CABLE SUSPENDED (CS)

EXTRUDED ALUMINUM كك HOUSING MACHINED END CAPS PREMIUM LEDS WITH VARIOUS COLOR TEMPERATURES AND LIGHT OUTPUT 1 - 11/16" SOFT GLOW FROSTED LENS **4**-1 - 11/16" →

FFATURES:

TYPE:

- · Powered Suspension System No power cord
- · High transmission frosted lenses with no diode imaging
- · No visible fasteners
- · Extruded aluminum housing
- Dimmable/Programmable drivers for controllable light output
- · High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 3/8" thick machined end caps

NOTES:

• REQUIRES REMOTE DRIVER(S) (see page 7 for more info)

PRODUCT SPECIFICATION

NOTE: All options italicized may increase lead times and/or incur higher costs - please consult factory with questions.

FIXTURE TYPE H1	MOUNTING/ ORIENTATION	NOMINAL LENGTH*	COLOR TEMP	LED DRIVE POWER	VOLTAGE	DRIVER	HOUSING FINISH
H1 Hydrogen1	CSD Cable Suspended - DIRECT CSI Cable Suspended - INDIRECT	1' 1' 1-3/8" 2' 2' 1-3/8" 3' 3' 1-3/8" 4' 4' 1-3/8" 5' 5' 1-3/8" 6' 6' 1-3/8" 7' 7' 1-3/8" 8' 8' 1-3/8" CR' Continuous Run (Specify length in nominal feet) *Dimensions are for reference only. Contact factory for more specific information or shop drawings. **Odd lengths may incur slightly higher per foot pricing.	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	VLO Very Low Output 455 lumens/ft (4w/ft.) LO Low Output 690 lumens/ft. (6w/ft.) SO Standard Output 900 lumens/ft. (8w/ft.) HO High Output 1,130 lumens/ft. (10w/ft.) VHO Very High Output 1,310 lumens/ft. (12w/ft.) CPO Custom Power Output Consult factory	UNV Universal (120-277v)	ND Non-Dimming	SC Satin Clear Anodize (Standard) SW Satin White (Powder Coat) MB Matte Black (Powder Coat) CF Custom Finish* (Consult Factory)

HARDWARE* DETAIL FINISH	DRIVER HOUSING FINISH	CANOPY SIZE OPTIONS*	CANOPY FINSH	POWER CORD COLOR	AIRCRAFT CABLE LENGTH*	OPTIONS/ CUSTOMIZATION*
MF Machined Finish (Standard) CF Custom Finish (Consult Factory) NOTE: MF option is strongly recommended. Other options will result in higher costs and potentially longer lead times. ""Hardware" refers to the end caps and knuckles (knuckles only for the "Rotational" option).	MA Mill Alumiunum* SC Satin Clear SW Satin White SB Satin Black CF Custom Finish (Consult Factory)	5 SERIES 55 5" Power feed canopy 5" Non-power feed canopy 5" Non-power feed canopy 2" Non-power feed canopy 2" Non-power feed canopy Canopy only at power feed 4 SERIES 44 4" Power feed canopy 4" Non-power feed canopy 4" Non-power feed canopy 4" Power feed canopy 1" Non-power feed canopy 4" Power feed canopy 2" Non-power feed canopy 4" Power feed canopy 4" Power feed canopy 5" Non-power feed canopy 6" Non-power feed	SW Satin White (Standard) CPC Custom Powder Coat Canopy Finish*	PSS Powerd Suspension System (No Power Cord) CC Custom Cord*	2 2' 4 4' 6 6' 8 8' CL_ Custom Length** (Specify in feet IE: CL10 for 10') *Cables are field adjustable. ** Consult factory to confirm specific lendth.	XX No EMB or Customization EMB7 7 Watt battery back-up** (Approximately 600 lumens) EMB12 12 Watt battery back-up** (Approximately 1,000 lumens) 90 90+ CRI LED BDARDS (2700K - 4000K only) CCP Corners/patterns* CD Custom Driver* CR Customization Requested* NOTE: Customization may incur higher costs and/or increased lead times. *Consult the factory for all custom options or custom concept requests. **The EMB12 is slightly more expensive than the EMB3 option (BOTH OPTIONS ARE REMOTE ONLY).

SPECIFICATION INFORMATION

GENERAL NOTES:

All fixtures are **UL listed** for **dry** and **damp** locations.

REMOTE DRIVER for all options.

Please contact the factory with any specification questions. Italicized grayed out options may incur additional costs and/or extended lead times. Please consult the factory.

FIXTURE ORIENTATION: Direct (CSD) for downlight applications.

Indirect (CSI) for uplight applications.

DRIVER: [REMOTE]

1) NON-DIMMING: As described... this fixture will not dim. 2) DIMMING: 0-10v: 1%, 10% :: Lutron: 2-wire Forward phase (Hi-Lume 1%), Ecosystem to 1% (Soft On), Ecosystem to 5% (5 Series). "DALI" - Specify driver. See "Dimming Options" on subsequent pages for more information. For other dimming options, consult the factory. 3) EMERGENCY: Specify EMB under the Options/Customization category at the end of the cut sheet along with the desired lumen output (600 or 1,000 lumens - the latter is slightly more costly).

- 4) Drivers are programmed according to our standard lumen packages or to custom watt/lumen package requirements.
- 5) Consult factory with any questions or specification requirements.

The standard finish is a Satin Clear anodized housing with Machine Finished hardware. Machined finish is preferable for machined components (Hardware Detail) - Powder coating these parts may result in additional costs. Consult the factory with any questions about standard or custom finishing options.

CUSTOMIZATION:We have numerous custom options available. However, if there is something unique required for a project, from simple options to complete custom requests, we are more than willing to entertain any creative notions you might have. Just ask.



SURFACE MOUNT (SM)

EXTRUDED ALUMINUM كك HOUSING l - 11/16" MACHINED END CAPS PREMIUM LEDS WITH VARIOUS COLOR 3 - 3/8" TEMPERATURES AND LIGHT OUTPUT 1 - 11/16" SOFT GLOW FROSTED LENS 1 - 11/16" →

FFATURES:

TYPE:

- Ceiling or wall mounting system
- · High transmission frosted lenses with no diode imaging
- · No visible fasteners
- · Extruded aluminum housing
- Dimmable/Programmable drivers for controllable light output
- · High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 3/8" thick machined end caps

NOTES:

• REQUIRES REMOTE DRIVER(S) (see page 7 for more info)

PRODUCT SPECIFICATION

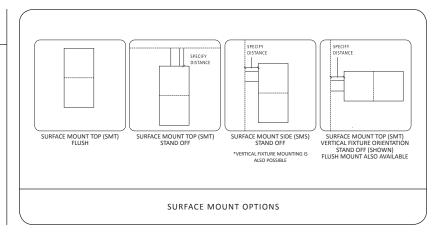
NOTE: All options italicized may increase lead times and/or incur higher costs - please consult factory with questions.

OPTIONS/

FIXTURE	MOUNTING/	NOMINAL	COLOR	LED DRIVE			HOUSING	HARDWARE*
TYPE	ORIENTATION	LENGTH*	TEMP	POWER	VOLTAGE	DRIVER	FINISH	DETAIL FINISH
H1								
H1 Hydrogen1	SMS Surface Mount - SIDE SMT Surface Mount - TOP	1' 1' 1-3/8" 2' 2' 1-3/8" 3' 3' 1-3/8" 4' 4' 1-3/8" 5' 5' 1-3/8" 6' 6' 1-3/8" 7' 7' 1' 1-3/8" 8' 8' 1-3/8" CR_' Continuous Run (Specify length in nominal feet)	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	VLO Very Low Output 455 lumens/ft. (4w/ft.) LO Low Output 690 lumens/ft. (6w/ft.) SO Standard Output 900 lumens/ft. (8w/ft.) HO High Output 1,130 lumens/ft. (10w/ft.) VHO Very High Output 1,310 lumens/ft. (12w/ft.) CPO Custom Power Output Consult factory	UNV Universal (120-277v)	ND Non-Dimming O-100 DIMMING 10D 10% DIM 1D 1% DIM LUTRON LITEA LUTON HI-LUME 1% (2-Wire) LDE1 Lutron EcoSystem 1% "Soft on" (Digital) LDE5 Lutron EcoSystem 5% 5-Series (Digital) DALI Digital Addressable	SC Satin Clear Anodize (Standard) SW Satin White (Powder Coat) MB Matte Black (Powder Coat) CF Custom Finish* (Consult Factory)	MF Machined Finish (Standard) CF Custom Finish (Consult Factory)
		*Dimensions are for reference only. Contact factory for more specific information or shop drawings. **Odd lengths may incur slightly higher per foot pricing.				Lighting Interface	*RAL and color match are available.	strongly recommended. Other options will result in higher costs and potentially longer lead times. "Hardware" refers to the end caps and knuckles (knuckles only for the "Rotational" option).

HOUSING FINISH	DISTANCE	CUSTOMIZATION*
MA Mill Alumiunum* SC Satin Clear SW Satin White SB Satin Black CF Custom Finish (Consult Factory)	O Flush .5 Half Inch 1 1" 3 3" 6 6" CU_ Custom (Specify in ft IE: CU4.5 for 4.5')	XX No EMB or Customization EMB7 7 Watt battery back-up** (Approximately 600 lumens) EMB12 12 Watt battery back-up** (Approximately 1,000 lumens) 90 90+ CRI LED BOARDS (2700K - 4000K only) CCP Corners/patterns* CD Custom Driver* CR Customization Requested*
*Most cost effective		NOTE: Customization may incur higher costs and/ or increased lead times. "Consult the factory for all custom options or custom concept requests. "The EMB12 is slightly more expensive than the EMB7 option (BOTH OPTIONS ARE REMOTE ONLY).

STAND OFF



SPECIFICATION INFORMATION

DRIVER

All fixtures are **UL listed** for **dry** and **damp** locations.

REMOTE DRIVER for all options.

Please contact the factory with any specification questions. Italicized grayed out options may incur additional costs and/or extended lead times. Please consult the factory.

DRIVER: [REMOTE]

1) NON-DIMMING: As described... this fixture will not dim. 2) DIMMING: 0-10v: 1%, 10% :: Lutron: 2-wire Forward phase (Hi-Lume 1%), Ecosystem to 1% (Soft On), Ecosystem to 5% (5 Series). "DALI" - Specify driver. See "Dimming Options" on subsequent pages for more information. For other dimming options, consult the factory. 3) EMERGENCY: Specify EMB under the Options/Customization category at the end of the cut sheet along with the desired lumen output (600 or 1,000 lumens - the latter is slightly more costly).

4) Drivers are programmed according to our standard lumen packages or to custom watt/lumen package requirements.

5) Consult factory with any questions or specification requirements.

The standard finish is a Satin Clear anodized housing with Machine Finished hardware. Machined finish is preferable for machined components (Hardware Detail) - Powder coating these parts may result in additional costs. Consult the factory with any questions about standard or custom finishing options.

CUSTOMIZATION:

We have numerous custom options available. However, if there is something unique required for a project, from simple options to complete custom requests, we are more than willing to entertain any creative notions you might have. Just ask.



ASYMMETRICAL MOUNTING SYSTEM (ASM)

EXTRUDED ALUMINUM كك HOUSING MACHINED END CAPS PREMIUM LEDS WITH VARIOUS COLOR TEMPERATURES AND LIGHT OUTPUT 1 - 11/16' SOFT GLOW FROSTED LENS **4**-1 - 11/16" →

FEATURES:

TYPE:

- Unique, single point, asymmetric mounting system
- · High transmission frosted lenses with no diode imaging
- · No visible fasteners
- · Extruded aluminum housing
- Dimmable/Programmable drivers for controllable light output
- · High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 3/8" thick machined end caps
- 360° rotation option with cable or tube suspension

NOTES:

• REQUIRES REMOTE DRIVER(S) (see page 7 for more info)







PRODUCT SPECIFICATION

NOTE: All options italicized in gray may increase lead times and/or incur higher costs - please consult factory with questions.

FIXTURE TYPE H1	MOUNTING	FIXTURE ORIENTATION	NOMINAL LENGTH*	COLOR TEMP	LED DRIVE POWER	VOLTAGE	DRIVER	HOUSING
H1 Hydrogen1	ASM-C Asymmetric Suspension Mount - ASM-T Asymmetric Suspension Mount - TUBE	D Direct I Indirect	2' 24" Lit - 12" Non-Lit 3' 36" Lit - 18" Non-Lit 4' 48" Lit - 24" Non-Lit *Actual non-lit lengths are nominal.	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	VLO Very Low Output 455 lumens/ft. (4w/ft.) LO Low Output 690 lumens/ft. (6w/ft.) SO Standard Output 900 lumens/ft. (8w/ft.) HO High Output 1,130 lumens/ft. (10w/ft.) VHO Very High Output 1,310 lumens/ft. (12w/ft.) CPO Custom Power Output Consult factory	UNV Universal (120-277v)	ND Non-Dimming 0-10v DIMMING 1D 10% DIM 1D 1% DIM LUTRON DEOSystem 1% 'Soft on' (Digital) LUTOS EcoSystem 5% 5-Series (Digital) DALI Digital Addressable Lighting Interface	SC Satin Clear Anodize (Standard) SW Satin White (Powder Coat) MB Matte Black (Powder Coat) CF Custom Finish* (Consult Factory)

HARDWARE* DETAIL FINISH	DRIVER HOUSING FINISH	CANOPY SIZE OPTIONS*	CANOPY FINSH	POWER CORD COLOR	AIRCRAFT CABLE LENGTH*	OPTIONS/ CUSTOMIZATION*
MF Machined Finish (Standard) CF Custom Finish (Consult Factory)	MA Mill Alumiunum* SC Satin Clear SW Satin White SB Satin Black CF Custom Finish (Consult Factory)	5 5" Power feed canopy 4 SERIES 4" Power feed canopy	CANOPY SW Satin White (Standard) CPC Custom Powder Coat Canopy Finish* CANOPY MF Machine Finish (Standard) SW Satin White CF Custom Finish*	PSS Powerd Suspension System (No Power Cord) NA Not Applicable (Use with ASM-T Specification) CC Custom Cord*	1' 12" 2' 24" 3' 36" 4' 49" CU Custom Length** (Specify in feet IE: CU4 for 4')	XX No EMB or Customization EMB7 7 Watt battery back-up** (Approximately 600 lumens) EMB12 12 Watt battery back-up** (Approximately 1,000 lumens) 90 90+ CRI LED BOARDS (2700K - 4000K only) CCP Corners/patterns* CD Custom Driver* CR Customization Requested*
NOTE: MF option is strongly recommended. Other options will result in higher costs and potentially longer lead times. ""Hardware" refers to the end caps and knuckles (knuckles only for the "Rotational" option).	*Most cost effective.	*See options section and installation instructions for more information.	*Just about any finish is possible. For the 4" machined canopies, MF is strongly recommended. Contact the factory with questions or requests.	*Consult the factory.	*Cables are field adjustable. ** Consult factory to confirm specific length.	NOTE: Customization may incur higher costs and/ or increased lead times. "Consult the factory for all custom options or custom concept requests. "The EMB12 is slightly more expensive than the EMB7 option (BOTH OPTIONS ARE REMOTE ONLY).

SPECIFICATION INFORMATION

All fixtures are **UL listed** for **dry** and **damp** locations.

REMOTE DRIVER for all options.

Please contact the factory with any specification questions. Italicized grayed out options may incur additional costs and/or extended lead times. Please consult the factory.

FIXTURE ORIENTATION: Direct (D) for downlight applications.

Indirect (I) for uplight applications.

DRIVER: [REMOTE]

1) NON-DIMMING: As described... this fixture will not dim. 2) DIMMING: 0-10v: 1%, 10% :: Lutron: 2-wire Forward phase (Hi-Lume 1%), Ecosystem to 1% (Soft On), Ecosystem to 5% (5 Series). "DALI" - Specify driver. See "Dimming Options" on subsequent pages for more information. For other dimming options, consult the factory. 3) EMERGENCY: Specify EMB under the Options/Customization category at the end of the cut sheet along with the desired lumen output (600 or 1,000 lumens - the latter is slightly more costly).

- 4) Drivers are programmed according to our standard lumen packages or to custom watt/lumen package requirements.
- 5) Consult factory with any questions or specification requirements.

The standard finish is a Satin Clear anodized housing with Machine Finished hardware. Machined finish is preferable for machined components (Hardware Detail) - Powder coating these parts may result in additional costs. Consult the factory with any questions about standard or custom finishing options.

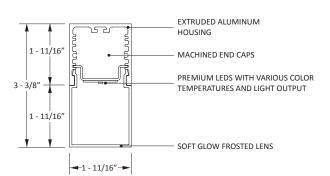
CUSTOMIZATION:

0418

We have numerous custom options available. However, if there is something unique required for a project, from simple options to complete custom requests, we are more than willing to entertain any creative notions you might have. Just ask.



END SURFACE MOUNT - SHORT (ESM)



FEATURES:

· Wall Mount

TYPE:

- · High transmission frosted lenses with no diode imaging
- · No visible fasteners
- · Extruded aluminum housing
- Dimmable/Programmable drivers for controllable light output
- · High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 3/8" thick machined end caps

- REQUIRES REMOTE DRIVER(S) (see page 7 for more info)
- For longer fixture lengths option, see Page 5



NOTES:

PRODUCT SPECIFICATION

NOTE: All options italicized in gray may increase lead times and/or incur higher costs - please consult factory with questions.

FIXTURE TYPE H1	MOUNTING/ ORIENTATION	NOMINAL LENGTH*	COLOR TEMP	LED DRIVE POWER	VOLTAGE	DRIVER	HOUSING FINISH
H1 Hydrogen1	ESMD End Surface Mount - DIRECT ESMI End Surface Mount - INDIRECT	1' 1' 1-3/8"** 2' 2' 1-3/8" *Dimensions are for reference only. Contact factory for more specific information or shop drawings. **Odd lengths may incur slightly higher	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	VLO Very Low Output 455 lumens/ft. (4w/ft.) LO Low Output 690 lumens/ft. (6w/ft.) SO Standard Output 900 lumens/ft. (8w/ft.) HO High Output 1,130 lumens/ft. (10w/ft.) VHO Very High Output 1,310 lumens/ft. (12w/ft.) CPO Custom Power Output Consult factory	UNV Universal (120-277v)	ND Non-Dimming 0-10v DIMMING 10D 10% DIM 1D 1% DIM LUTRON LITRON LUTRON LUTRON LUTRON LUTRON LUTRON LUTRON LUTRON LUTRON LUTRON LOFS Lutron EcoSystem 1% "Soft on" (Digital) LDE5 Lutron EcoSystem 5% 5-Series (Digital) DALI DALI DALI Digital Addressable Lighting Interface	SC Satin Clear Anodize (Standard) SW Satin White (Powder Coat) MB Matte Black (Powder Coat) CF Custom Finish* (Consult Factory)

HARDWARE* DETAIL FINISH	DRIVER HOUSING FINISH	MOUNTING/ COVER PLATE	OPTIONS/ CUSTOMIZATION*
MF Machined Finish (Standard) CF Custom Finish (Consult Factory)	MA Mill Alumiunum* SC Satin Clear SW Satin White SB Satin Black CF Custom Finish (Consult Factory)	4CPF Flat 4" diameter Cover Plate - For use with 3-O mud ring CCP Custom Cover Plate*	XX No EMB or Customization EMB7 7 Watt battery back-up** (Approximately 600 lumens) EMB12 12 Watt battery back-up** (Approximately 1,000 lumens) 90 90+ CRI LED BOARDS (2700K - 4000K only) CCP Corners/patterns* CD Custom Driver* CR Customization Requested*
NOTE: MF option is strongly recommended. Other options will result in higher costs and potentially longer lead times. "Hardware" refers to the end caps and knuckles (knuckles only for the "Rotational" option).	*Most cost effective.	*Consult the factory.	NOTE: Customization may incur higher costs and/ or increased lead times. *Consult the factory for all custom options or custom concept requests. **The EMB2 is slightly more expensive than the EMB7 option (BOTH OPTIONS ARE REMOTE ONLY).

SPECIFICATION INFORMATION

All fixtures are **UL listed** for **dry** and **damp** locations.

REMOTE DRIVER for all options.

Please contact the factory with any specification questions. Italicized grayed out options may incur additional costs and/or extended lead times. Please consult the factory.

FIXTURE ORIENTATION: Direct (ESMD) for downlight applications.

Indirect (ESMI) for uplight applications.

DRIVER: [REMOTE]

1) NON-DIMMING: As described... this fixture will not dim. 2) DIMMING: 0-10v: 1%, 10% :: Lutron: 2-wire Forward phase (Hi-Lume 1%), Ecosystem to 1% (Soft On), Ecosystem to 5% (5 Series). "DALI" - Specify driver. See "Dimming Options" on subsequent pages for more information. For other dimming options, consult the factory. 3) EMERGENCY: Specify EMB under the Options/Customization category at the end of the cut sheet along with the desired lumen output (600 or 1,000 lumens - the latter is slightly more costly).

4) Drivers are programmed according to our standard lumen packages or to custom watt/lumen package requirements.

5) Consult factory with any questions or specification requirements.

The standard finish is a Satin Clear anodized housing with Machine Finished hardware. Machined finish is preferable for machined components (Hardware Detail) - Powder coating these parts may result in additional costs. Consult the factory with any questions about standard or custom finishing options.

CUSTOMIZATION:We have numerous custom options available. However, if there is something unique required for a project, from simple options to complete custom requests, we are more than willing to entertain any creative notions you might have. Just ask.



END SURFACE MOUNT - LONG (ESM)

EXTRUDED ALUMINUM كك HOUSING MACHINED END CAPS PREMIUM LEDS WITH VARIOUS COLOR TEMPERATURES AND LIGHT OUTPUT 1 - 11/16" SOFT GLOW FROSTED LENS **4**-1 - 11/16" →

FEATURES:

TYPE:

- Wall mount with aircraft cable support
- · High transmission frosted lenses with no diode imaging
- · No visible fasteners
- · Extruded aluminum housing
- Dimmable/Programmable drivers for controllable light output
- High efficacy LEDs with 5 year warranty
- Under 2 steps MacAdams Ellipse Binning
- 3/8" thick machined end caps

NOTES:

• REQUIRES REMOTE DRIVER(S) (see page 7 for more info)

PRODUCT SPECIFICATION

NOTE: All options italicized in gray may increase lead times and/or incur higher costs - please consult factory with questions.

TYPE H1	MOUNTING/ ORIENTATION	NOMINAL LENGTH*	COLOR TEMP	LED DRIVE POWER	VOLTAGE	DRIVER	HOUSING FINISH	HARDWARE* DETAIL FINISH
H1 Hydrogen1	ESMD End Surface Mount - DIRECT ESMI End Surface Mount - INDIRECT	1' 1' 1-3/8" 2' 2' 1-3/8" 3' 3' 1-3/8" 4' 4' 1-3/8" 5' 5' 1-3/8" 6' 6' 1-3/8" 7' 7' 1-3/8" 8' 8' 1-3/8" CR_' Continuous Run (Specify length in nominal feet) *Dimensions are for reference only. Contact factory for more specific information or shop drawings. **Odd lengths may incur slightly higher per foot pricing.	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	455 lumens/ft. (4w/ft.) LO Low Output 690 lumens/ft. (6w/ft.)	UNV Universal (120-277v)	ND Non-Dimming	SC Satin Clear Anodize (Standard) SW Satin White (Powder Coat) MB Matte Black (Powder Coat) CF Custom Finish* (Consult Factory) *RAL and color match are available.	MF Machined Finish (Standard) CF Custom Finish (Consult Factory) NOTE: MF option is strongly recommended. Other options will result in higher costs and potentially longer lead times. "Hardware" refers to the end caps and knuckles (knuckles only for the "Rotational" option).

DRIVER	MOUNTING/	CANOPY SIZE	CANOPY	POWER CORD	AIRCRAFT CABLE	OPTIONS/
HOUSING FINISH	COVER PLATE	OPTIONS*	FINSH	COLOR	LENGTH*	CUSTOMIZATION*
MA Mill Alumiunum* SC Satin Clear SW Satin White SB Satin Black CF Custom Finish (Consult Factory)	4CPF Flat 4" diameter Cover Plate - For use with a 3-0 mud ring CCP Custom Cover Plate*	5 SERIES 55 5" Power feed canopy 5" Non-power feed canopy 2" Non-power feed canopy 2" Non-power feed canopy 50 5" Power feed canopy Canopy only at power feed 4" Power feed canopy 4" Non-power feed canopy 4" Non-power feed canopy 1" Non-power feed canopy 1" Non-power feed canopy 4" Power feed canopy 4" Power feed canopy Canopy only at power feed	SW Satin White (Standard) CPC Custom Powder Coat Canopy Finish* CANOPY MF Machine Finish (Standard) SW Satin White CF Custom Finish* *Just about any finish is	PSS Powerd Suspension System (No Power Cord) CC Custom Cord*	2 2' 4 4' 6 6' 8 8' CL Custom Length** (Specify in feet IE: CL10 for 10')	XX No EMB or Customization EMB7 7 Watt battery back-up** (Approximately 600 lumens) EMB12 12 Watt battery back-up** (Approximately 1,000 lumens) 90 90+ CRI LED BOARDS (2700K - 4000K only) CCP Corners/patterns* CD Custom Driver* CR Customization Requested*
*Most cost effective.	*Consult the factory.	*CONTINUOUS RUNS REQUIRE THE 55" OR THE 44" OPTION. CONSULT FACTORY WITH QUESTIONS. *See options section and installation instructions for more information.	possible. For the 4" machined canopies, MF is strongly recommended. Contact the factory with questions or requests.	*Consult the factory.	*Cables are field adjustable. ** Consult factory to confirm specific length.	*Consult the factory for all custom options or custom concept requests. *The EMB12 is slightly more expensive than the EMB7 option (BOTH OPTIONS ARE REMOTE ONLY).

SPECIFICATION INFORMATION

All fixtures are **UL listed** for **dry** and **damp** locations.

REMOTE DRIVER for all options.

Please contact the factory with any specification questions. Italicized grayed out options may incur additional costs and/or extended lead times. Please consult the factory.

FIXTURE ORIENTATION: Direct (ESMD) for downlight applications.

Indirect (ESMI) for uplight applications.

DRIVER: [REMOTE]

1) NON-DIMMING: As described... this fixture will not dim. 2) DIMMING: 0-10v: 1%, 10% :: Lutron: 2-wire Forward phase (Hi-Lume 1%), Ecosystem to 1% (Soft On), Ecosystem to 5% (5 Series). "DALI" - Specify driver. See "Dimming Options" on subsequent pages for more information. For other dimming options, consult the factory. 3) EMERGENCY: Specify EMB under the Options/Customization category at the end of the cut sheet along with the desired lumen output (600 or 1,000 lumens - the latter is slightly more costly).

4) Drivers are programmed according to our standard lumen packages or to custom watt/lumen package requirements.

5) Consult factory with any questions or specification requirements.

The standard finish is a Satin Clear anodized housing with Machine Finished hardware. Machined finish is preferable for machined components (Hardware Detail) - Powder coating these parts may result in additional costs. Consult the factory with any questions about standard or custom finishing options.

CUSTOMIZATION:We have numerous custom options available. However, if there is something unique required for a project, from simple options to complete custom requests, we are more than willing to entertain any creative notions you might have. Just ask.



PRODUCT SPECIFICATION

- Fixture delivered light potential: 114 Lumens/Watt*
- · Uniform light distribution
- 90+ CRI LED diode options
- Exceptional binning- less than 2 step MacAdams Elipse
- Minimum 70% initial lumen output at 70,000 hours
- Standard 0-10v dimming to %10
- · Lutron, Eldoled, Dali, and other dimming options
- 5 year system warranty

*Actual fixture efficacy will be dependent on specification. Higher lumens per watt are achieved with lower drive powers. Please contact the factory with questions or for more information.

LUMEN OUTPUT*

LUMEN OUTPUT (PER FOOT)

	LOWILIN OUT I) (
DRIVER OUTPUT	WATTAGE	LUMENS
VERY LOW (VLO)	4	455
LOW (LO)	6	690
STANDARD (SO)	8	900
нідн (но)	10	1,130
VERY HIGH (VHO)	12	1,310

PER 4' FIXTURE (TOTAL DELIVERED LUMENS)

DRIVER OUTPUT	WATTAGE	LUMENS
VERY LOW (VLO)	16	1,820
LOW (LO)	24	2,760
STANDARD (SO)	32	3,600
нібн (но)	40	4,520
VERY HIGH (VHO)	48	5,240

VERY LOW: Considerably underdrives the LEDs to maximize fixture • efficacy potential and limit wattage use.

LOW: Underdrives the LEDs for reasonable light output while *maintaining low wattage use.

STANDARD: Drives the LEDs for the best combination of lumen

autnut and fixture officery

• output and fixture efficacy.

 $\textbf{HIGH:} \ \textbf{Drive the LEDs at higher capacity for higher lumen output}$

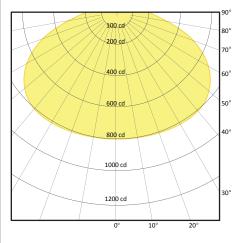
* with good efficacy.

VERY HIGH: Drives the LEDs at the highest capacity for the highest

• lumen output with the best efficacy.

*Lumen output will vary depending on ambient temperature. Cooler ambient and LED color temperatures result in higher luminaire performance. Calculations are based on 4000K LEDs.

LUMINOUS INTENSITY DISTRIBUTION



FIXTURE PROPERTIES (AS TESTED)

- 4' nominal length fixture
- Standard Output (SO)

1

- Total system energy consumption: 32 Watt
- 114 Lumens/Watt
- · 4000K 80 CRI LED

ZONAL LUMEN SUMMARY

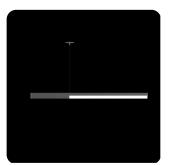
ZONE	LUMEN	%LAMP	%FIXTURE	
0 - 30	659	15.3%	18.3%	
0 - 40	1,103	25.5%	30.6%	
0 - 60	2,077	48.1%	57.6%	
0 - 90	3,065	71%	85%	
90 - 120	359	8.3%	10%	
90 - 150	514	11.9%	14.3%	
90 - 180	540	12.5%	15%	
0 - 180	3,605	83.5%	100%	

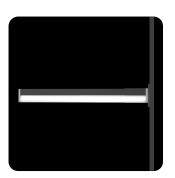












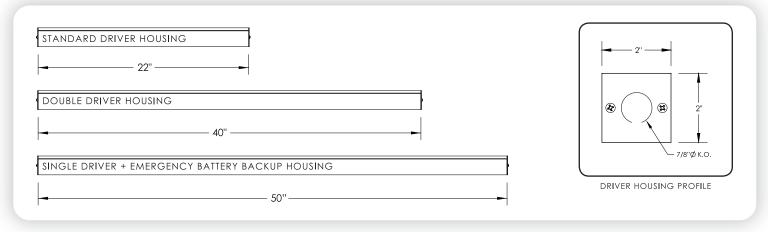


REMOTE DRIVER HOUSING INFORMATION

REMOTE DRIVER HOUSING SIZES

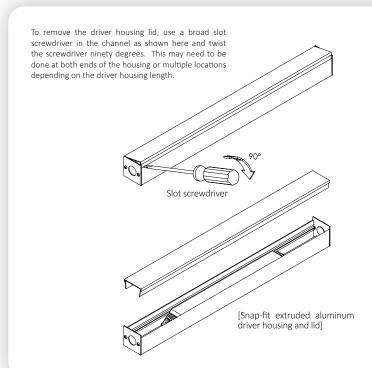


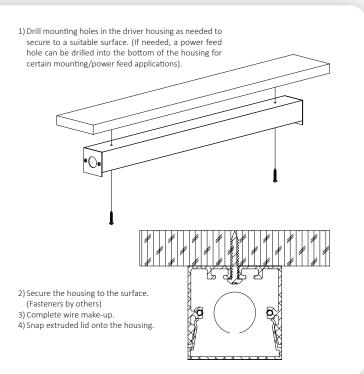




INSTRUCTIONS

See below for lid removal and installation instructions.





FINISHES

Mill Aluminum (MA) is the standard finish. Satin White and Satin Black powder coat and Satin Clear anodized finishes can be done for a small charge. Custom finishes are possible. Contact the factory for specific finish options, specific requests, RAL colors, or any other questions.



Satin White (SW)
[Upgrade Finish]









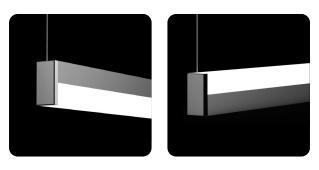
NOTES

Other options are possible. Please contact the factory with custom requests.



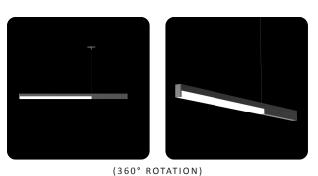
OPTIONS GUIDE

MOUNTING



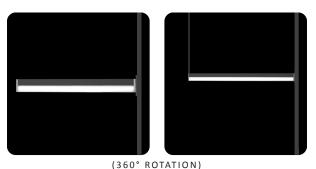
CABLE SUSPENDED (CS)

Power Suspension System. Hydrogen 1 (H1) can be static down-light: Direct (CSD) or static up-light: Indirect (CSI). Standard and custom power cord finishes, sleeve options, and canopy colors offer options to match almost any space. Stainless steel cables come in various lengths (4' is standard) and are field adjustable.



ASYMMETRIC MOUNT (ASM)

A unique configuration where the fixture is balanced from an off-center mounting point creating a dynamic aesthetic. This mounting option also allows some integral ballast options on the "1" series fixtures with standard T5 lamps. Direct, indirect, or rotational options round out this creative mounting option.



END SURFACE MOUNT (ESM)

Wall Mount. Fixtures are mounted from their ends onto the wall using standard 3-0 rings. H1 can be static down-light: Direct (ESMD) or static up-light: Indirect (ESMI). An aircraft cable suspension system will be issued if the fixtures are longer than 2 feet, if needed.



SURFACE MOUNT (SM)

Side Mount Side (SMS) or Side Mount Top (SMT). Side, the fixture is mounted on the wall. Top, the fixture is mounted on the ceiling. Both Side and Top give a static down-light. Top or Side Mount specification denotes the power feed location(s). Optional stand-offs allows for fixtures to be mounted from 1/2" to 12" as well as custom lengths if needed.



OPTIONS GUIDE

CONTINUOUS RUN

Continuous runs are available with all fixtures and have several connection options. Single Seam continuous run options offer smooth section transitions while Component Seams lend to a more dramatic visual statement. The 360 Rotational option enables individual sections to rotate independently of each other, which offers adjustable asymmetric light distribution capacity along with striking appearances such as alternating up/down fixtures or spiral transitions. The flexibility within the rotational option makes for infinite design and functional possibilities.



SINGLE SEAM

OXYGEN 2 (O2) WITH A SINGLE SEAM CONTINUOUS RUN

CANOPIES

55

STANDARD

Canopies have several standard options to suit various environment aesthetics. The standard cable suspension system has 5" Satin White canopies. However, other standard options include a 2" non-power feed canopy option as well as no canopy at all. Both of these include a 5" diameter power feed canopy.





5" diameter power feed and 5" diameter non-pow feed canopy. Most common canopy layout. Creates a consistent ceiling aesthetic.





5" diameter power feed and 2" diameter non-power feed canopy. Offers a more minimal ceiling treatment while maintaining the ability to cover up mistakes. Requires a 1/4-20 stud securely fastened to the ceiling.





5" diameter power feed canopy and no canopy on the non-power feed side. Minimal aesthetic. Requires a 1/4-20 stud securely attached to ceiling. Works well with continuous runs where the power can be carried inside the fixture.

MACHINED

Machined canopies are 4" in diameter and can be anodized as well as powder coated to match a desired color or they can be left with a mill finish for a more striking look. Similar non-power feed options are available with this aesthetic as well. These options do carry a higher cost than standard canopies, but also have an impressive appearance.





4" diameter machined power feed and 4" diameter machined nonpower feed canopy. Offers a consistent ceiling aesthetic with smaller machined canopies. Mill, anodized, and powder coat finishes available.





4" diameter machined power feed and 1-1/4" diameter machined nonpower feed canopy. Offers minimal ceiling treatment while maintaining the ability to cover mistakes. Requires a 1/4-20 stud securely fastened to the ceiling. Mill, anodized, and powder coat finishes available.



4" diameter machined power feed canopy and no canopy on the non-power feed side. Minimal aesthetic. Requires a 1/4-20 stud securely attached to the ceiling. Works well with continuous runs where the power can be carried inside the fixture. Mill, anodized, and powder coat finishes available.

CUSTOM

Custom canopies options are available and can look spectacular in certain applications. Contact the factory with all custom requests or with any questions.



CUSTOM POWDER COAT



CUSTOM ANODIZE



CUSTOM SHAPE



OPTIONS GUIDE

COLOR AND FINISH

Standard finish configurations are Satin Clear (SC) housing with Machined Finish (MF) machined components (end caps, knuckles, cover plates, etc.). The incredibly clean detail within all of the machined components lends to an incredibly high end aesthetic with two tone finish. Numerous custom anodizing and powder coated finishes are available as well. If you have a particular color/finish treatment in mind, please contact the factory and we will do our best to accommodate your project needs.

SATIN CLEAR MACHINED COMPONENTS CUSTOM SATIN WHITE GLOSS BLACK BRONZE MILL ALUMINUM SPECULAR COLOR ANODIZE RAL COLORS FINSIHED CONFIGURATION THALLIUM 2 (Th2) Cable Suspended Rotational mount system with two-tone finish, Satin Clear housing and Machined Finish components.

COVER PLATES

Cover plates are standard for Rotational Arm Mounting (RAM) Systems. Standard options are Flat (FT), Curved (CV), or Trim Ring (TR). With certain applications, cover plates or trim rings may not be necessary. Contact factory with questions or for more information. Custom cover plates are also available. If a certain aesthetic is desired, please contact the factory to review any concepts and we will do our best to bring your vision to life.

