



Robert Singer & Associates Residential Portfolio

Mountain Edition

Robert Singer & Associates, Inc., established in 1981, is an award winning lighting design firm specializing in high end residential and commercial projects throughout the world. RSA's base office is located in Aspen, Colorado with a branch office in Scottsdale, Arizona. Many of RSA's award winning projects have been featured in several design publications and books. Robert Singer & Associates is a member of IALD, IES, US Green Building Council and is also a LEED Certified Company.





MORNINGSTAR RESIDENCE

This mountain residence combines traditional architecture with modern lines and rustic finishes to create a unique home that compliments its environment. The lighting throughout the home was designed to highlight architectural forms with a minimal impact from the source. Mounting exterior light fixtures to the exposed structure under the decks creates pools of light, without the light pollution that can be caused from using decorative fixtures. LED accent lighting throughout the home, minimizes energy costs while highlighting ceilings and walls. A house wide dimming system uses customized scenes with balanced light levels to create a comfortable environment. The rooms multiple layers of light are simplified with the use of the scenes with buttons for room on, low and off easily accessible from the room's entryway. Consistency of design, accents of architectural forms and materials, and ease of use were the basis for this design and the end result is remarkable.

ARCHITECTURE— Zone 4 Architects

INTERIORS— Association 3

GENERAL CONTRACTOR— Birkor Construction

ELECTRICAL CONTRACTOR— R&A Enterprises

PHOTOGRAPHY— Steve Munding

2014 Winner of the Cooper Source Awards

2014 Winner of the IES Illumination Design Award



A stone wall anchors the rusted steel fireplace in the Great Room. Vertically placed LEDs are hidden behind the steel, floating the fireplace and reinforcing the transition between materials. Uplights graze the stone from below and downlights highlight the upper part of the stone and the seating areas.



Wood trusses and beams throughout the main living space conceal linear LED lighting, providing illumination on the extensive wood ceiling helping to keep the space lofty and bright. Uplights highlight the texture and coloration of the stone wall that grounds the side of the Great Room hall. Downlights add general illumination and art accent.

A stone accent wall at the headboard is washed with mirrored trim downlights with lamps on either side of the bed offering reading and decorative light. Uplights in the beams on either side of the room house linear LED fixtures that wash the wood ceiling.



The marble shower wall in the Master Bath is grazed with wet location Linear LED fixtures. Sconces on either side of each mirror provide high levels of illumination and accent the mosaic wall behind them. Linear LED's float the vanity and continue the mosaic accent.



Multiple lighting techniques are used in the office/media room creating a unique and functional space. A linear LED wall graze fixture accents the stone wall behind the desk with downlights adding accent light to the front of the art piece. Uplighting within the cove adds a soft level of illumination and downlights provide the remaining ambient light.

CRYSTAL LAKE RESIDENCE

Sitting at the base of the mountain with a view of Independence Pass, this home was designed to make the most of its small footprint, with an open floor plan that creates a spacious, yet cozy feel. The exterior of the house holds true to the mountain home style, however, in the interiors, you will find a more contemporary design complemented by wood trusses, bamboo floors, dry-stacked stone and darkened steel. This project demonstrates how both modern and rustic styles can be integrated together using both architectural and lighting details. Several layers of light were used throughout the home to provide comfortable, yet functional living space with the necessary balance of accent and ambient light. Coordinating details with the architecture resulted in an inviting family home nestled in the mountains.

At the exterior of the house, high sconces on the columns wash the stone, while low step lights illuminate the walkways on the upper and lower decks. Adjustable accent lights provide directional lighting for the lower seating area. The railing above is highlighted with a linear LED light source hidden in the handrail. The interior glows from the linear uplighting on the trusses, as well as single and multi-lamp downlights.

ARCHITECTURE—Charles Cunniffe Architects, Colorado

INTERIORS—Home Owner

GENERAL CONTRACTOR—Olson Builders, Colorado

ELECTRICAL CONTRACTOR—Twins Peaks Electrical, Colorado

PHOTOGRAPHY—Nick Tinienko, Colorado

2008 Winner of the Cooper Source Awards





The main living space utilizes linear uplighting in the trusses for indirect ambient light to enhance architectural details and discreet downlights in the wood ceiling for accent light in the seating area. The art is highlighted with carefully placed monopoints. A custom chandelier is featured above the dining table.









WATSON DIVIDE RESIDENCE

Located on a large elk preserve this traditional mountain home overlooks a river valley and mountains in the distance. Large windows take advantage of the beautiful views in every direction. The architecture focuses on the use of natural materials. Large wood columns anchor the entry and main staircase of the home; wood beams, stone fireplaces and oak millwork completed the look. The warmth of the finishes is brought to life using halogen downlights, uplights and concealed linear incandescent sources. Supplemental lighting is provided by LED puck lights and linear LED sources to provide accents on countertops and shelves. Every room in this house was carefully planned, from layout to cabinetry. Through coordination with plumbing, HVAC, fire protection and audio visual equipment, ensured that the finished space is well lit, while allowing the house to function as desired. The product of this coordination is a majestic wood and timber mountain dream home.

ARCHITECTURE—Poss Architecture + Planning

INTERIORS—Eric Charles Design

GENERAL CONTRACTOR—Structural Ass, Colorado

ELECTRICAL CONTRACTOR—R&A, Colorado

PHOTOGRAPHY—Nick Tinienko

2009 Winner of the Cooper Source Awards

2009 Winner of the IES Illumination Design Award





Attention is drawn to the wood coffer detail in the Recreation Room, using linear product to illuminate the ceiling. Adjustable downlights accent the end tables and bar tops, while a pendant provides lighting for the pool table. A linear LED product illuminates the bar face and cabinet interior.

The great room is a focal point of the home. Layers of light were created using multiple circuits of downlights to enhance the fireplace and seating groups. A concealed linear source is built into the shade pocket for additional ambient lighting and to emphasize the wood trusses.

A fiber optic star-field is reflected in the water of the pool below. Color changing linear LED fixtures creates sunrise and sunset effects. Beyond the pool room, uplights graze the wood columns and elevator shaft. Downlights add to ambient exterior light and bring out the seating area and stone walls inside.





MOUNTAIN RESIDENCE

With un-paralleled panoramic views, this private residence sits atop a ridge surrounded by nature. The architecture throughout the main living space in the house is open with high ceilings and showcases the natural finishes of wood, stone and steel in a variety of ways. This project demonstrates how clean modern design can be eloquently integrated into a simple traditional building shape and style. Concealed linear lighting in structural steel I-beams were required to provide the appropriate light levels and balanced the brightness in all spaces without compromising the traditional feel and structure of the house. Along with downlights and decorative fixtures, the addition of multiple concealed architectural lighting details helped to provide the ambient light in some of the areas. These details were carefully coordinated to fit within and bring attention to the architecture, as well as adding interest to the large surface areas created by the tall spaces.

The San Juan Mountain Range is beautifully framed through the large sliding glass doors of the breezeway joining the master suite to the main section of the house. Linear uplight sources are concealed in the timber structure of the entry way to provide a comfortable glow along with decorative pendants.

ARCHITECTURE—Poss Architecture + Planning

INTERIORS—KCG Studio

GENERAL CONTRACTOR—Fortenberry Construction

ELECTRICAL CONTRACTOR—Peak to Creek Electrical Group

PHOTOGRAPHY—Nick Tinienko

2006 Winner of IALD Award

2007 Winner of IALD Award

2007 Winner of International Illumination Design Award







Custom steel I-beams conceal linear sources that uplift ceilings throughout the home.

WLDCAT BARN

This charming barn located on a working ranch just outside of Snowmass, Colorado, is a perfect display of design and function. RSA created the designs for these custom made lighting fixtures to complement the spaces while adding an iconic style. The large horseshoe motif pendant illuminates the tall gable ceiling, accenting the height of the space and creating a welcome entry. Sconces at the exterior stall doors illuminate the exterior runs, providing light to check on the horses after dark. Low profile surface mount fixtures evenly light the aisle way within the barn. These fixtures coordinate with the iron details on both the pendant and sconces and provide both path and ceiling illumination.

ARCHITECTURE— Poss Architecture + Planning

GENERAL CONTRACTOR— Brikor

ELECTRICAL CONTRACTOR— R&A Enterprise

PHOTOGRAPHY— Nick Tinienko









INDEPENDENCE PASS RESIDENCE

The traditionally styled home is nestled in a small valley with views of Ajax Mountain and Independence Pass. Contemporary Architectural design mixes with traditional millwork and finishes creating a timeless masterpiece. Linear LED's provide both indirect cove lighting and high output closet lighting, minimizing energy use while maintaining the warmth and function of the spaces. Custom detailing throughout the home creates distinct features allowing the finish choices to shine. Recessed downlights work in conjunction with concealed uplighting to accentuate the architecture and artwork as well as to provide general lighting in the spaces. Custom decorative lighting fixtures bring warmth to the home, working with the many other layers of light to produce cozy living spaces throughout. This approach allowed the decorative fixtures to be stylistically chosen to harmonize with the interior design. The well designed home harmonizes with its environment, taking advantage of all the mountains have to offer.

ARCHITECTURE— Arthur Chabon Architects

ELECTRICAL— R&A Enterprise

PHOTOGRAPHY— Steve Munding



The majestic staircase is illuminate with step light, with a direct cove with LED linear source accent, seen in both entrance and living room. Down lights graze the mill ceiling and custom wood walls.

Indirect truss lighting creates a warm glow on ceiling, while super adjustable down lighting illuminates the accents, wall and art.





Decorative chandeliers highlight the kitchen island with downlights and under cabinet lighting providing supplemental and task light.



Perimeter uplight is concealed in a decorative crown detail with antique sconces and chandelier providing artistic elements. Downlights highlight the side tables and sculptures in the space.



Linear LED lighting highlights the closet and vanity.

GRACIE'S CABIN

Situated at the base of the Snowmass ski slopes in Colorado, this 10,000sq.ft. private residence was designed to be timeless, comfortable, and very functional for the large family and entertaining uses demanded of it. Decorative fixtures play a large part in the overall aesthetic quality of the house, however, it is the concealed architectural light sources that make the features of the house come alive. The challenge was to compliment the architecture of the house by accenting the finishes and features subtly. The architectural lighting details were to be as inconspicuous as possible, blending in with their surroundings. Reclaimed timbers, heavily textured plaster walls, and rough stonework are some of the dominant features of the architectural design that stand out when grazed by the lighting design.

ARCHITECTURE— Robert Orr & Associates

CONTRACTOR— Brikor

ELECTRICAL— R&A Enterprise

PHOTOGRAPHY— Paul Bardagjy





Layers of light and details make the master bedroom stand out as a featured space in the house. Linear sources recessed in the floor of the balcony uplight the ceiling and let the fireplace penetrate through the balcony, while adjustable downlights provide subtle general light in the room.



COLOROW RESIDENCE

This custom residence lies high upon a vista in the Rocky Mountains. Taking advantage of the beautiful mountain views the home's main living spaces are linked together with floor to ceiling windows along the length of the home. To keep the lighting in the space consistent, custom pendants and chandeliers were created using a combination of round frosted and rectangular clear glass panels. These fixtures' contemporary design ties into the architecture while the ironwork structure relates to the rustic style of the home. The variety of trim options used, enabled RSA to accent select objects and surfaces with minimal intrusions on the ceiling plane. A control system is used with preset custom scenes programmed for the home owners. A path button illuminates downlights and recessed step lights throughout the home to a low level, allowing occupants to easily make their way around with minimal energy use. An entertainment scene brings the house to life with artwork and focal areas lit at a higher level than pathways and secondary spaces. Western art and styling add to the rustic feel of the home while contemporary architecture and millwork help the home feel light and fresh. Layers of light illuminate the home, washing ceiling planes, with focused accents of artwork and decorative elements used to ground and delineate the space.

ARCHITECTURE—Poss Architecture + Planning

INTERIORS— George Terbovich

GENERAL CONTRACTOR— Beck Building

ELECTRICAL CONTRACTOR— Marmot Electric

PHOTOGRAPHY— Gibeon Photography

2013 Winner of the Cooper Source Award



The dining room table is anchored in the kitchen space with the large scale chandelier. Downlights are used for accent and task illumination. Linear LED fixtures provide additional task lighting underneath the upper cabinets.



Custom pendants delineate and accent the bar area. Artwork and furnishings are highlighted with downlights.

The large volume of the great room is lit with linear product mounted within the beams and trusses. Recessed downlights and lamps complete the comfortable seating space.





The custom fixtures in the game area illuminate both the space and the pool table surface. Even illumination on the bookshelves, keep the sides of the niche bright.



Artwork throughout the home is accented with downlights, employing a number of lenses to spread and soften the light. Another custom chandelier tiers down three levels providing interest and general illumination. Recessed step lights throughout the home provide path lighting with minimal glare and are designed to blend seamlessly into the walls.

SERVICE

DESIGN DEVELOPMENT

Design development includes the complete review of all architectural drawings including: furniture plans, reflected ceiling plans, interior elevations, details and sections. The preparation of the lighting plans is based on this review, as well as meeting with clients. RSA will provide the locations and types of fixtures, along with preliminary concept details and optional 3D renderings.

CONSTRUCTION DOCUMENTS

Preparation of final CAD lighting plans for base drawings supplied by architect; indicating the location, dimensions and control switches, circuitry and type of lighting fixtures specified. Additional documentation will include conceptual lighting details, fixtures specifications, control and load schedules and specifications.

CONTROL SYSTEM & PROGRAMMING

Complete lighting control system design including integration with daylight, audio visual control systems and security systems. Control system documentation will include load schedules, panel schedules, control station guides and programming.

ON SITE SERVICES

Regular on-site visits to ensure proper installation of lighting fixtures, with the coordination of all field conditions. Site specific mock-ups of conceptual lighting details, upon request.

CONSTRUCTION ADMINISTRATION

Construction coordination with design team and contractors to ensure proper execution of lighting design. Documentation will include revisions and continuous coordination with on-site conditions.

FINAL FOCUS & CONTROL PROGRAMMING

On-site supervision and fine tuning of entire lighting system including control.



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