PHILIPS LIGHTOLIER

Decorative

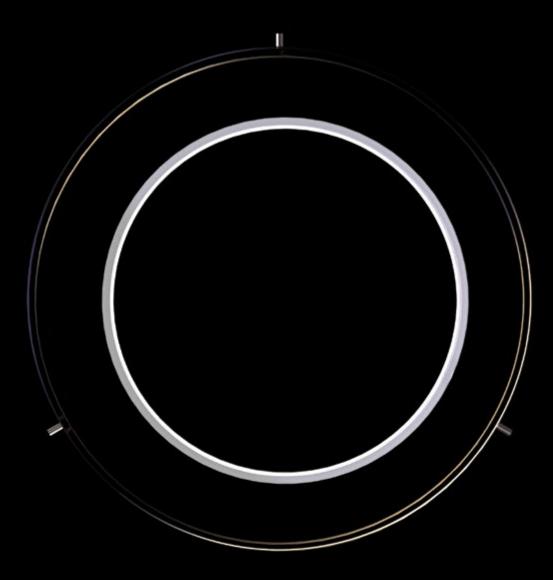
Vetro Elements



Architectural Decorative Elements

The Vetro family of architectural decorative elements offer pure geometric forms and feature superior materials in perfect balance.





Glass is a pure design material that has benefited us throughout the ages being both functional and aesthetic.

All of the Vetro primary glass is hand blown. Multiple layers of glass, each containing a discrete transmission property, are fused into one clean opalescent form to produce the maximum diffusion of light with an option of being placed under a sheath of clear glass. The clear glass subtly reflects and refracts a portion of the light, while providing a bold yet elegant emphasis on your design element. Substantial and impressive, geometrically put in balance with the primary luminaire, but transparent to visible light.

Decorative

At a glance

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Downlights

D01 Series

D02 Series D03 Series

D13 Series

D04 Series

D14 Series

Series	Page	Round acrylic with aluminum insert	Round acrylic	Round angled double opal glass	Round angled double opal glass within clear glass	Round opal glass	Round opal glass within clear glass	Square acrylic	Square opal glass
1.75" Micro	6	D2LR01	D2LR02	_	_	D2LR03	-	D2LS01	D2LS02
3" Evolution	7	D3MR01	D3MR02	D3MR03	D3MR13	D3MR04	D3MR14	-	-
4" Evolution	7	D4MR01	D4MR02	D4MR03	D4MR13	D4MR04	D4MR14	-	-
4" LED, HID & CFL	8	D4A01	D4A02	D4A03	D4A13	D4A04	D4A14	-	-
6" LED, HID & CFL	8	D6A01	D6A02	D6A03	D6A13	D6A04	D6A14	_	-
7" LED, HID & CFL	9	D7A01	D7A02	D7A03	D7A13	D7A04	D7A14	-	-









Pendants/Sconces

PM Series

PS Series (cylindrical)

PS Series (conical)

PW Series

Series	Page	Opal Glass Inner Element	Clear Glass Outer Element	Opal Acrylic Inner Element	Clear Acrylic Outer Element
PM	12	PG01	GL01 or GL02	PA01	GL01A or GL02A
PS (cylindrical)	14	SG01L	GLS01 or GLS02	SA01L	GLS01A
PS (conical)	16	SG03L	GLS02 or GLS03	-	_
PW	18	SG01L or SG02L	_	SA01L or SA02L	_

Clean lines, sharp edges and seamless transitions give the Vetro Series an elegant yet strong presence.

The European hand blown glass contains multiple layers that work in unison to provide the richest and smoothest accent of light to your design space. Vetro provides simple forms that can be used creatively to meet your design needs and elegant luminaries that are encased under clear polished glass. The family of luminaries provides practical lighting tools in a sophisticated envelope. Vetro's refined design provides a fresh aesthetic to meet your architectural needs.



Vetro Elements

The Vetro Family utilizes pure geometric forms that feature superior materials in perfect balance.







Decorative

Downlights, Pendants and Sconces

••••••

Vetro decorative elements are a definitive design statement utilizing balance and proportions. With uncompromising style and the look of clean, spare elegance, Vetro Downlights open a world of creative potential. Designed for stand-out style or a reserved minimal look, these downlight accessories offer unlimited scope for a broad variety of applications – all within the same design family.



Vetro Downlights

The perfect compliment to Calculite downlights.



D01 Series

A solid translucent form with aluminum beveled insert and minimal satin ring.

This clean geometric form combines a solid translucence with diverging layers and internal reflections. Subtle light patterns are revealed as light emanates in differing patterns when viewed from various angles. This layered fixture offers the contrast of an inner glow offset by a matte satin ring. Any space is enhanced by placement and position.



D03 Series

Angled double opal glass accessory with satin aluminum ring.

The flared luminaire offers the ultimate in elegance and delivers soft, glowing light diffused by frosted opal glass. The setting of satin aluminum adds a distinct design element.



D13 Series

Angled double opal glass in angled clear glass with satin aluminum ring.

The striking design of opal encased in clear angled glass creates a stunning luminaire with exceptional interest. The simple pin supports on the satin aluminum ring add an understated element to the design.









D02 Series

A solid translucent disk with frosted interior and minimal satin ring.

The light from this semi-recessed luminaire is released in layered complexity. A solid form of decorative transparency teamed with frosted layers and lighting present an elegant look. Light floats upward to create a soft ceiling wash which adds yet more interest and definition to a space.

D04 Series

Opal glass accessory with satin aluminum ring.

This perfectly smooth opalescent cylinder highlights clean design. A satin aluminum ring adds to the finely engineered look.

D14 Series

Opal glass in clear glass with satin aluminum ring.

The perfectly illuminated design of opal encased in a layer of clear glass lends an added element of design for heightened interest. Simple pin supports on the satin aluminum ring create an understated visual element.

D2L Micro Vetro

Architectural decorative 2" accessories with satin aluminum rings

Use with fixture:Use with reflector:C2L04DL (LED)C2LDL (LED)



••••• Decorative -----

Micro & Evolution

D3MR Evolution Vetro

Architectural decorative 3" accessories with satin aluminum rings

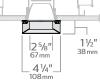
Use with frame-in kits:

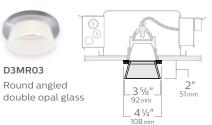
C3L085N (LED), C3LV, C3LVE1, C3LVE2, C3ALV, C3ALVE1, C3ALVE2, C3AICLV, C3AICLVE1

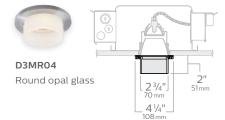




D3MR01 Round acrylic with aluminum insert

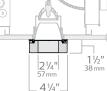








Round acrylic



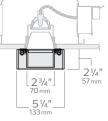
108 m



D3MR14

Round opal glass

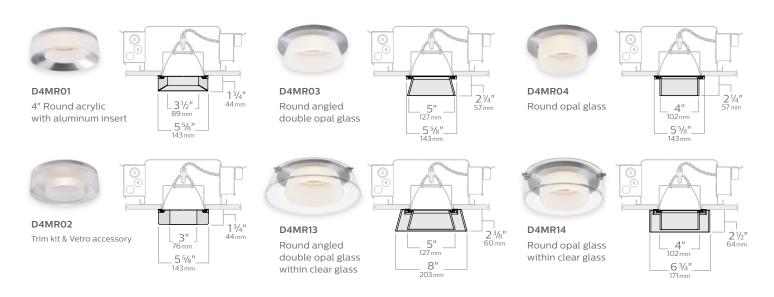
within clear glass



D4MR Evolution Vetro

Architectural decorative 4" accessories with satin aluminum rings

Use with frame-in kits: C4LV, C4ALV, C4AICLV

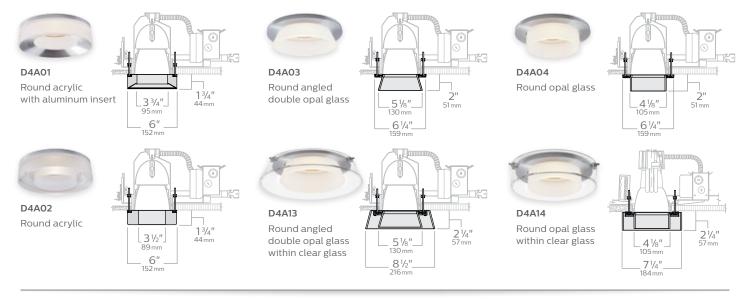


Evolution decorative accessories include the entire trim kit with CL reflector. All combinations required the appropriate Calculite frame-in kit.

D4A LED, HID & CFL Vetro

Architectural decorative 4" accessories with satin aluminum rings

Use with trim kit	Use with frame-in kits
LED: C4L	LED: C4L
CFL: 8011CL	CFL : S4118VU family
HID : C4T4VWCL	HID: C439T4, C439T4E2, C470T4, C470T4E2



D6A LED, HID & CFL Vetro

Architectural decorative 6" accessories with satin aluminum rings					
Use with trim kit LED : C6L CFL : 8021CL HID : C6T6VWCL C6P30MHCL* C6P38MHCL**			, HE2*, SC670MHE1, SC670M	IHE2*	
DGA01 Round acrylic *	45%" 17/6" 117mm 71/2" 191mm	DGA03 Round angled double opal glass	6 ⁵ / ₈ " 168mm 7 ³ / ₄ " 197mm	D6A04 Round opal glass	5½"_2½" 140mm 7¾"_ 197mm
D6A02 Round acrylic	4" 1%" 102mm 71/2"	D6A13 Round angled double opal glass within clear glass	6 ⁵ / ₆ "2 ¹ / ₈ "	D6A14 Round opal glass within clear glass	2 ³ / ₈ " 140mm

_ 10″ . 254 mm

* Use trim/frame with PAR30 Metal Halide configurations. ** Use trim/frame with PAR38 Metal Halide configurations.

71/2"

191mm

Trim kit must be ordered separately. Consult factory for metal halide availability. All combinations required the appropriate Calculite frame-in kit.

. <mark>8 ⁵/8″.</mark> 219 mm

•••••• Decorative

LED, CFL & HID

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D7A LED & CFL Vetro

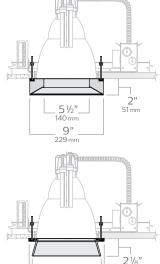
Architectural decorative 7" accessories with satin aluminum rings

Use with trim kit LED: C7L CFL: 8022CL

Use with frame-in kits LED: C7L CFL: S7142BU family



D7A01 Round acrylic with aluminum insert



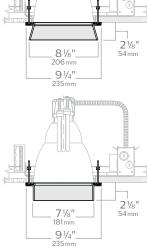


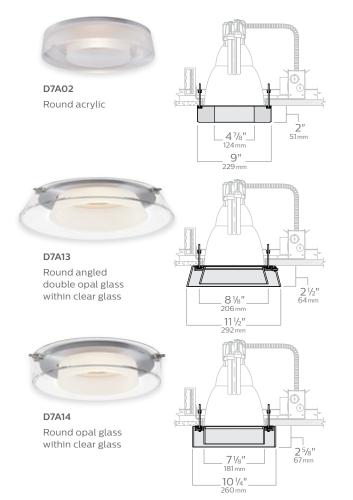
D7A04 Round opal glass

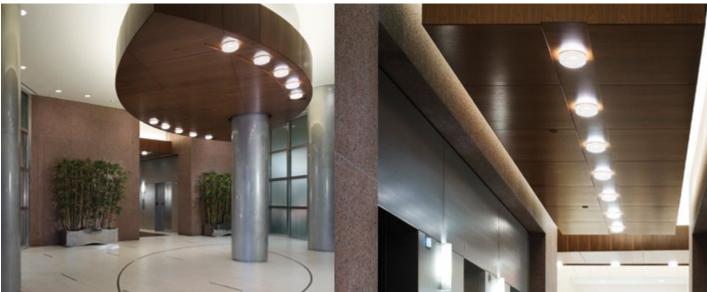
D7A03

Round angled

double opal glass







Trim kit must be ordered separately. Consult factory for metal halide availability. All combinations required the appropriate Calculite frame-in kit.

Above: Photography by Nick Merrick © Hedrich Blessing 2015

Vetro Pendants

The perfect choice to create a bold statement in light.





PM Series

A Bold Statement in Light.

Dynamic architectural precision fused with a slender aesthetic delivers superior illumination. These bold pendants present a refined profile to accent select spaces.

PS Series (cylindrical)

Illuminating Your World.

Clear, defined, slim and elegant the Vetro pendant layers light and air to bring an architectural aesthetic to a variety of spaces. Hand-blown opalescent glass married to smart machined aluminum presents a spare, simple look with presence.







PS Series (conical)

Grace and Style in Light.

The geometric expression of capturing straight and flared together in a sharp aesthetic enhances select spaces. The bold effect adds definition to its appeal.

PW Series

Reflections of Uniformity.

A combination of two basic geometric forms, the cylinder and the cone. A source of ambient illumination presented under a cylindrical section of glass.

PM LED, CFL & INC Vetro

Architectural decorative pendant with satin aluminum housings

Machined aluminum outer housing contains electrical components. Hand-blown Triplex glass provides an even spread of illumination along the length of the primary glass element. Luminaire is encased by hand blown outer glass.







PM with PG01

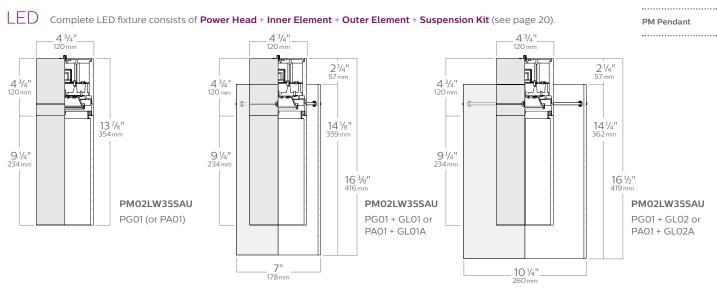
Satin machined aluminum and hand-blown opal glass. A handsome proportion of materials engineered to provide a functional design element and an efficient luminaire.

PM with PG01 and GL01

Hand-blown opal glass sheathed in crystal clear glass partnered with satin machined aluminum. The elegant pendant encased in glass becomes feature element.

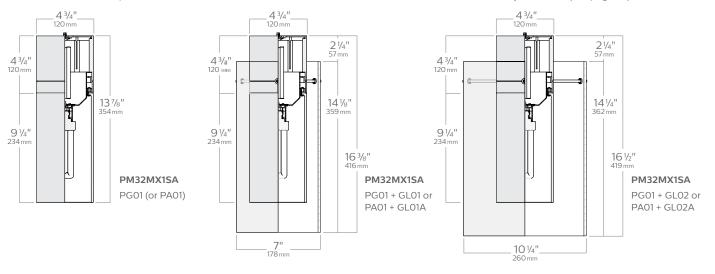
PM with PG01 and GL02

Satin machined aluminum and hand-blown glass. The elegant pendant encased in an unexpected proportion of clear glass creates featured design element.





CFL & INC Complete CFL or INC fixture consists of Power Head + Inner Element + Outer Element + Suspension Kit (see page 20).



Power Heads

Series PM	Wattage 02	Source	ССТ	Finish SA	Voltage
PM Decorative 4" Pendants	02 24W	LW LED	 27 2700K 30 3000K 35 3500K 40 4000K 	SA Satin Aluminum	U Universal 120V/277V
Series PM	Wattage	Source		Voltage	Finish SA
PM Decorative 4" Pendants	32 26/32W	– CFL 4-pin triple tube		– Universal 120V/277V	SA Satin Aluminum
	32 26/32W	MX CFL 4-pin triple tube with Mark X dimming		1 120V 2 277V	
	150 150W*	 Incande T4 mini- 	scent candelabra	– 120V	

* Do not configure incandescent fixtures with acrylic accessories (PA01, GL01A, or GL02A).

Note: For Osram 13W 4-pin twin tube lamps (4100K) use Lightolier # 56964. For others see spec sheets for details.

Glass/Acrylic

For LED, CFL & INC configurations.

Inner Element	Outer Element (optional)
PG01 4 ³ / ₄ " Opal Glass (required for all glass options)	GL01 7" Clear Glass GL02 10 ¹ /4" Clear Glass
PA01 4 ³ / ₄ " Opal Acrylic* (required for all acrylic options)	GL01A 7" Clear Acrylic GL02A 10 ¹ /4" Clear Acrylic

Power Head: comprised of die-cast and extruded aluminum components with a brushed clear lacquer finish.

Inner Element: a primary diffuser comprised of Triplex hand blown glass (PG01) or opal acrylic (PA01).

Outer Element: a 7" diameter (GL01) or 101/4" diameter (GL02) cylindrical section of clear extruded glass with polished edges. A 7" diameter (GL01A) or 10¹/4" diameter (GL02A) cylindrical section of clear acrylic is also available. All outer assemblies come with a die-cast aluminum holder ring with stainless steel support pins.

PS LED, CFL & INC Vetro (cylindrical)

Architectural decorative pendant with satin aluminum housings

Two-piece machined aluminum outer housing contains electrical components. Hand-Blown Triplex glass provides an even spread of illumination along the length of the primary glass element.







PS with SG01L

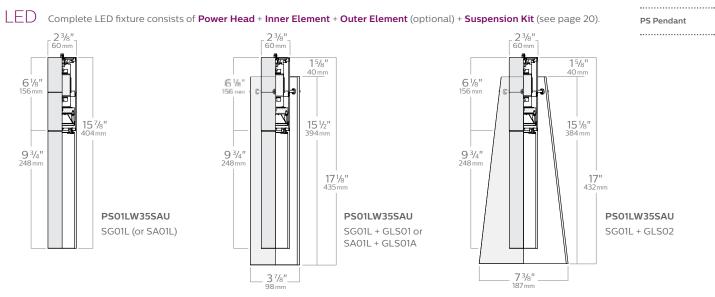
The Simplest. Satin machined aluminum and triplex handblown opal glass provides a basic accent of light to stand alone or designed in arrays.

PS with SG01L and GLS01

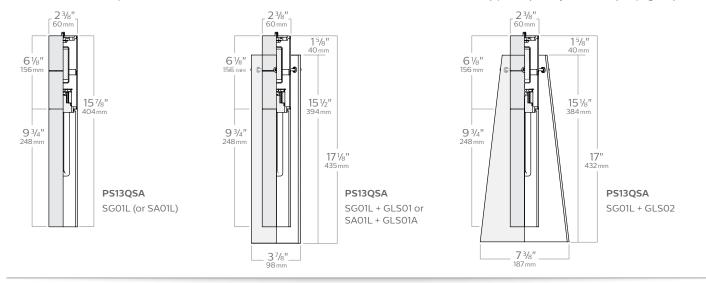
Hand-blown opal glass sheathed in crystal clear glass partnered with satin machined aluminum. The elegant pendant encased in glass becomes more of a feature element.

PS with SG01L and GLS02

The crystal clear flared sheath heightens the bold effect. Satin machined aluminum and hand-blown glass.







Power Heads

Series PS	Wattage 01	Source	сст	Finish SA	Voltage
PS Decorative Pendant	01 8W	LW LED	 27 2700K 30 3000K 35 3500K 40 4000K 	SA Satin Aluminum	U Universal 120V/277V
Series PS	Wattage	Voltage	Source		Finish SA
PS Decorative Pendants	13 13W	- 120V 2 277V		twin tube quad tube	SA Satin Aluminum
	26 26W	- 120V 2 277V	– CFL 4-pin	quad tube	
	50 50W*	- 120V	 Incandeso T4 mini-ca 	cent andelabra	

* Do not configure incandescent fixtures with acrylic accessories (SA01L or GLS01A).

Note: For Osram 13W 4-pin twin tube lamps (4100K) use Lightolier # 56964. For others see spec sheets for details.

Glass/Acrylic

For LED, CFL & INC configurations.

Inner Element	Outer Element (optional)
SG01L 2 ³ /8" Opal Glass (required for all glass options)	GLS0137/8" Clear GlassGLS027 3/8" Clear Glass
SA01L 2 ³ /8" Opal Acrylic* (required for all acrylic options)	GLS01A 3 ⁷ /8" Clear Glass

Power Head: comprised of die-cast and extruded aluminum components with a brushed clear lacquer finish.

Inner Element: a primary diffuser comprised of Triplex hand blown glass (PG01) or opal acrylic (PA01).

Outer Element: a 3⁷/8" diameter (GLSO1) cylindrical section of clear extruded glass with polished edges. A 7³/8" diameter (GLSO2) conical section of clear extruded glass with polished edges. A 3⁷/8" diameter (GLO1A) cylindrical section of clear acrylic is also available. All outer assemblies come with a die-cast aluminum holder ring with stainless steel support pins.

PS LED, CFL & INC Vetro (conical)

Architectural decorative pendant with satin aluminum housings

Two-piece machined aluminum outer housing contains electrical components. Hand-Blown Triplex glass provides an even spread of illumination along the length of the primary glass element.







PS with SG03L

Satin machined aluminum and hand-blown opal glass. Parallel lines of the symmetric power head diverge when fused to the conical hand blown glass.

PS with SG03L and GLS02

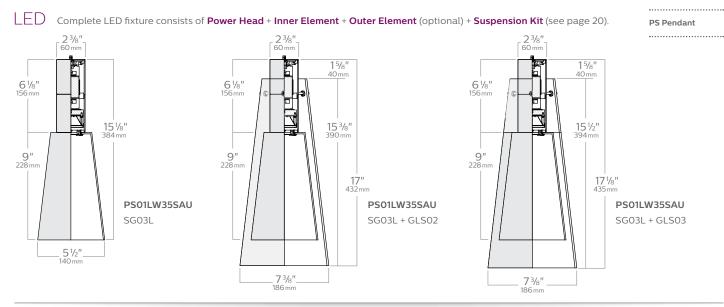
Hand-blown opal glass sheathed in flared crystal clear glass partnered with satin machined aluminum provides a striking luminaire for featured spaces.

PS with SG03L and GLS03

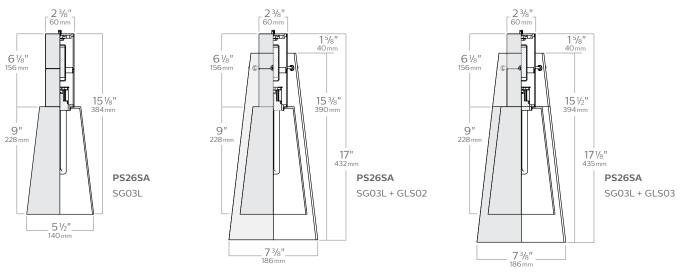
Satin machined aluminum and hand-blown glass. Lightly frosted outer glass provides an element of mystery to the pendant.











Power Heads

Series PS	Wattage 01	Source	ССТ	Finish SA	Voltage
PS Decorative Pendant	01 8W	LW LED	 27 2700K 30 3000K 35 3500K 40 4000K 	SA Satin Aluminum	U Universal 120V/277V
Series PS	Wattage	Voltage	Source		Finish SA
PS Decorative Pendant	13 13W	– 120V2 277V	– CFL 4-pin Q CFL 4-pin	twin tube quad tube	SA Satin Aluminum
	26 26W	– 120V2 277V	– CFL 4-pin	quad tube	
	50 50W	– 120V	 Incandeso T4 mini-ca 		

Note: For Osram 13W 4-pin twin tube lamps (4100K) use Lightolier # 56964. For others see spec sheets for details.

Glass/Acrylic

For LED, CFL & INC configurations.

Inner Element	Outer Element (optional)
SGO3L 5 ¹ /2" Opal Glass (required for all glass options)	GLS02 7 ³ /8" Clear Glass GLS03 7 ³ /8" Clear and Etched Glass

Power Head: comprised of die-cast and extruded aluminum components with a brushed clear lacquer finish.

Inner Element: a primary diffuser comprised of Triplex hand blown glass (PG01) or opal acrylic (PA01).

Outer Element: a $7^{3}/s^{"}$ diameter (GLS02) conical section of clear extruded glass with polished edges. A $7^{3}/s^{"}$ diameter (GLS03) conical section of clear extruded glass with etched accent and polished edges. All outer assemblies come with a die-cast aluminum holder ring with stainless steel support pins.

PW LED, CFL & INC Vetro

Architectural decorative pendant with satin aluminum housings

The Vetro look of refined, spare elegance. Satin cast and machined aluminum paired with hand-blown opal triplex glass.



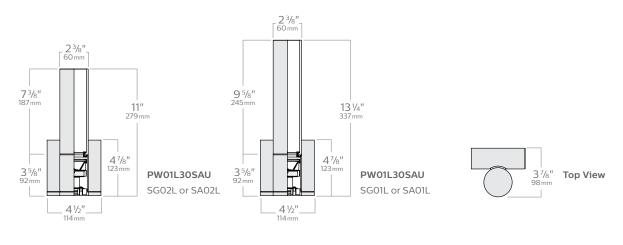


PW with SG03L Cast and machined components Hand-blown 8" triplex glass. **PW with SG03L** Cast and machined components. Hand-blown 10" triplex glass.

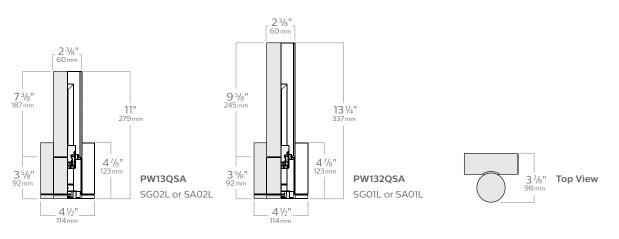
Decorative

PW Sconce

LED Complete LED fixture consists of **Power Head** + **Inner Element**.



CFL & INC Complete CFL or INC fixture consists of **Power Head** + Inner Element.



Power Heads

Series PW	Wattage 01	Source	ССТ	Finish SA	Voltage
PW Decorative Sconce	01 8W	LW LED	 27 2700K 30 3000K 35 3500K 40 4000K 	SA Satin Aluminum	U Universal 120V/277V
Series PW	Wattage	Voltage	Source		Finish SA
PW Decorative Sconce	13 13W	- 120V 2 277V	– CFL 4-pin Q CFL 4-pin	twin tube quad tube	SA Satin Aluminum
	50 50W*	– 120V	 Incandeso T4 mini-ca 		

* Do not configure incandescent fixtures with acrylic accessories (SA01L or SA02L).

Note: For Osram 13W 4-pin twin tube lamps (4100K) use Lightolier # 56964. For others see spec sheets for details.

Glass/Acrylic		For LED, CFL & INC configurations.
Inner Ele	ment	
	10" Opal Glass 8" Opal Glass	
	10" Opal Acrylic 8" Opal Acrylic	
	1	die-cast and extruded h a brushed clear lacquer finish.
		eter (SG01L) or an 8″ diameter of clear extruded glass with

(SG02L) cylindrical section of clear extruded glass with polished edges. A 10" diameter (SA01L) or an 8" diameter (SA02L) cylindrical section of clear acrylic is also available.

Pendant Suspension Kits

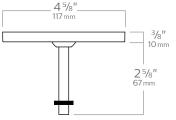
Architectural decorative pendant with satin aluminum housings

The Vetro look of refined, spare elegance. One light can do it all. Satin machined aluminum paired with Hand-blown opal glass.

Close to Ceiling kit

Stem kit

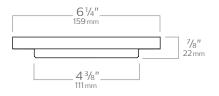
CTC: Close to ceiling kit includes satin aluminum canopy (3" length).



Surface Mount kit

SMK:

Surface Mount kit mounts the following fixtures directly to the ceiling: PM (63/8" diameter).



Downlight Details

Architectural decorative downlights accessories

Decorative element are mechanically secured to the die cast construction ring and the integral reflector from the factory. Die cast construction ring: Exterior edge of construction ring is visible, satin aluminum finish matches diameter of decorative element for a flangeless appearance. Aluminum die cast finish ring with crisp 90° edges conceals all fasteners for a clean finished appearance.

Integral reflector: 16 ga. aluminum, 50° visual cutoff to lamp and lamp image. Decorative Element is mechanically attached to reflector via die cast ring. Reflector is specular clear for best performance and aesthetics.

Lobster Claw

Cable/Cord kit

SK01:

SK02:

SK01X5:

Cable/Cord kit includes clear

jacketed steel braided power

cord and metal aircraft cable

with satin aluminum canopy.

Includes 3 solid aluminum lobster

Includes 4 solid aluminum lobster

claws to neatly secure the steel

Includes 5-Wire configuration

for optional 0-10V dimming.

4 5/8"

117 mm

claws to neatly secure the steel

jacketed power cord to the

aircraft cable (10ft. length).

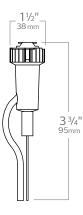
jacketed power cord to the aircraft cable (25ft. length).

Same specifications as SK01 (for LED version only).

Track Mount kit

TM01:

Track mounting kit includes clear jacketed steel braided power cord and metal aircraft cable (10ft. length). Finish of adapter body is silver powder coat and the adapter mounts to Lightolier Lytespan Track.



3/8" 10 mm

Cover glass: 4" Evolution contains high temperature perimeter frost.

Trim kit: For 4" Evolution, trim kit, reflector and decorative element ship complete.

Frame-in kit: Specified separately. See frame-in kit specification sheet for details.

Labels

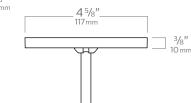
Decorative Pendants and Downlight Elements are cULus Listed. Suitable for Damp Locations

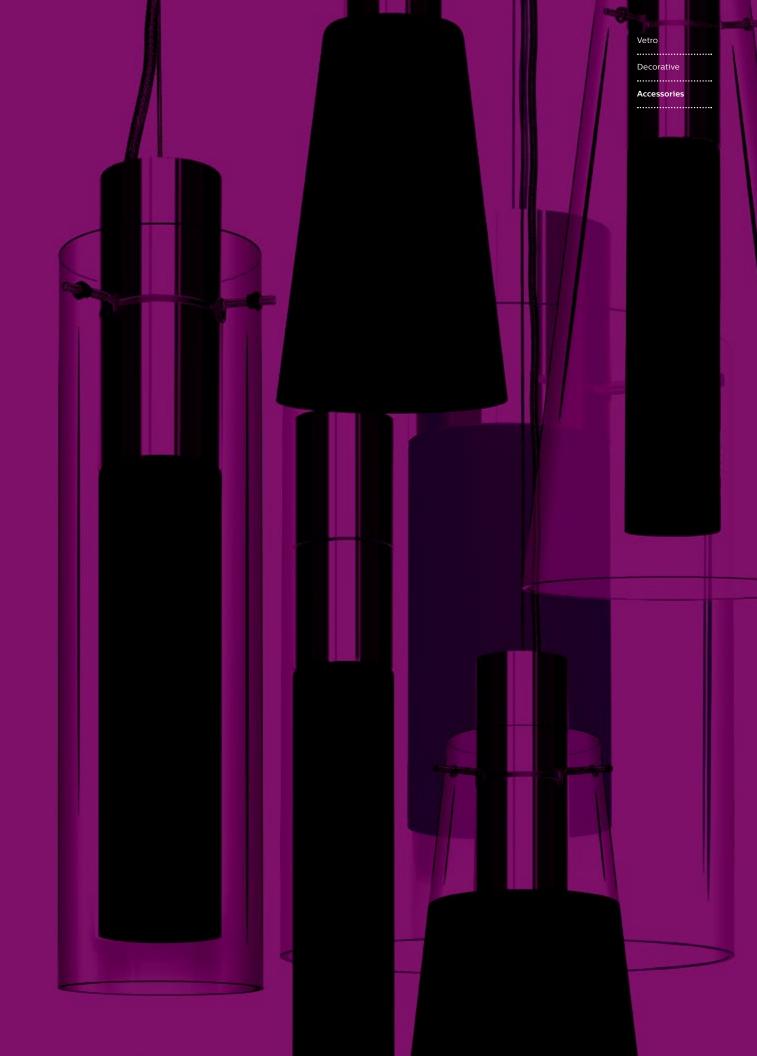
ST01 (3ft. length 3/8" diameter).

stem with matching canopy.

Stem kit includes satin aluminum

ST02: (5ft. length 3/8" diameter).







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