78202  
Phone 210 227-7329  
FAX 210 227-4967  
www.luciferlighting.com

©2002 Lucifer Lighting Company

As part of its policy of continuous research and product development, the Company reserves the right to change or withdraw specifications without prior notice.

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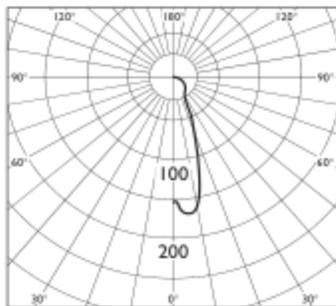
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# PUKLIGHT® LENSED

## PHOTOMETRICS - PUKLIGHT with Clear Lens

CANDLEPOWER SUMMARY		
Angle	Across	Output Lumens
0	158	15
5	170	15
10	157	15
15	104	26
20	55	26
25	36	15
30	28	15
35	24	12
40	21	12
45	19	13
50	18	13
55	14	12
60	8	4
65	1	4
70	1	1
75	0	1
80	1	1
85	1	1
90	0	1

Efficiency = 71.1% SPMH = 6 SC = 6

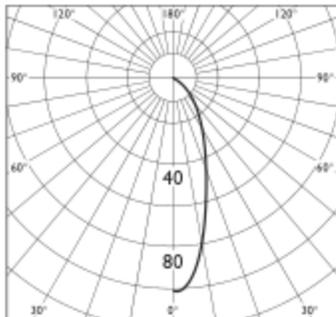


50% Beam width = 35.0°		
Distance (ft.)	Footcandles	Beam Dia. (ft.)
0.5	630.0	0.38
1.0	158.0	0.55
1.5	70.2	0.83
2.0	39.8	1.10
2.5	25.3	1.38
3.0	17.4	1.65
3.5	12.9	1.93
4.0	9.9	2.20
4.5	7.8	2.48
5.0	6.3	2.78
5.5	5.2	3.03
6.0	4.4	3.31

## PHOTOMETRICS - PUKLIGHT with Frosted Lens

CANDLEPOWER SUMMARY		
Angle	Across	Output Lumens
0	101	9
5	97	9
10	83	18
15	64	18
20	47	16
25	36	16
30	28	14
35	23	14
40	19	11
45	15	11
50	12	8
55	9	8
60	6	4
65	4	4
70	3	2
75	2	2
80	1	1
85	1	1
90	0	1

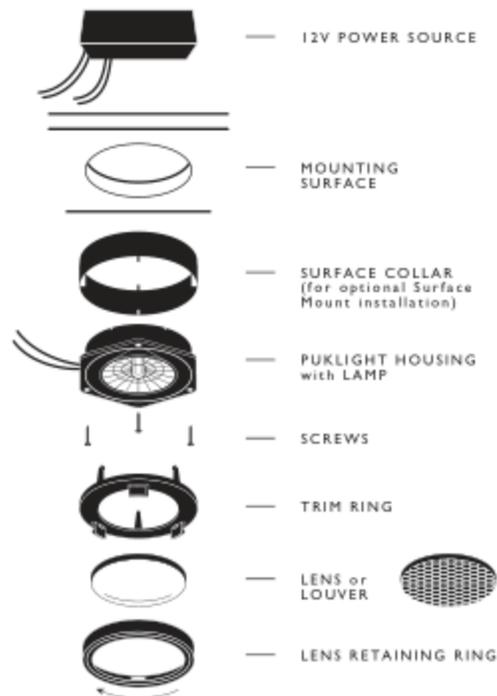
Efficiency = 59.2% SPMH = 6 SC = 6



50% Beam width = 36.6°		
Distance (ft.)	Footcandles	Beam Dia. (ft.)
0.5	484.0	0.33
1.0	121.0	0.66
1.5	44.9	0.99
2.0	25.3	1.32
2.5	16.2	1.65
3.0	11.2	1.98
3.5	8.2	2.32
4.0	6.3	2.65
4.5	5.0	2.98
5.0	4.0	3.31
5.5	3.3	3.64
6.0	2.8	3.97

Photometrics by Lighting Sciences, Inc., Scottsdale, Arizona, a nationally recognized testing facility serving the illumination industry, in accordance with current IES published procedures. Beam width to 50% maximum candlepower. To convert to meters and lux, multiply feet x .3048 and footcandles x 10.75.

## INSTALLATION



## ORDERING

### Catalog No. Description

#### PUKLIGHT with Clear Lens

**LPK-12-10-\*** Recessed Puklight housing, trim ring with clear glass lens, and 12v 10w halogen lamp  
**LPK-SC-12-10-\*** Surface Puklight housing, trim ring with clear glass lens, surface mount collar, and 12v 10w halogen lamp

#### PUKLIGHT CLEAR LENS KITS with clear lens, surface mount collar, and 12v, 10w halogen lamps

**LPKT-1-\*** 1 fixture & 1 12v 60w wire-in electronic transformer  
**LPKT-2-\*** 2 fixtures & 1 12v 60w wire-in electronic transformer  
**LPKT-3-\*** 3 fixtures & 1 12v 60w wire-in electronic transformer  
**LPKT-4-\*** 4 fixtures & 1 12v 60w wire-in electronic transformer  
**LPKT-5-\*** 5 fixtures & 1 12v 60w wire-in electronic transformer  
**LPKT-6-\*** 6 fixtures & 1 12v 60w wire-in electronic transformer

**Note:** To substitute 12v 60w plug-in electronic transformer, use **LPKP** prefix instead of **LPKT** prefix

#### PUKLIGHT with Frosted Lens

**FPK-12-10-\*** Recessed Puklight housing, trim ring with frosted glass lens and 12v 10w halogen lamp  
**FPK-SC-12-10-\*** Surface Puklight housing, trim ring with frosted glass lens, surface mount collar, and 12v 10w halogen lamp

#### PUKLIGHT FROSTED LENS KITS with frosted lens, surface mount collar, and 12v, 10w halogen lamps

**FPKT-1-\*** 1 fixture & 1 12v 60w wire-in electronic transformer  
**FPKT-2-\*** 2 fixtures & 1 12v 60w wire-in electronic transformer  
**FPKT-3-\*** 3 fixtures & 1 12v 60w wire-in electronic transformer  
**FPKT-4-\*** 4 fixtures & 1 12v 60w wire-in electronic transformer  
**FPKT-5-\*** 5 fixtures & 1 12v 60w wire-in electronic transformer  
**FPKT-6-\*** 6 fixtures & 1 12v 60w wire-in electronic transformer

**Note:** To substitute 12v 60w plug-in electronic transformer, use **FPKP** prefix instead of **FPKT** prefix

#### LAMP OPTIONS

**12-05-XH-\*\*** 12 volt, 5 watt, bi-pin xenon lamp  
**12-10-XH-\*\*** 12 volt, 10 watt, bi-pin xenon lamp

#### ACCESSORIES

(Louvers and colored lens accessories for use with a lensed Puklight only)

**FGL-3** Frosted glass lens  
**CGL-3** Clear glass lens  
**HCL-3** Honeycomb louver (black) - 45° glare cut off  
**GL-B** Glass lens - blue  
**GL-G** Glass lens - green  
**GL-R** Glass lens - red

**WMC-1/10** Wire mounting clip - to fasten wire to wall or surface - 10 per pack  
**WC-1/10** Wire connector and splice adapter - 10 per pack  
**W-18/2-10** Installation wire - 18 gauge/2 conductors - 10 ft. length

\* Specify one color per catalog number: **W** - Matte white **B** - Matte black **C** - Satin chrome **G** - Satin brass

\*\* Specify: **CL** - Clear **FR** - Frosted

# PUKLIGHT®

## LENSED & UNLENSED

### INSTALLATION

**Before beginning any PUKLIGHT installation, disconnect electrical power at a main switch or circuit breaker.**

#### LIGHTED LAMP IS HOT!

To reduce the risk of FIRE, BURNS, and EYE DAMAGE:

1. Read all instructions before attempting any installation.
2. Disconnect and allow to cool for at least 5 minutes before replacing bulb.
3. Bulb gets HOT quickly! Be sure the power is off when relamping.
4. Do not touch hot lens, louver, or enclosure.
5. Do not direct light at persons.
6. Do not look directly at lighted bulb.
7. Keep lamp away from curtains, draperies, and similar materials.
8. Use only with a 10 watt or smaller bulb.
9. Do not touch the bulb at any time. Use a soft cloth. Oil from skin may damage bulb integrity.
10. The lensed fixture is provided with a glass lens or louver to protect the user from the excessive heat of the bulb and from particles of glass should bulb rupture occur. To reduce the risk of burns, do not operate the lamp without the lens or louver secured in place. Damaged glass lens or louver should be replaced before the lamp is used.
11. Use the following formula to determine the total number of fixtures that can be connected to each transformer:

$$QF = \frac{WT}{WF}$$

Round down to the nearest whole number

Where: QF = Total quantity of fixtures per transformer  
 WT = Wattage rating of transformer  
 WF = Wattage of lamps per fixture (maximum wattage per fixture is 10 watts)

EXAMPLE:  
 WT = 60 watts  
 WF = 10 watts

$$QF = \frac{60W}{10W} = 6 \text{ fixtures}$$

Rounding down to the nearest whole number equals maximum of six fixtures for the above example.

**LAMP SELECTION.** PUKLIGHT is a low voltage lighting fixture designed to operate with a 12-volt power supply only. Use only with a 12-volt bare halogen lamp, 10 watts maximum.

**POWER SOURCE.** The power supply is typically a remote 12-volt transformer which is installed between the 120-volt electrical supply and the PUKLIGHT.



PUKLIGHT IS UL LISTED WHEN LENSED AND USED WITH PLUG-IN TRANSFORMER.



PUKLIGHT IS ETL LISTED WHEN LENSED AND USED WITH PLUG-IN OR HARD-WIRE TRANSFORMER.

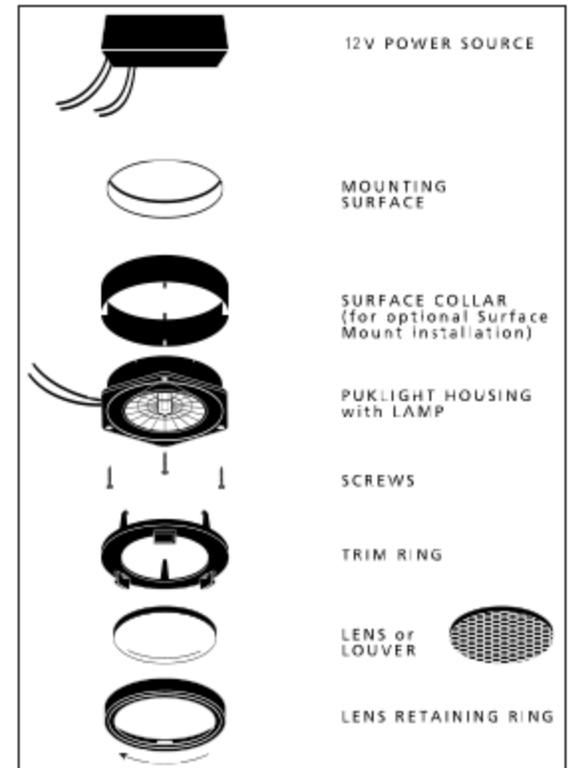
SAVE THESE INSTRUCTIONS.

#### LENSED PUKLIGHT FLUSH OR SURFACE MOUNT INSTALLATION

1. Follow WARNINGS and Technical Information on Lamping and Wiring (see reverse side).
2. If recessed, cut a hole in MOUNTING SURFACE 2 1/4" (57mm) in diameter (see template).
3. Remove LENS RETAINING RING with LENS or LOUVER by rotating counterclockwise 1/4 turn.
4. Remove the TRIM RING from the PUKLIGHT by gently prying the prongs from their slots.
5. OPTION: for surface mount installation, slide the SURFACE COLLAR over the PUKLIGHT housing.
6. Using the 3 screws provided, anchor the PUKLIGHT (and SURFACE COLLAR) to the MOUNTING SURFACE.
7. Reaffix the TRIM RING by gently snapping into place.
8. Replace LENS RETAINING RING and LENS or LOUVER to the PUKLIGHT HOUSING and secure by rotating 1/4 turn clockwise.

#### NOTE:

For lamp installation, refer to Technical Information-Lamping (see reverse side)

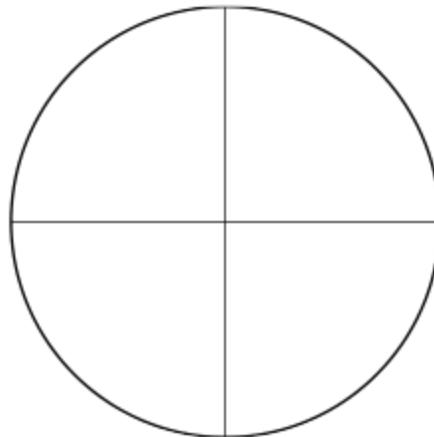
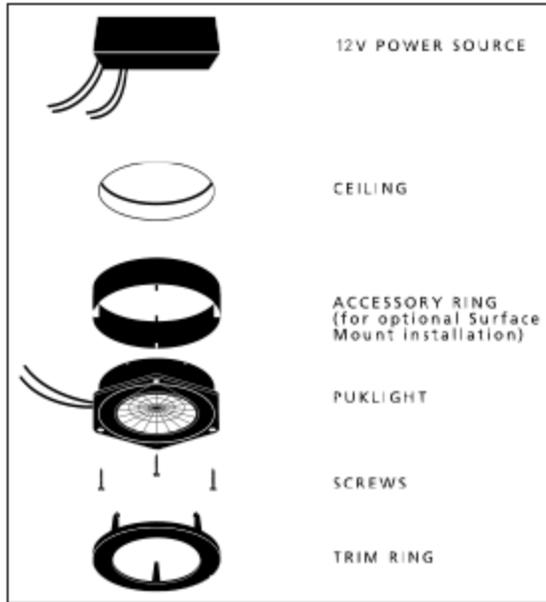


**UNLENSED PUKLIGHT  
FLUSH OR SURFACE MOUNT  
INSTALLATION**

1. Follow WARNINGS and Technical Information on Lamping and Wiring (see reverse side).
2. If recessed, cut a hole in MOUNTING SURFACE 2 1/4" (57mm) in diameter (see template).
3. Remove the TRIM RING from the PUKLIGHT by gently prying the prongs from their slots.
4. OPTION: for surface mount installation, slide the SURFACE COLLAR over the PUKLIGHT housing.
5. Using the 3 screws provided, anchor the PUKLIGHT (and SURFACE COLLAR) to the MOUNTING SURFACE.
6. Reaffix the TRIM RING by gently snapping into place.

**NOTE:**

For lamp installation, refer to Technical Information-Lamping (see reverse side)



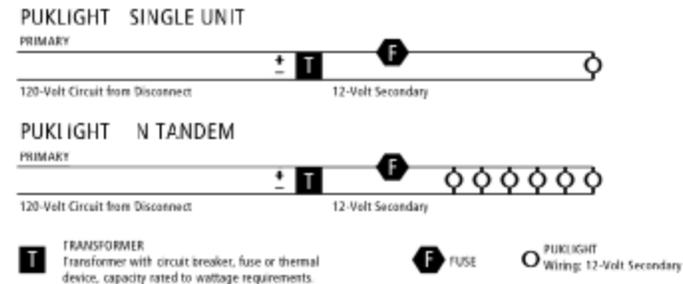
Hole template for  
FLUSH MOUNT  
2 1/4" (57 mm)

**TECHNICAL INFORMATION**

**LAMPING.** Remove LENS RETAINING RING (unless UNLENSED) with LENS or LOUVER by rotating counterclockwise 1/4 turn. Trim need not be removed for relamping. Use tissue or soft cloth for inserting lamp. Hand contact with lamp diminishes lamp life. Be sure power is off and allow lamp to cool at least 5 minutes before relamping.

**WIRING.** LENSED PUKLIGHT is a UL Listed, Class II, low voltage lighting fixture when used with a plug-in transformer. It is ETL Listed, Class II, when used with a plug-in or hardwire transformer. It is designed to work with a 12-Volt power supply only. Use only with a 12-Volt 10-Watt lamp maximum. A typical installation requires a transformer between the 120-Volt electrical supply and the Puklight fixture. When Puklights are installed alone or in tandem, the power supply (i.e., transformer in typical installation) must be protected with an in-line circuit breaker or fuse that is properly sized to load. Lucifer transformer models ET60-12 and ET150-12 (hardwire) and ETP60-12 (plug-in) have built-in short circuit protection.

An installation using from 1 to 6 Puklights, 10 watts each, requires a 60-watt transformer, 18 gauge wire no more than 10 feet in length and fuse or circuit breaker. Consult an electrical engineer if more than 6 Puklights are to be installed in multiple fused circuits. See diagram for connection and fusing below:



**DIMMING.** PUKLIGHT may be dimmed through use of appropriate controls installed in the primary circuit of the transformer. All transformers must have clean voltage wave shapes applied to them to prevent overheating and burn-out. Standard household-type dimmers which phase-clip the voltage wave will burn out both the transformer and the dimmer.

**WARNING: Do not use incandescent or fluorescent dimmers with PUKLIGHT! Use only dimmers expressly identified for dimming low voltage magnetic transformers.**

**WARNING: PUKLIGHT WHEN LIT WITH HALOGEN LAMP IS EXTREMELY HOT!**

To avoid risk of fire, burns and eye damage:

1. Do not touch lamp when lit; do not direct light at persons and do not look directly at lighted lamp.
2. Disconnect and allow fixture to cool at least 5 minutes before replacing lamp.
3. Do not place fixture near curtains, draperies and in unventilated or confined areas.

**LUCIFER**  
LIGHTING COMPANY  
© 1996

3750 IH35 North  
San Antonio, Texas 78219  
Phone (210) 227-7329  
Fax (210) 227-4967



Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **LT-03**  
Item Description: **CEILING FAN**

---

Item Quantity:

---

Manufacturer: TBD

Source:

Address:

Address:

Phone:

Phone:

Fax:

Fax:

Contact:

Contact:

E-mail:

E-mail:

Web:

Web:

---

Description: CEILING FAN FOR KITCHEN - TBD, AWAITING CLIENT DECISION ON FANS PRESENTED

---

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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- The Contractor must coordinate with the manufacturer exact specifications on sockets, lamping, and ADA requirements to ensure decorative light fixtures meet all local, state, and federal codes for applicable conditions.
- Property owner is responsible for purchasing and supplying all lamps (bulbs) required for all specified fixtures. Lamping requirements must not exceed the maximum wattage as specified for each fixture.

Project Name: **LITTLE SAINT JAMES**  
 Project #: **LSJ-01**  
 Issue Date:

Item Number: **P-01**  
 Item Description: **DOUBLE BASIN SINK**

Manufacturer: Franke Consumer Products, Inc.  
 Address: 3050 Campus Drive, Suite 500  
 Hatfield, PA 19440-  
 Phone: (800) 626-5771  
 Fax:  
 Contact:  
 E-mail:  
 Web: [www.frankeconsumerproducts.com](http://www.frankeconsumerproducts.com)

Source: By GC  
 Address:  
 Phone:  
 Fax:  
 Contact:  
 E-mail:  
 Web:

Product: ARX12031  
 Color/Finish: STAINLESS STEEL  
 Size/Dimensions: REFER TO CUTSHEET



Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  
  Strike-Off  
  Finish Sample  
  Cutting  
  Shop Dwgs  
  Prototype  
  Flame Certificate

Instructions:

- Image is for reference only.
- Owner must be provided with manual, installation guidelines, and maintenance instructions in addition to warranties if applicable.
- All metal to be non-corrosive.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.



### ARX12031

Shouldn't your sink reflect your individuality? Imagine a countertop, solid surface or natural stone, with integral **Artisan™** sinks that suit the unique way that you prepare food and clean up.

[Installation Guide](#)

**Minimum Cabinet Size:** 33"

**Interior Dimensions:** 28 5/8" x 17" x 9" & 8 1/8"

**Exterior Dimensions:** 31" x 19 1/8" x 9" x 8 1/8"

#### Accessories



903

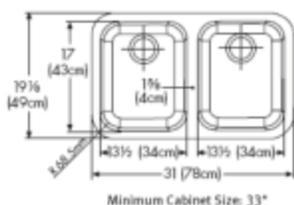
#### more Franke choices...



ARX12030 WD1001 FBI-362/482-XS-IB



FFPS700



Project Name: **LITTLE SAINT JAMES**  
 Project #: **LSJ-01**  
 Issue Date:

Item Number: **P-01A**  
 Item Description: **PULL OUT FAUCET**

Manufacturer: Grohe  
 Address: 241 Covington Drive  
 Bloomingdale, IL 60108-  
 Phone: [REDACTED]  
 Fax: [REDACTED]  
 Contact: Alan Taranto  
 E-mail: [REDACTED]  
 Web: www.grohe.com

Source:  
 Address:  
 Phone:  
 Fax:  
 Contact:  
 E-mail:  
 Web:

Product: 33759 SDO  
 Color/Finish: STAINLESS STEEL  
 Size/Dimensions: REFER TO CUTSHEET



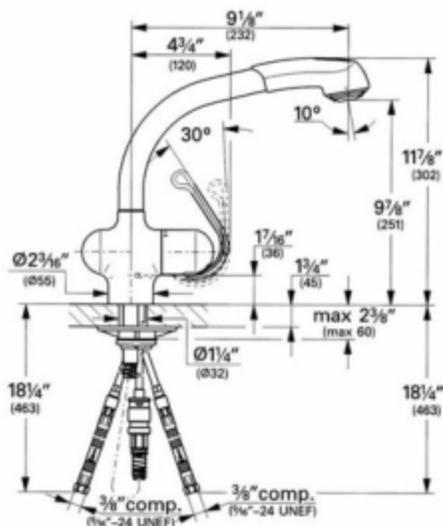
Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram    Strike-Off    Finish Sample    Cutting    Shop Dwgs    Prototype    Flame Certificate

Instructions:

- Image is for reference only.
- Owner must be provided with manual, installation guidelines, and maintenance instructions in addition to warranties if applicable.
- All metal to be non-corrosive.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.

## 33 759 High Profile Pull Out



### Description

Single-Handle Kitchen Pull-out  
GROHE RealSteel® stainless steel construction  
360° swivel spout  
Dual spray control-switches back and forth between regular flow and spray  
SpeedClean anti-lime system  
Ceramic cartridge  
56" extractable hose  
9 1/8" spout reach  
Quick installation system  
Stainless steel braided flexible supplies  
Integral check valves  
Single hole installation

Installation note: For full handle movement when mounted in front of a wall or backsplash, this faucet must be installed with no less than 3 1/4" of clearance between the faucet and backsplash or wall, unless the faucet is installed with the handle facing forward (handle opposite the wall).

IAPMO File #1750

### Flow Rate

2.2 gpm at 60 psi,  
2.5 gpm at 80 psi (9.5 lpm)

### Code Compliance

ASME/ANSI A112.18.1M  
ANSI/NSF Standard 61  
ADA Compliant

### Finish Options

**33 759 SDO Stainless Steel**

33 759 KDO Stainless Steel/Black

Project Name: **LITTLE SAINT JAMES**  
 Project #: **LSJ-01**  
 Issue Date:

Item Number: **P-02**  
 Item Description: **SINGLE BASIN SINK**

Manufacturer: Franke Consumer Products, Inc.  
 Address: 3050 Campus Drive, Suite 500  
 Hatfield, PA 19440-  
 Phone: (800) 626-5771  
 Fax:  
 Contact:  
 E-mail:  
 Web: [www.frankeconsumerproducts.com](http://www.frankeconsumerproducts.com)

Source: By GC  
 Address:  
 Phone:  
 Fax:  
 Contact:  
 E-mail:  
 Web:

Product: PSX1103012/16  
 Color/Finish: STAINLESS STEEL  
 Size/Dimensions: REFER TO CUTSHEET



Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram    Strike-Off    Finish Sample    Cutting    Shop Dwgs    Prototype    Flame Certificate

Instructions:

- Image is for reference only.
- Owner must be provided with manual, installation guidelines, and maintenance instructions in addition to warranties if applicable.
- All metal to be non-corrosive.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.



**PSX110309/16, PSX1103012/16**

If an authentic restaurant kitchen is fancy, the Professional Series™ is the real thing. Sturdy commercial grade stainless and very deep to accommodate the bulky equipment of the serious cook.

Gauge: 16

Minimum Cabinet Size: 33"

Interior Dimensions: 30 1/8" x 18 1/8" x 9 1/16" or 11 7/16"

Exterior Dimensions: 31 1/2" x 19 1/2" x 9 1/16" x or 11 7/16"

**Accessories**



PS30-45SP



PS30-36C

**more Franke choices...**



PSX120309/16,  
PSX120309/18



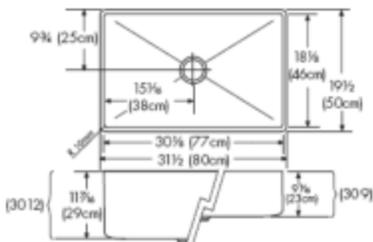
AK381-90S



LB-2000  
Series



OE-200 Series



Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **P-03**  
Item Description: **POT FILLER**

---

Manufacturer: Grohe  
Address: 241 Covington Drive  
Bloomington, IL 60108-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Alan Taranto  
E-mail: [REDACTED]  
Web: www.grohe.com

Source:  
Address:  
Phone:  
Fax:  
Contact:  
E-mail:  
Web:

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Product: 31041 SDO  
Color/Finish: STAINLESS STEEL  
Size/Dimensions: REFER TO CUTSHEET



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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- Image is for reference only.
- Owner must be provided with manual, installation guidelines, and maintenance instructions in addition to warranties if applicable.
- All metal to be non-corrosive.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.

## 31 041 Wall Mount Pot Filler



### Description

GROHE RealSteel® Stainless Steel Construction  
20" jointed swing spout  
Two 1/4-turn shut-off valves located at wall and outlet  
GROHE SilkMove® ceramic cartridges  
Double O-ring seal and bearing joints  
Anti-rotation wall flange  
Single-hole installation, cold water only

### Flow Rate

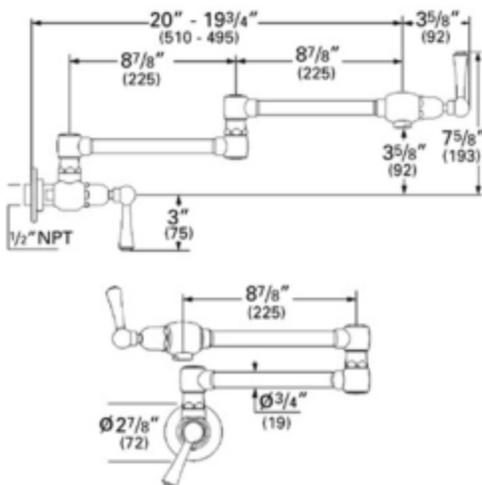
2.2 at 60 psi, 2.5 at 80 psi (9.5 lpm)

### Code Compliance

ASME/ANSI A112.18.1M  
ANSI/NSF Standard 61

### Finish Options

31 041 SDO Stainless Steel



Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **PT-01**  
Item Description: **SUPER WHITE, FLAT**

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---

Manufacturer: Benjamin Moore  
Address: 101 Paragon Drive  
Montvale, NJ 07645-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Rodger Lippman  
E-mail: [REDACTED]  
Web: www.benjaminmoore.com

Source:  
Address:  
Phone:  
Fax:  
Contact:  
E-mail:  
Web:

---

Product: BENJAMIN MOORE SUPER WHITE  
Color/Finish: FLAT FINISH

Notes: LOCATION: KITCHEN WALL AND CEILING PAINT

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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- Image is for reference only.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.
- All paint finishes to be low odor and low VOC when possible.
- Primer to be applied to substrate to prepare it for subsequent finish coats. Contractor to consult paint manufacturer for proper primer recommendations.

Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **PT-02**  
Item Description: **SUPER WHITE, SEMI-GLOSS**

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---

Manufacturer: Benjamin Moore  
Address: 101 Paragon Drive  
Montvale, NJ 07645-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Rodger Lippman  
E-mail: [REDACTED]  
Web: www.benjaminmoore.com

Source:  
Address:  
Phone:  
Fax:  
Contact:  
E-mail:  
Web:

---

Product: BENJAMIN MOORE SUPER WHITE  
Color/Finish: SEMI GLOSS FINISH

Notes: LOCATION: KITCHENDOOR & TRIM PAINT

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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- Image is for reference only.
- Contractor is to assume responsibility for preparing surfaces and using appropriate techniques and installation methods as required by manufacturer prior to installation.
- All paint finishes to be low odor and low VOC when possible.
- Primer to be applied to substrate to prepare it for subsequent finish coats. Contractor to consult paint manufacturer for proper primer recommendations.

Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **SF-01**  
Item Description: **CHANTILLY LACE LACQUER**

---

Manufacturer: Benjamin Moore  
Address: 101 Paragon Drive  
Montvale, NJ 07645-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Rodger Lippman  
E-mail: [REDACTED]  
Web: www.benjaminmoore.com

Source:  
Address:  
Phone:  
Fax:  
Contact:  
E-mail:  
Web:

Product: HIGH GLOSS LACQUER  
Color/Finish: TO MATCH BENJAMIN MOORE #2121-70 CHANTILLY LACE

Notes: LOCATION: KITCHEN CABINET EXTERIOR

Benjamin Moore  
Chantilly Lace 2121-70

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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **ST-02**  
Item Description: **QUARTZ SURFACING**

---

Manufacturer: CaesarStone  
Address: 36-16 19th Ave  
Astoria, NY 11105-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Renee Pecquex  
E-mail: [REDACTED]  
Web: www.caesarstoneus.com

Source: CaesarStone  
Address: 36-16 19th Ave  
Astoria, NY 11105-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Renee Pecquex  
E-mail: [REDACTED]  
Web: www.caesarstoneus.com

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Product: 3141  
Color/Finish: EGGHELL, POLISHED  
Size/Dimensions: 1 1/4" THICK, SQUARE EDGE

Notes: LOCATION: COUNTERTOP AND BACKSPLASH



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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- Image is for reference only.
- Owner must be provided with manual, installation guidelines, and maintenance instructions in addition to warranties if applicable.

CaesarStone® is a quartz-based fabricated stone which can be used for attractive and functional countertops, shower and tub surrounds, interior wall cladding, and other interior applications. Compared to natural stone surfacing, CaesarStone offers many attractive advantages including greater strength, wear resistance, ease of handling, and a unique aesthetic character.

Edit this guide specification according to Project requirements. Samples, product literature, and design assistance are available by contacting CaesarStone at 877-978-2789 or by visiting caesarstoneus.com. Since fabrication and installation of CaesarStone is similar to that of natural stone, publications such as the Marble Institute of America's Dimension Stone Design Manual can also be consulted.

**SECTION 06 61 19 – QUARTZ SURFACING FABRICATIONS**  
**SECTION 12 36 61 – QUARTZ SURFACING COUNTERTOPS**

**PART 1 GENERAL**

**1.01 SUMMARY**

Coordinate following with terminology used to identify CaesarStone on Drawings. In most instances, CaesarStone should be called-out as "Quartz Surfacing".

- A. Section Includes: [Quartz surfacing] [Engineered stone] [Stone] for:
1. Countertops.
  2. Interior [wainscoats] [and] [wall cladding].
  3. [Shower] [and] [bath] enclosures.
  4. [\_\_\_\_\_].
  5. Other interior applications as shown on Drawings.

B. Related Sections:

See CaesarStone product data for additional guidelines for substrates.

1. Section [06 20 00 – Finish Carpentry:] [06 40 00 - Architectural Woodwork:] [09 20 00 – Plaster and Gypsum Board:] [\_\_\_\_\_ - \_\_\_\_\_:] Provide framing and blocking to support quartz surfacing within specified tolerances and in accordance with manufacturer's instructions.

Retain the following, for example, where a CaesarStone countertop is used with a backsplash of a different material, or where a sink set into a CaesarStone countertop.

2. Section [07 92 00 - Joint Sealers:] [\_\_\_\_\_ - \_\_\_\_\_:] Sealers between quartz surfacing and work of other Sections [which are not specified in this Section].

CaesarStone can be used as partitions for toilet and shower compartments. Contact CaesarStone for information.

3. Section [10 21 13 – Stone Toilet Compartments] [10 21 16 – Stone Shower and Dressing Compartments] [\_\_\_\_\_ - \_\_\_\_\_:] Quartz surfacing used as toilet room partitions.

Templates may be required for sinks and plumbing trim, stove tops, hardware, etc.

4. Templates showing cutouts required for installation of items installed on or penetrating through quartz surfacing shall be provided under Sections where items are specified. [Indicate if [sink] [and] [lavatory] cutouts are for top-mount or undercabinet installation.]

## 1.02 REFERENCES

### A. ASTM International:

1. ASTM C97 – Absorption and Bulk Specific Gravity of Dimension Stone.
2. ASTM C99 – Modulus of Rupture of Dimension Stone.
3. ASTM C170 – Compressive Strength of Dimension Stone.
4. ASTM C217 – Weather Resistance of Slate.
5. ASTM C482 – Bond Strength of Ceramic Tile to Portland Cement.
6. ASTM C484 – Thermal Shock Resistance of Glazed Ceramic Tile.
7. ASTM C501 – Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser.
8. ASTM C531 – Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes.
9. ASTM C880 – Flexural Strength of Dimension Stone.
10. ASTM C1028 – Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method.
11. ASTM D256 – Izod Pendulum Impact Resistance of Plastics.
12. ASTM D2047 – Static Coefficient of Friction of Polish-Coated Floor Surfaces by the James Machine.
13. ASTM D2299 – Relative Stain Resistance of Plastics.
14. ASTM E84 – Surface Burning Characteristics of Building Materials.

### B. International Organization for Standardization:

1. ISO 9002 – Quality systems -- Model for Quality Assurance in Production, Installation and Servicing.
2. ISO 14001 – Environmental Management Systems
3. NSF

## 1.03 SUBMITTALS

### A. Product Data:

1. Quartz Surfacing: Submit manufacturer's product data, [sample warranty form,] and fabrication and installation instructions.
2. Accessories: Submit manufacturer's product data and installation instructions.

- B. Shop Drawings: Show field-verified dimensions, quartz surfacing dimensions, locations and dimensions of cutouts, required locations of support and blocking members, edge profiles, and installation details and methods. Identify color[s] and finish[es].

C. Samples:

Coordinate Subparagraphs 1. and 2. with the color specifications in Part 2 – Products.

1. [Samples for Color Selection: Submit [two] [ ] sets of manufacturer's standard colors and finishes.]
2. Samples for Color Approval: Submit [two] [ ] samples 10 x 10 inches (250 x 250 mm) of [each] color and finish selected.
3. Stone Adhesive: Submit [two] [ ] samples of an adhesive joint for [each] color quartz surfacing selected. Show color match of adhesive.

- D. Fabricator Qualifications: Submit evidence of fabricator's qualifications.

- E. Closeout Submittals: Submit completed warranty form.

#### 1.04 DELIVERY, STORAGE, AND HANDLING

- A. Packaging, Shipping, Handling, and Unloading: Observe manufacturer's recommendations and handle in manner to prevent breakage or damage. Brace parts if necessary. Transport in the near-vertical position with finished face toward finished face. Do not allow finished surfaces to rub during shipping or handling.
- B. Storage and Protection: Store in racks in near-vertical position. Prevent warpage and breakage. Store inside away from direct exposure to sun. Store between 25 and 130 °F (-4 and 54 °C). Store with finished face toward finished face.

#### 1.05 WARRANTY

The following is available on single-family residences only and requires use of manufacturer-certified fabricator.

- A. Provide manufacturer's ten-year limited warranty against product defects when fabricated and installed by a CaesarStone certified fabricator.

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**PART 2 PRODUCT**

---

**2.01 MANUFACTURERS**

- A. Qualifications: Manufacturer shall be ISO 9002 and ISO 14001 certified.
- B. Acceptable Manufacturer: Provide **CaesarStone Quartz Surfacing** distributed by **U.S. Quartz Products Inc (CaesarStone U.S.A., Inc.)**; Van Nuys, CA; phone 877-9-QUARTZ; [www.caesarstoneus.com](http://www.caesarstoneus.com).

The following product is included as a convenience to specifiers who require multiple suppliers. It is not warranted or recommended by CaesarStone.

- C. Substitutions: Zodiac manufactured by DuPont may be substituted in accordance with [Instructions to Bidders.] [Section 01 25 00 – Substitution Procedures.]

**2.02 QUARTZ SURFACING**

- A. Composition: 93 percent crushed quartz aggregate combined with resins and pigments and fabricated into slabs using a vacuum vibro-compaction process.

CaesarStone can be fabricated in larger sized pieces due to its superior flexural strength compared to natural stone. This may reduce the number of joints in an installation and permit more economical and better looking jobs. It may also allow the use of thinner material, producing additional economies and weight reductions.

*Thickness:* 3/4" is the minimum recommended for countertops; use 1-1/4" material when greater strength or thicker edges are required.

*Size:* If the extra width is required, consult CaesarStone before specifying to assure availability.

- B. Dimensions:
  - 1. Thickness: Nominal [3/4 inch (20 mm)] [1-1/4 inches (30 mm)] [As shown on Drawings.]
  - 2. Size: Slabs shall be not less than [56.5 x 120 inches (1.44 x 3.05 m)] to minimize number of joints in installation.

The back of each slab of CaesarStone is imprinted with a trademarked zigzag pattern to simplify jobsite identification.

- C. Identification: Material shall be labeled with batch number and imprinted on back with manufacturer's identifying mark.
- D. Performance:
  - 1. Flexural Strength: 7,420 psi, ASTM C880.
  - 2. Compressive Strength: ASTM C-170
    - a. Dry: 10,430 psi average.

- b. Wet: 11,265 psi average.
- 3. Izod Impact Strength: 0.361ft. lbs./inch of notch average; ASTM D256.
- 4. Bond Strength: 205 psi; ASTM C482 modified.
- 5. Modulus of Rupture: 2,110 average, ASTM C99.
- 6. Mohs Hardness: 6.5-7.5; scratch test.
- 7. Absorption: 0.022%; ASTM C97.
- 8. Stain and Acid Resistance: Not affected; ASTM D2299.
- 9. Surface Burning Characteristics: Flame spread = 10, smoke density = 195; ASTM E84.
- 10. Thermal Shock Resistance: Passes 5 cycles, 75°F-295°F; ASTM C484.
- 11. Coefficient of Thermal Expansion:  $1.36 \times 10^{-5}$  inch per °F.; ASTM C531.
- 12. Weathering Resistance: Not affected after seven days in 1% sulfuric acid; ASTM C217.
- 13. Freeze-Thaw Resistance: No visible damage or discoloration after 25 cycles (-45°C to 23°C); S.L.P. with ASTM C62 as guide.
- 14. Wear Resistance: 36.12 gram average; ASTM C501, tested with 1 kg. load, 1000 cycles at 70 r.p.m.

The static coefficient of friction, below, is important for traffic-bearing surfaces and can be deleted when specifying other applications.

- 15. Static Coefficient of Friction:
  - a. Polished Finish: 0.68 average by ASTM D2047, James Machine; 0.87 average (dry) and 0.54 average (wet) by ASTM C1028, Dynamometer Pull Method.
  - b. Honed Finish: 0.69 average by ASTM D2047, James Machine; 0.73 average (dry) and 0.68 average (wet) by ASTM C1028, Dynamometer Pull Method.

Polished CaesarStone: 40 stocked colors.

Honed CaesarStone: 9 stocked colors. Note that dark honed colors will show fingerprints and require increased maintenance.

Custom Colors and Finishes: Available without additional charge on orders of 4,500 sq. ft.

Edit the following according to color selection method and coordinate with submittals.

- E. Color and Finish:
  - 1. Provide color[s] and [finish[es] selected by [Architect] [\_\_\_\_\_] from manufacturer's stocked standards. [Allow for selection of up to [two] [four] [\_\_\_\_\_] colors.]
  - 2. Provide custom color and finish to match [sample in [Architect's] [\_\_\_\_\_] office.] [\_\_\_\_\_].

All standard colors are available with polished finish. See color charts or samples for availability of honed finish.

- 3. Provide [Champagne Limestone, Color No. 2400] [\_\_\_\_\_, Color No. \_\_\_\_\_] with [polished] [honed] finish.
- 4. Finish:

- a. Polished Surface shall have gloss greater than or equal to 35% at 50°.
- b. Honed Surface shall have a matte finish.

Retain the following if edges and corners are not detailed on Drawings.

- F. Exposed Edges [and Corners]:
  - 1. Countertops:
    - a. Edges: [Square] [Bullnose] [Beveled] [Waterfall] [\_\_\_\_\_] profile, [single] [double] layer thick.
    - b. Outside Corners: [Square.] [[3/4 inch (20 mm)] [\_\_\_\_ inch(es) (\_\_\_\_ mm)] radius.]
  - 2. [Backsplash] [and] [Wall Cladding]:
    - a. Edges: [Square.] [\_\_\_\_\_].]
    - b. Outside Corners: [Square butt joints.] [\_\_\_\_\_].]

**2.03 ACCESSORIES**

- A. Mounting Adhesives:
  - 1. Provide structural-grade silicone or epoxy adhesives of type recommended by manufacturer for application and conditions of use.
  - 2. Acceptable Silicone Manufactures:
    - a. Dow Corning.
    - b. GE Sealants and Adhesives.
    - c. [\_\_\_\_\_].
  - 3. Acceptable Epoxy Manufacturers:
    - a. Akemi North America.
    - b. Bonstone Material Corporation.
    - c. Tenax USA.
    - d. [\_\_\_\_\_].
  - 4. Provide spacers, if required, of type recommended by adhesive manufacturer.
- B. Stone Adhesive:
  - 1. Provide epoxy or polyester adhesive of type recommend by manufacturer for application and conditions of use.
  - 2. Acceptable Manufacturers:
    - a. Akemi North America.
    - b. Bonstone Material Corporation.
    - c. Tenax USA.
    - d. [\_\_\_\_\_].
  - 3. Color: Adhesive which will be visible in finished work shall be tinted to match quartz surfacing.

In most countertop and interior cladding applications, CaesarStone can be installed with structural adhesive. Where required, however, CaesarStone can also be set in grout or installed with ties, clips, or other types of hardware recommended for thin stone veneers. Edit below and coordinate Section as required.

- C. [Fasteners] [Grout] [Hardware]: [\_\_\_\_\_].]

- D. Joint Sealants:

1. Clear silicone sealant of type recommended by manufacturer for application and conditions of use.
  2. Provide anti-bacterial type in [[toilet] [and] [bath] rooms,] [food preparation areas,] [and] [\_\_\_\_\_].
  3. Acceptable Manufactures:
    - a. Dow Corning.
    - b. GE Sealants and Adhesives.
    - c. [\_\_\_\_\_].
- E. Solvent: Product recommended by adhesive manufacturer to clean surface of quartz surfacing to assure adhesion of adhesives [and sealants].
- F. Cleaning Agents: Non-abrasive, soft-scrub type kitchen cleansers.

## 2.04 FABRICATION

Include manufacturer authorization if manufacturer's warranty is specified.

- A. Fabricator: Firm shall have five years experience fabricating architectural stone and shall have water-cooled cutting tools. [Firm shall be authorized in writing by manufacturer.]
- B. Shop Assembly: Observe proper safety procedures and comply with manufacturer's instructions.
- C. Layout: Layout joints [as shown on Drawings.] [to minimize joints and to avoid L-shaped pieces of quartz surfacing.]
- D. Inspect Material:
  1. Inspect material for defects prior to fabrication.
  2. Color Match: Materials throughout Project shall be from the same batch and shall bear labels with same batch number. Visually inspect materials to be used for adjacent pieces to assure acceptable color match. Inspect in lighting conditions similar to those on Project.
  3. Variation in distribution of aggregates in quartz surfacing which are within manufacturer's tolerances is not a defect.
- E. Tools: Cut and polish with water-cooled power tools.
- F. Cutouts:

As with any type of stone, smaller radii increase potential for crack propagation at inside corners; in no case should radius less than 3/8 inch be used.

1. Cutouts shall have [3/8 inches (10 mm)] [\_\_\_\_ inches (\_\_\_\_ mm)] minimum inside corner radius. Inside corners shall be reinforced in an acceptable manner to prevent cracking.
2. Where edges of cutout will be exposed in finished work, polish edges.

The following is recommended in areas subject to heavy service or where additional strength is justified.

3. [If the remaining material outside a cutout is less than [three inches (76 mm)] [\_\_\_\_ inches (\_\_\_\_ mm)] wide, reinforce area by laminating it with a strip of quartz surfacing.]
- G. Laminations: Laminate layers of quartz surfacing as required to create built-up [edges,] [trim,] [and other areas requiring additional thickness].

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**PART 3 EXECUTION**

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**3.01 ACCEPTABLE INSTALLER**

- A. Installer: Firm shall have five years experience installing architectural stone.

**3.02 EXAMINATION**

- A. Site Verification:
  - 1. Verify dimensions by field measurements prior to fabrication.
  - 2. Verify that substrates supporting quartz surfaces are plumb, level, and flat to within 1/16 inch in ten feet (1.6 mm in 3000 mm) and that necessary supports and blocking are in place.
  - 3. [Base Cabinets: Cabinet units shall be securely fixed to adjoining units and back wall.]
- B. Inspect finished surfaces for damage. Do not install until damage materials have been repaired in an acceptable manner or replaced.

**3.03 PREPARATION**

- A. Protect finished surfaces against scratches. Apply masking where necessary. Guard against grit, dust, and other trades.

Retain following if quartz surfacing is to be installed on existing countertops or walls.

- B. Remodeling:
  - 1. Where necessary, remove existing [countertops] [and] [materials to be demolished] in accordance with [Section 02 42 00 – Removal and Salvage of Construction Materials] [\_\_\_\_\_].
  - 2. Verify that remaining construction is of sufficient strength and tolerances to support quartz surfacing and make necessary repairs.
  - 3. [Disconnect utilities as specified in other sections.]

**3.04 INSTALLATION**

- A. Install materials in accordance to manufacturer's recommendations. Lift and place to avoid breakage.
- B. Preliminary Installation and Adjustment: Position materials to verify that materials are correctly sized and prepared. Make necessary adjustments.
  - 1. If jobsite cutting, grinding, or polishing is required, use water-cooled tools. Protect jobsite and surfaces against dust and water. Perform work away from installation site if possible.
  - 2. Countertops: Gypsum drywall back walls [which are not [fire] [or] [acoustically] rated] may be routed up to half the thickness of the drywall to allow countertop to fit.
  - 3. Allow gaps for expansion of not less than 1/16 inch (1.5 mm) per five feet when installed between walls or other fixed conditions.
  - 4. [Drainage: [Adjacent to sinks] [and] [where drainage is required], shim countertops slightly to insure positive drainage.]

- C. Permanent Installation:
  - 1. After verifying fit, remove quartz surfacing from position, clean substrates of dust and contamination, and clean quartz surfacing back side and joints with solvent.
  - 2. Apply sufficient quantity of mounting adhesive in accordance with adhesive manufacturer's recommendations to provide permanent, secure installation.
  - 3. Spacing of mounting adhesive shall not exceed:
    - a. Horizontal Surfaces: [ ] inches ([ ] mm) on center.
    - b. Vertical Surfaces: [ ] inches ([ ] mm) on center; provide temporary shims until adhesive cures.
  - 4. [Fasteners] [Grout] [Hardware]: [\_\_\_\_\_].
  - 5. Install surfacing plumb, level, and square and flat to within 1/16 inch in ten feet (1.6 mm in 3000 mm).
  
- D. Joints:
  - 1. Joints Between Adjacent Pieces of Quartz Surfacing:
    - a. Joints shall be flush, tight fitting, level, and neat.
    - b. Securely join with stone adhesive. Fill joints level with quartz surfacing.
    - c. Clamp or brace quartz surfacing in position until adhesive sets.
  - 2. Joints [Between Backsplashes and Countertops] [and] [Around [Tub] [and] [Shower] Enclosures]: Seal joints with silicone sealer.

**3.05 REPAIR**

- A. Repair or replace damaged materials in a satisfactory manner.

**3.06 CLEANING**

- A. Remove masking and excess adhesives and sealants. Clean exposed surfaces.

**3.07 PROTECTION**

- A. Protect surfacing from damage by other Sections.

Use below if Drawings do not adequately specify scope of Work or locations of CaesarStone products. The following is an example only.

**3.08 SCHEDULES**

- C. Toilet Rooms – Rooms 102 and 103:
  - 1. Countertops: CaesarStone Sierra, Color 9255; 3/4" thick; waterfall front edge.
  - 2. Wainscoat: CaesarStone Baja, Color 3200; 3/4" thick; square top edge and butt joint corner.
  
- D. Lobby - Room 101
  - 1. Reception Desk: CaesarStone Concrete, Color 2003
    - a. Countertops: Polished finish, 1-1/4" thick; bullnosed exposed edges.
    - b. Vertical Cladding: Honed finish, 3/4" thick, quirk joints.
  - 2. Wall Behind Desk: Copper Canyon, Color 9480; 3/4" thick; see drawings for edge trim and sandblasted graphics.

**END OF SECTION**

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Project Name: **LITTLE SAINT JAMES**  
Project #: **LSJ-01**  
Issue Date:

Item Number: **T-01**  
Item Description: **24" x 24" CAESARSTONE TILE**

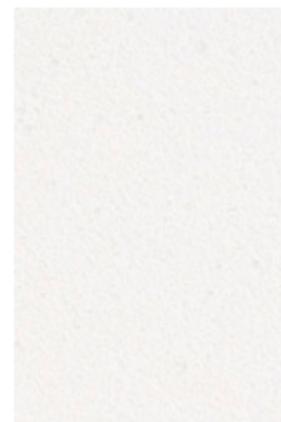
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Manufacturer: CaesarStone  
Address: 36-16 19th Ave  
Astoria, NY 11105-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Renee Pecquex  
E-mail: [REDACTED]  
Web: www.caesarstoneus.com

Source: CaesarStone  
Address: 36-16 19th Ave  
Astoria, NY 11105-  
Phone: [REDACTED]  
Fax: [REDACTED]  
Contact: Renee Pecquex  
E-mail: [REDACTED]  
Web: www.caesarstoneus.com

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Product: #1141  
Color/Finish: PURE WHITE, POLISHED  
Size/Dimensions: SLAB CUT TO 24"x24"x3/4" TILE  
Grout: STANDARD WHITE



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Required Item(s) for Designer Approval Prior to Fabrication:

Seaming Diagram  Strike-Off  Finish Sample  Cutting  Shop Dwgs  Prototype  Flame Certificate

Instructions:

- Image is for reference only.