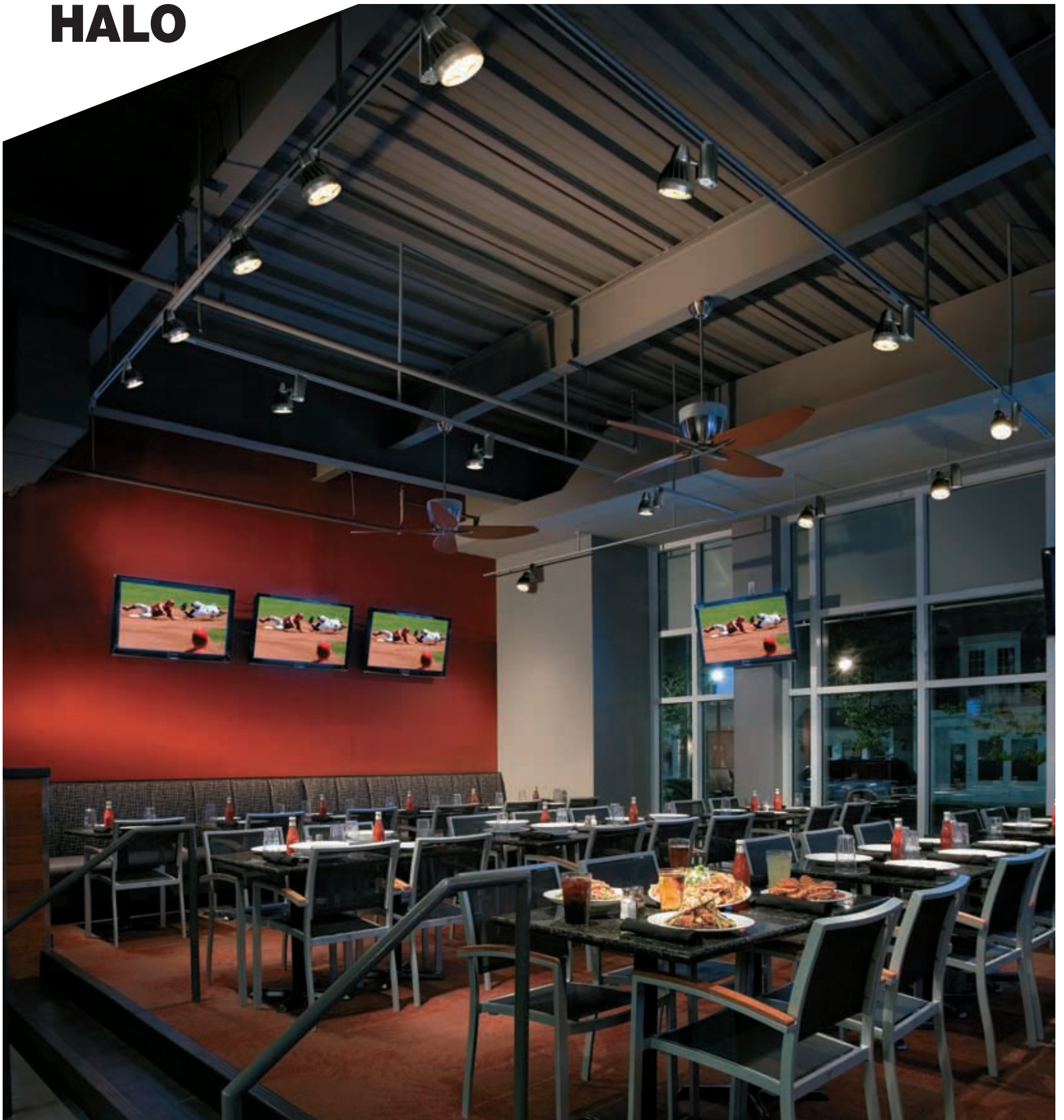
HALO



T24 2008
California Title 24 High Efficacy Compliant

International Energy Conservation Code
IECC
Code Compliant

Stasis LED

Architectural Track Lighting System

COOPER Lighting

Stasis LED

Stasis LED offers Sustainability and Energy Savings in a Stylish package.

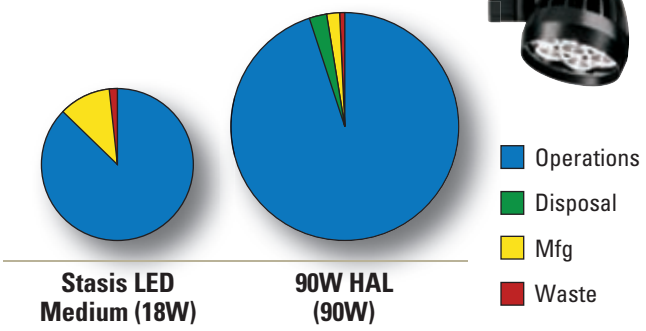
- Flexibility to meet your lighting needs
  - Two Sizes Available (Small – 8W, 14,600 cd and Medium 18W, 36,080 cd)
  - Two Color Temperatures (3000K and 4000K)
  - Three Optical Distributions (Spot – 8°, Narrow Flood – 25°, and Flood – 40°)
  - High 85 CRI
- 8 Watt fixture consumes 85% less energy than a standard 50 Watt MR16 Halogen
- 18 Watt fixture consumes 80% less energy than a standard 90 Watt Par38 Halogen
- Easy installation yields simple retrofit opportunities of traditional accent light sources
- Superior light quality
- Virtually maintenance free yielding sustainable performance
- Three year limited warranty

Light emitting diodes (LED) are solid state devices that do not have filaments or glass components that can break causing the source to fail. Due to solid state construction, an LED light source is less susceptible to vibration, therefore reducing the risk of premature failure and improving component longevity. Over 70% of the initial light output is maintained after 50,000 hours of operation. The sustainability of the Stasis LED fixture dramatically reduces maintenance and service costs over traditional sources.

Environmental and legislative awareness continues to drive demand for energy efficient lighting solutions in all types of applications. LED luminaires are high-efficiency alternatives to more traditional light sources, such as halogen and fluorescent.

SustainabLEDesign™

Stasis LED is a part of Cooper Lighting's SustainabLEDesign initiative that offers environmental and sustainable solutions that reduce carbon emissions and hazardous materials in support of an overall strategy to improve the environment.

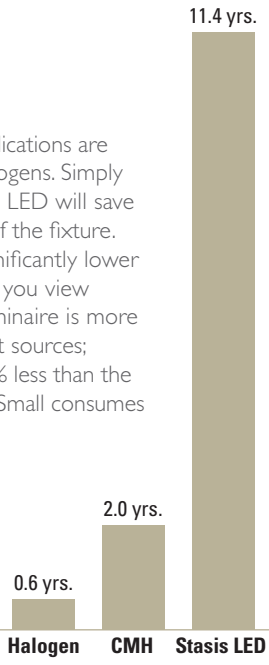


Sustainable solutions also evaluate the amount of natural resources consumed during the life cycle of the product. Stasis LED is considerably better than the 90W Par38 light source. This chart illustrates the impact of these products to the overall consumption of natural resources.

Energy Savings

The most used lamps in retail applications are 90W PAR38 and 50W MR16 halogens. Simply changing just one fixture to Stasis LED will save hundreds of dollars over the life of the fixture. Changing multiple fixtures will significantly lower your electric bill and change how you view accent lighting. The Stasis LED luminaire is more efficient than these traditional light sources; Stasis LED Medium consumes 80% less than the 90W halogen and the Stasis LED Small consumes 85% less than the 50W halogen.

Life Comparison[1]



[1] 4,380 hours/year (12 hours per day)

Retail

In retail applications, lighting is the unspoken party in all merchandising and sales. Retailers want their product to be eye-catching and jump off the shelves at consumers, and accent lighting makes this happen. Stasis LED is perfect for all retail applications. LED luminaires do not emit damaging ultraviolet wavelengths and limited infrared so even the most sensitive colored merchandise is protected from fading. Stasis LED is a low wattage solution offering the same or better light output as commonly used halogen and CMH light sources. Energy saving is not all you get from Stasis LED; with 70% lumens operating at 50,000 hours maintenance costs are drastically reduced. Stasis LED also presents added flexibility from two different size fixtures with both 3000K and 4000K color temperatures available. With three distributions available and a high 85 CRI, Stasis LED can exceed your retail lighting needs. Stasis LED is an instant-on solution with quiet operation.

Supermarket

Accent lighting plays the role of a key sales person in a supermarket environment. Proper track lighting can make displays of produce, end caps or other special areas standout and draw in the customer to purchase while offering the flexibility of changing floor layouts throughout the seasons. Stasis LED is optimal for these locations because it offers not only an energy efficient option, but a cooler alternative which is vital for the shelf life of perishable products. Stasis LED can also provide the light output required to make a display pop from various ceiling heights and configurations. With the ability to specify color temperatures the end user has the flexibilit, to customize the light output in various locations throughout the store. Stasis LED is a great option for sign lighting as well.


$1.49 lb.

Hospitality

Stasis LED can offer the drama that many restaurants and hotels are seeking. This fixture not only has a sleek and stylish design; it can accept up to two pieces of media for added design effect. This product offers endless flexibility in this dynamic environment. Stasis LED luminaires are ideal for creating virtually maintenance free public spaces given it will continue to deliver 70% of the original light after eleven years based on 12 hours usage per day. Stasis LED also provides overall operational cost reductions through HVAC system improvements.

Gallery/Showroom

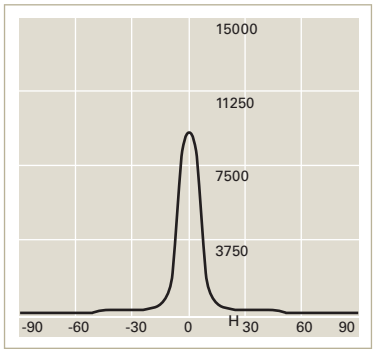
LED technology is perfect for gallery and showroom applications given there is limited infrared low heat and no ultraviolet emissions, artwork and wall hangings are protected from fading. Stasis LED is perfect for museums and art galleries providing precise accent lighting with various media options available. Stasis LED offers a dramatic selling environment for any type of showroom. The integral design of Stasis allows for functional lighting that can remain virtually inconspicuous. Like the rest of the Stasis family, Stasis LED has both lockable rotation and tilt to insure your display lighting design remains in place as intended.

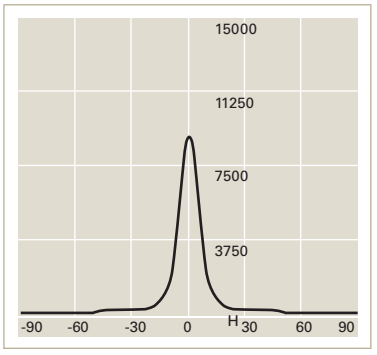
Stasis LED Small – Performance Comparison

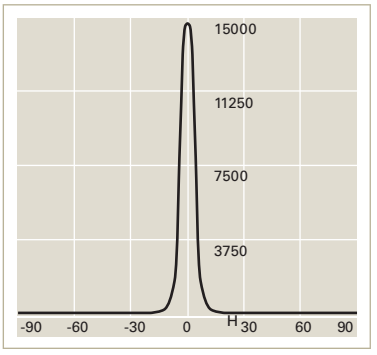
Light Source	MR16 Halogen
Watts (Input)	50 (52)
Beam Angle	10 deg
Color Temperature	3000K
CRI	100
CBCP	9,100 cd
Rated Life	3,500 hrs
L70	DNA

Light Source	MR16 CMH
Watts (Input)	20 (23)
Beam Angle	12 deg
Color Temperature	3000K
CRI	81
CBCP	9,000 cd
Rated Life	12,000 hrs
L70	L70/3,500

Light Source	Stasis LED small
Watts (Input)	8 (8)
Beam Angle	8 deg
Color Temperature	3000K
CRI	85
CBCP	14,618 cd
Rated Life	50,000 hrs
L70	L70/50,000



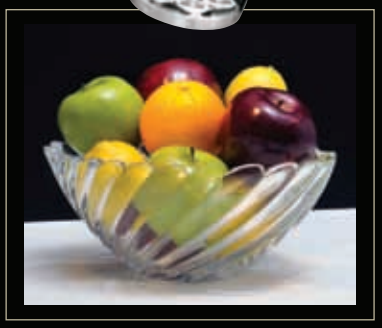




Energy and Maintenance Comparison over 50,000 hours of life	50W MR16 Halogen	20W MR16 CMH	8W Stasis LED Small
Rated Lamp Life (hours)	3,500	12,000	50,000
Input Watts	52	23	8
Number of Fixtures	1	1	1
Energy Cost *	$260	$115	$40
Number of Lamp Replacements	19.1	5.7	0.0
Lamp Cost	$5	$30	$0
Labor Cost	$20	$20	$0
Total Energy Cost	**$260**	**$115**	**$40**
Total Maintenance Cost	**$478**	**$280**	**$0**
Total Life Cost	**$738**	**$395**	**$40**
Percent Energy Savings with Stasis LED	**85%**	**65%**	
Percent Total Savings with Stasis LED	**95%**	**90%**	

* Based on 10¢ per Kilowatt hour

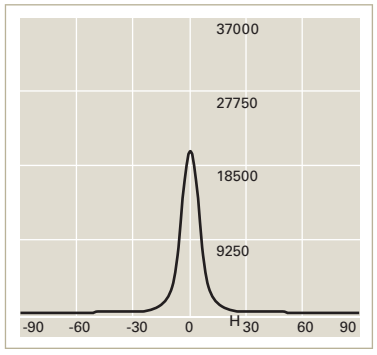
Stasis LED Medium – Performance Comparison

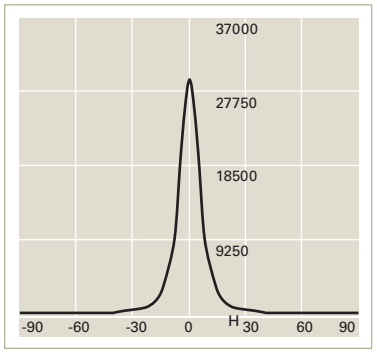


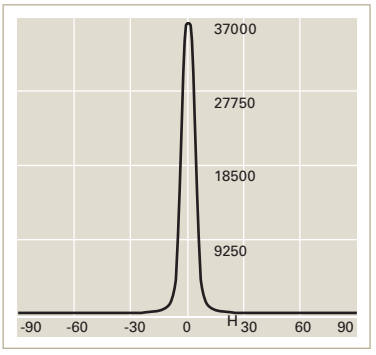
Light Source	Par38 Halogen
Watts (Input)	90 (90)
Beam Angle	10 deg
Color Temperature	2850K
CRI	100
CBCP	19,000 cd
Rated Life	3,000 hrs
L70	DNA

Light Source	Par30 CMH
Watts (Input)	39 (45)
Beam Angle	12 deg
Color Temperature	3000K
CRI	81
CBCP	29,011 cd
Rated Life	10,000 hrs
L70	L70/3,500

Light Source	Stasis LED med
Watts (Input)	18 (18)
Beam Angle	8 deg
Color Temperature	3000K
CRI	85
CBCP	36,079 cd
Rated Life	50,000 hrs
L70	L70/50,000





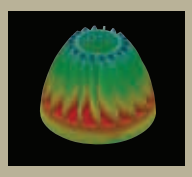


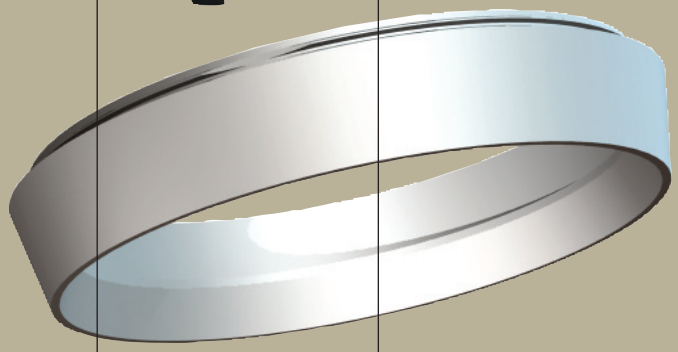
Energy and Maintenance Comparison over 50,000 hours of life	90W Par38 Halogen	39W Par30 CMH	18W Stasis LED Medium
Rated Lamp Life (hours)	3,000	10,000	50,000
Input Watts	90	45	18
Number of Fixtures	1	1	1
Energy Cost *	$450	$225	$90
Number of Lamp Replacements	22.2	6.9	0.0
Lamp Cost	$8	$35	$0
Labor Cost	$20	$20	$0
Total Energy Cost	**$450**	**$225**	**$90**
Total Maintenance Cost	**$622**	**$369**	**$0**
Total Life Cost	**$1,072**	**$594**	**$90**
Percent Energy Savings with Stasis LED	**80%**	**60%**	
Percent Total Savings with Stasis LED	**92%**	**85%**	

* Based on 10¢ per Kilowatt hour

A Thermal Management

- Die cast aluminum body
- Exceptional thermal management to yield 70% lumen maintenance after 50,000 hours of operation with many thousands of hours of operation thereafter





B Optical Performance

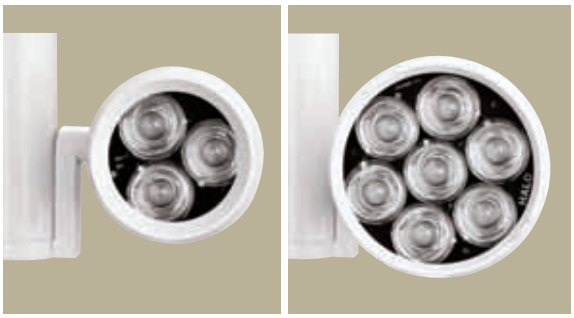
- Tight optical control
- Minimal spill light
- Three different distributions

C Color (binning)

- Tight binning of LEDs ±50°K in color temperature
- Consistent high CRI of 85

Stasis LED – Features and Benefits

Two sizes offer the added flexibility to meet all your lighting needs.

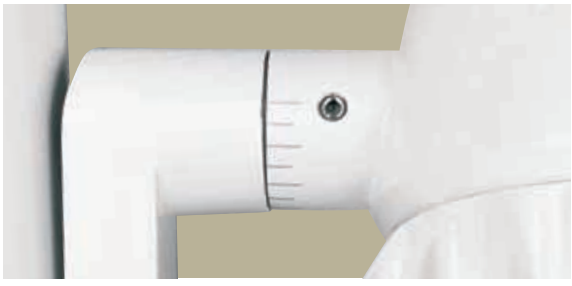


The Stasis LED small utilizes 8 watts with 3 LEDs, while the medium is 18 watts with 7 LEDs.

Lampholder arm allows adjustment of +/- 90° for both rotation and tilt, providing full aiming capabilities. Vertically oriented ballast housing stays aligned with track for a uniform look.

Integral on-off switch allows installation without de-energizing entire track "run".

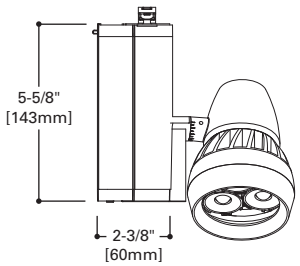
Units include rotation and tilt locks to preserve the original lighting design intent.

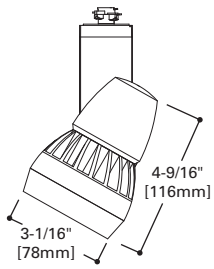


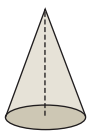
Lampholder arm employs graduations every 15° for precise, repeatable tilt aiming. An indicator mark on arm bottom assures perfect lamp housing alignment with the track.

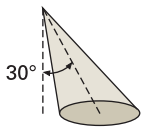
Stasis LED Small – Performance Comparison

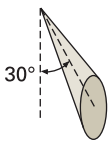
Small	Stasis LED Accent
Finish:	White (P) Black (MB) Aluminum Haze (AH)
Color Temperature:	3000K ± 50 4000K ± 50
Distribution:	8° Spot, 25° Narrow Flood 40° Flood
Accessories:	**LM10520P, MB, AH** Media Ring Accommodates two 2-1/2" Media

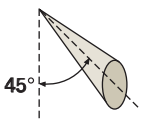












Color Temp.= 3000K
4000K Multiplier= 1.25

Spot: 8°
CBCP: 14,618
Lumens: 383
Report No.: A10118

0° Aiming Angle Horizontal Footcandles					30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles on Wall					45° Aiming Angle Vertical Footcandles on Wall				
D	FC	L	W		D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
5.0	585	0.6	0.6		5.0	380	0.9	0.7	2.9	3.0	229	1.5	0.8	5.2	3.0	574	0.9	0.6	3.0
7.5	260	0.9	0.9		7.5	169	1.3	1.1	4.3	4.0	129	2.1	1.1	6.9	4.0	323	1.2	0.8	4.0
10.0	146	1.2	1.2		10.0	95	1.8	1.4	5.8	5.0	83	2.6	1.4	8.7	5.0	207	1.5	1.0	5.0
12.5	94	1.5	1.5		12.5	61	2.2	1.8	7.2	6.0	57	3.1	1.7	10.4	6.0	144	1.8	1.2	6.0
15.0	65	1.8	1.8		15.0	42	2.6	2.1	8.7										

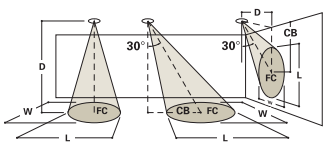
Narrow Flood: 25°
CBCP: 1,168
Lumens: 319
Report No.: A10110

D	FC	L	W		D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
5.0	47	2.4	2.4		5.0	34	2.9	2.6	2.9	3.0	27	3.1	2.2	5.2	3.0	58	2.2	1.8	3.0
7.5	21	3.7	3.7		7.5	15	4.4	3.9	4.3	4.0	15	4.2	3.0	6.9	4.0	33	3.0	2.4	4.0
10.0	12	4.9	4.9		10.0	8	5.8	5.2	5.8	5.0	10	5.2	3.7	8.7	5.0	21	3.7	3.0	5.0
12.5	7	6.1	6.1		12.5	5	7.3	6.5	7.2	6.0	7	6.3	4.4	10.4	6.0	15	4.4	3.6	6.0
15.0	5	7.3	7.3		15.0	4	8.7	7.8	8.7										

Flood: 40°
CBCP: 636
Lumens: 312
Report No.: A10116

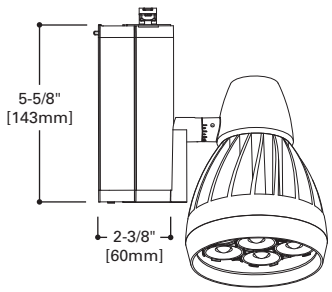
D	FC	L	W		D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
5.0	25	3.5	3.5		5.0	20	3.7	3.6	2.9	3.0	21	2.7	2.7	5.2	3.0	39	2.3	2.4	3.0
7.5	11	5.2	5.2		7.5	9	5.6	5.4	4.3	4.0	12	3.6	3.6	6.9	4.0	22	3.1	3.1	4.0
10.0	6	7.0	7.0		10.0	5	7.4	7.2	5.8	5.0	7	4.5	4.5	8.7	5.0	14	3.9	3.9	5.0
12.5	4	8.7	8.7		12.5	3	9.3	9.0	7.2	6.0	5	5.5	5.4	10.4	6.0	10	4.6	4.7	6.0
15.0	3	10.5	10.5		15.0	2	11.1	10.8	8.7										

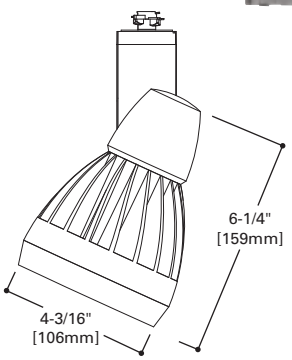
Notes and Definitions
Beam spread is to 50% center beam candlepower (CBCP)
D= Distance in feet to floor or wall.
FC= Footcandles on floor or wall at center beam aiming location.
L= Effective Visual Beam length in feet (50% of maximum footcandle level)
W= Effective Visual Beam width in feet (50% of maximum footcandle level)
CB= Distance in feet across or down to center beam location

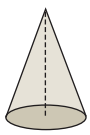


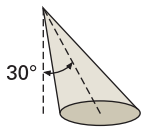
Stasis LED Medium – Performance Comparison

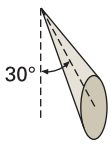
Medium	Stasis LED Accent
Finish:	White (P) Black (MB) Aluminum Haze (AH)
Color Temperature:	3000K ± 50 4000K ± 50
Distribution:	8° Spot, 25° Narrow Flood 40° Flood
Accessories:	**LM10530P MB, AH** Media Ring Accommodates two 3-3/4" Media

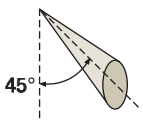












Color Temp.= 3000K
4000K Multiplier= 1.25

Spot: 8°
CBCP: 36,079
Lumens: 933
Report No.: A10108

0° Aiming Angle Horizontal Footcandles					30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles on Wall					45° Aiming Angle Vertical Footcandles on Wall				
D	**FC**	**L**	**W**		**D**	**FC**	**L**	**W**	**CB**	**D**	**FC**	**L**	**W**	**CB**	**D**	**FC**	**L**	**W**	**CB**
5.0	1443	0.6	0.6		5.0	937	0.9	0.7	2.9	3.0	552	1.5	0.8	5.2	3.0	1417	0.9	0.6	3.0
7.5	641	0.9	0.9		7.5	417	1.3	1.1	4.3	4.0	311	2.0	1.1	6.9	4.0	797	1.2	0.8	4.0
10.0	361	1.2	1.2		10.0	234	1.7	1.4	5.8	5.0	199	2.6	1.4	8.7	5.0	510	1.5	0.9	5.0
12.5	231	1.5	1.5		12.5	150	2.2	1.8	7.2	6.0	138	3.1	1.7	10.4	6.0	354	1.8	1.1	6.0
15.0	160	1.8	1.8		15.0	104	2.6	2.1	8.7										

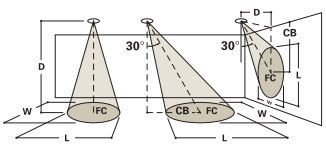
Narrow Flood: 25°
CBCP: 3,044
Lumens: 755
Report No.: A10112

D	**FC**	**L**	**W**		**D**	**FC**	**L**	**W**	**CB**	**D**	**FC**	**L**	**W**	**CB**	**D**	**FC**	**L**	**W**	**CB**
5.0	122	2.3	2.3		5.0	85	2.8	2.5	2.9	3.0	64	3.2	2.2	5.2	3.0	144	2.2	1.7	3.0
7.5	54	3.4	3.4		7.5	38	4.2	3.7	4.3	4.0	36	4.3	2.9	6.9	4.0	81	2.9	2.3	4.0
10.0	30	4.6	4.6		10.0	21	5.6	5.0	5.8	5.0	23	5.4	3.6	8.7	5.0	52	3.7	2.9	5.0
12.5	19	5.7	5.7		12.5	14	7.0	6.2	7.2	6.0	16	6.5	4.3	10.4	6.0	36	4.4	3.4	6.0
15.0	14	6.8	6.8		15.0	9	8.4	7.5	8.7										

Flood: 40°
CBCP: 1,736
Lumens: 853
Report No.: A10114

D	**FC**	**L**	**W**		**D**	**FC**	**L**	**W**	**CB**	**D**	**FC**	**L**	**W**	**CB**	**D**	**FC**	**L**	**W**	**CB**
5.0	69	3.5	3.5		5.0	56	3.7	3.6	2.9	3.0	56	2.7	2.7	5.2	3.0	105	2.3	2.3	3.0
7.5	31	5.2	5.2		7.5	25	5.5	5.4	4.3	4.0	31	3.7	3.6	6.9	4.0	59	3.1	3.1	4.0
10.0	17	6.9	6.9		10.0	14	7.4	7.1	5.8	5.0	20	4.6	4.5	8.7	5.0	38	3.9	3.9	5.0
12.5	11	8.7	8.7		12.5	9	9.2	8.9	7.2	6.0	14	5.5	5.4	10.4	6.0	26	4.7	4.7	6.0
15.0	8	10.4	10.4		15.0	6	11.1	10.7	8.7										

Notes and Definitions
Beam spread is to 50% center beam candlepower (CBCP)
D= Distance in feet to floor or wall.
FC= Footcandles on floor or wall at center beam aiming location.
L= Effective Visual Beam length in feet (50% of maximum footcandle level)
W= Effective Visual Beam width in feet (50% of maximum footcandle level)
CB= Distance in feet across or down to center beam location



Stasis LED Ordering Information/Warranty

Ordering Information

	805						
Track **L**=Halo Power Track **LA**=Halo Architectural Track **LF**=Flexible Track	**Stasis LED**	**Size** **SML**=Small 8W **MED**=Medium 18W	**Beam** **SP**=Spot 8° **NF**=Narrow Flood 25° **FL**=Flood 40°	**8**=85 CRI	**CCT** **30**=3000K **40**=4000K	**Finish** **AH**=Aluminum Haze **P**=White **MB**=Black	**Voltage** **Blank**=120V **277**=277V (only with LA)

Color Filters and Beam Modifying Lenses

	2-1/2"	3-3/4"
Solite	DIF-20	L450
Red Dichroic	F76-20	
Amber Dichroic	F72-20	
Peach Dichroic	F71-20	
Light Blue Dichroic	F78-20	
Medium Pink		L411
Warm Red		L412
Daylight Blue		L420
Medium Blue	F33-20	L421
Medium Amber		L431
Medium Green	F44-20	L441

Accessories*

Media Holder
Stasis LED Small – LM10520AH, P, MB
Stasis LED Medium – LM10530AH, P, MB
*Accepts max. of 2 pieces of media

T24 2008 California Title 24 High Efficacy Compliant

International Energy Conservation Code IECC Code Compliant

RoHS 2002/95/EC

Note: Specifications and Dimensions subject to change without notice.

3 Year Product Limited Warranty

Cooper Lighting (The Company) warrants the Halo Stasis LED Small and Medium Fixtures against defects in material or workmanship for a period of three years from date of original purchase, and agrees to repair or, at the company's option, replace a defective product without charge for either replacement parts or labor during such time. This does not include labor to remove or install fixtures. This warranty is extended only to the original purchases of the product. A purchasers receipt or other proof of date of original purchase acceptable to the Company is required before warranty performance shall be rendered.

This warranty only covers product failure due to defects in material or workmanship which occurs in normal use. It does not cover the failure of product caused by accident, misuse, abuse, lack of reasonable care, alteration, or faulty installation, subjecting the product to any but specified electrical service or any other failure not resulting from defects in material or workmanship. Damage to the product caused by separately purchased, non-Company supplied components and corrosion or discoloration of components and corrosion or discoloration of components are not covered by this warranty. There are no express warranties except as described above.

THE COMPANY SHALL NOT BE LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL IMPLIED WARRANTIES, IF ANY, INCLUDING IMPLIED WARRANTS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

No other warranty, written or verbal, is authorized by the Company. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To obtain warranty services, please write to Cooper Lighting 1121 Highway 74 South, Peachtree City, Georgia 30269. Enclose product model number and problems you are experiencing, along with address and telephone number. You will then be contacted with a solution or a Return Goods Authorization number and full instructions for returning the product. All returned products must be accompanied by a Return Goods Authorization Number issues by the Company and must be returned freight prepaid. Any product received without a Return Goods Authorization Number from the Company will be refused.

Cooper Lighting is not responsible for merchandising damaged in transit. Repaired or replaced products shall be subject to the terms of this warranty and are inspected when packed. Evident or concealed damage that is made in transit should be reported at once to the carrier making the delivery and a claim filed with them.

Current Limiting Options

Halo Track Current Limiter

The increasing awareness of energy usage however has led to stringent legislation mandating rigid "watts-per-foot" requirements for track lighting. This in turn has specifiers looking for alternatives to track lighting, which was thought to be difficult to quantify and control in terms of energy usage. The Halo Track Current Limiter, even under tough legislative standards, makes it easy to understand and specify track lighting.

With the Halo Track Current Limiter, energy consumption can be controlled to exact requirements. Circuit breakers become an integral part of the track system and can be selected from 120 watts up to 1200 watts. Should the track section exceed its load rating, the circuit breaker trips and shuts off power to that track section ensuring compliance with load requirements.

Features and Benefits

- End-feed and Center-feed capable:
  - Halo Power-Trac one and two-circuit track systems
  - Lazer one-circuit track system.
- Five breaker sizes are available.
  Consult factory if other sizes are required.
- Can be utilized on hard or grid ceilings.
- Can be used with pendant suspended track.
- Breaker can be used as an on-off switch.
- Breaker features a "tripped" condition indicator.
- Feeds employing two circuit breakers do not require breakers to be the same size. Each breaker can be sized according to desired load.
- Approved by the California Energy Commission – meets Title 24 requirements.
- cULus Listed

Feeds and Circuit Breaker Types

Power-Trac Single Circuit

LC901P, MB	End feed connector and housing. White/Black
LC903P, MB	Center feed connector and housing. White/Black

Power-Trac Single Circuit

LC941P, MB	End feed connector and housing. White/Black
LC943P, MB	Center feed connector and housing. White/Black

Lazer

LZRC201P, MB	End feed connector and housing. White/Black
LZRC203P, MB	Center feed connector and housing. White/Black

Circuit Breakers

CB120P, MB	Circuit breaker 1 amp @ 120V = 120W
CB300P, MB	Circuit breaker 2.5 amp @ 120V = 300W
CB600P, MB	Circuit breaker 5 amp @ 120V = 600W
CB960P, MB	Circuit breaker 8 amp @ 120V = 960W
CB1200P, MB	Circuit breaker 10 amp @ 120V = 1200W

Finish Codes: P=White, MB=Black

TrackKeeper™ Current Limiter

The TracKeeper™ current limiting panel helps meet energy code requirements by using the volt-ampere rating of the breaker as opposed to calculated values based on watts per linear foot of track.

- Helps meet Energy Code Regulations
- Simplifies Load Calculations
- Reduce Installation Costs

Wattage Limits on Track Lighting

California Title 24..... 45-watts per linear foot
ASHRAE 90.1*..... 30-watts per linear foot
City of Seattle..... 70-watts per linear foot

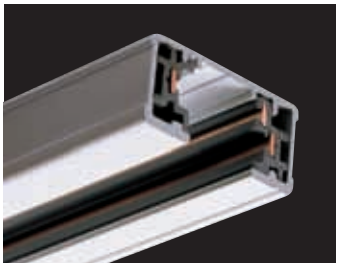
**Basis for many municipal energy codes across the United States*

Ordering/Specifying

Specify enclosure size, mounting option, voltage and number of circuit breakers desired. Breakers must be installed in groups of two. *Example: TK16-120-14-F specifies a 16 circuit flush mount enclosure with (14) 120V circuit breakers.*

Greengate Catalog #	Voltage	# of Breakers	Mounting Option
TK16	120 or 277	2 to 16" *(Increments of 2)*	S = Surface F = Flush
TK32	120 or 277	18 to 32" *(Increments of 2)*	S = Surface F = Flush

Miniature L650, L651, L652, L653



Miniature Track Provides Versatility for every Lighting Need

Decorator finishes, push-in connectors, economy, all combine to make single-circuit Trac perfect for residential or commercial use.

L650-2' Track Actual length 20 1/8"(511mm).
Finishes: White (P), Black (MB), Silver (SL)

L651-4' Track Actual length 44 1/8"(1121mm).
Finishes: White (P), Black (MB), Silver (SL)

L652-8' Track Actual length 92 1/8"(2340mm).
Finishes: White (P), Black (MB), Silver (SL)

L653-12' Track Actual length 140 1/8" (3559mm).
Finishes: White (P), Black (MB), Silver (SL)

Size
11/16" (17.5mm) deep by 1 3/8" (35mm) wide.

Connectors
Connectors simply push into the ends of the Trac, eliminating splicing. L's, T's, X's and the Flexible Connector allow track to be assembled in almost any pattern.

Specifications
Structural channel is extruded aluminum with 0.060" nominal wall thickness. Conductors are solid copper bus bars encased in rigid extruded PVC insulators. Polarized connectors and end caps are molded polycarbonate. Electrical capacity is 20 amps. Halo miniature track is UL/cUL listed.

Halo-2 Two Circuit L641, L642, L643

Halo-2 Power-Trac Has Two Circuits for Greater System Flexibility

Halo-2 Power-Trac system provides two separate

20 AMP circuits. Each circuit can be independently switched. Suitable for commercial, merchandising and residential applications.

L641-4' Track Actual length 42 5/8" (1083mm).
Finish: White (P), Black (MB), Silver (SL)

L642-8' Track Actual length 90 5/8" (2302mm).
Finish: White (P), Black (MB), Silver (SL)

L643-12' Track Actual length 138 5/8" (3521mm)
Finish: White (P), Black (MB), Silver (SL)

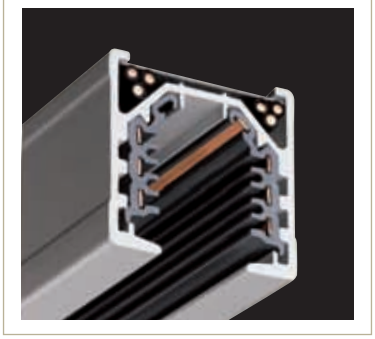
Size
11/16" (17.5mm) deep by 1 3/8" (35mm) wide.

Connectors
Connectors push easily into the ends of the track, eliminating splicing. Polarity arrows on connectors assure proper installation. Just align arrows with polarity line on track and push in. L's, T's, X's and Flexible Connector allow track to be assembled in almost any pattern.

Installation of Lampholders
Installing lampholders on Two-Circuit Track is simple with an adjustable contact that allows selection of the circuit position. Lift or lower the contract on the lampholder until it touches the plastic stop of the assembly. For circuit #1 move contact to the down position. For circuit #2 move contact to the up position.

Specifications
Structural channel is extruded aluminum with 0.060" nominal wall thickness. Conductors are solid copper bus bars encased in rigid extruded PVC insulators. Polarized connectors and end caps are molded polycarbonate. Electrical capacity is 20 amps per circuit when properly balanced. Halo Track-2 track is UL/cUL listed.

Halo Four Circuit Track L621, L622, L623



Four Circuit Trac Provides Concise Control of Each Circuit

L621-4' Track Actual length 42 7/8" (1089mm).
Finishes: White (P), Black (MB)

L622-8' Track Actual length 90 7/8" (2308mm).
Finishes: White (P), Black (MB)

L623-12' Track Actual length 138 7/8" (3527mm).
Finishes: White (P), Black (MB)

Four circuits give ample capacity for any lighting need, allowing greater load density (more watts per foot of track). The extra capacity can be used to make longer runs from a single feed point by spreading the load between the circuits. Additional circuits can be run through the integral raceway allowing even longer runs. Four Circuit Power-Trac offers greater flexibility. Four circuits can be individually switched to control more lighting functions. The L963 Converter is required for Halo Power-Trac lampholders to be used with Four Circuit Trac.

Size
Four Circuit Trac is 1 3/4" (44mm) high and 1 3/4" (44mm) wide.

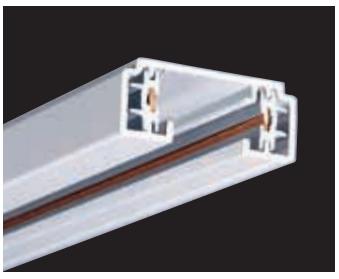
Connectors
Connectors simply push into the ends of the track, eliminating splicing. L's, T's and X's allow track to be assembled in almost any pattern.

Four Circuit Operations
Halo Four Circuit Trac allows greater density by carrying up to 60 AMPS, on 3-phase 4 wire system or 40 AMPS on single phase 3 wire system. Fully polarized and grounded throughout. UL/cUL listed.

L963 Single-Circuit to Four-Circuit Converter with Switch
Finishes: White (P), Black (MB)

IMPORTANT One L963 Converter is required for EACH lampholder used.

Lazer Track LZR102, LZR104, LZR106, LZR108



Lazer Track offers economy and Convenience

LZR102 – 2'Track. Actual length 20 1/8" (511mm).
Finishes: White (P), Black (MB)

LZR104 – 4'Track. Actual length 44 1/8" (1121mm).
Finishes: White (P), Black (MB)

LZR106 – 6'Track. Actual length 68 1/8" (1730mm).
Finishes: White (P), Black (MB)

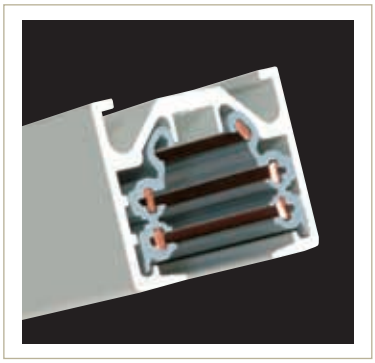
LZR108 – 8'Track. Actual length 92 1/8" (2340mm).
Finishes: White (P), Black (MB)
The Lazer Two-Conductor track is available in two finishes and 4 lengths. The overall height is only 9/16" with a decorative reveal at the ceiling line.

Size
Lazer Track is only 9/16" (14mm) deep by 1 3/8" (35mm) wide.

Connectors
Connectors push into the ends of the Track. Straight, right angle and flexible connectors allow track to be assembled in almost any pattern.

Specifications
The structural channel is extruded aluminum with 0.050" nominal wall thickness. Conductors are solid copper buss bars encased in rigid extruded PVC insulators. Polarized connectors and end caps are molded polycarbonate. Electrical capacity is 20 AMPS.
UL/cUL listed.

Halo Architectural Track LA631, LA632, LA633



Architectural Track Provides a 120V or 277V Option with Two Separate 40 AMP Circuits and Two Neutrals

LA631-4' Track Actual length 42 7/32"(1072mm).
Finishes: White (P), Black (MB), Silver (SL)

LA632-8' Track Actual length 88 7/32"(2240mm).
Finishes: White (P), Black (MB), Silver (SL)

LA633-12' Track Actual length 136 7/32"(3460mm).
Finishes: White (P), Black (MB), Silver (SL)

Halo 2 Circuit Architectural 120V or 277V Trac System provides two separate 40 AMP circuits and two neutrals. Each circuit can be independently switched. Fully polarized and grounded throughout. Top portion of trac is designed as a raceway for carrying up to 2 #8 AWG conductors. Raceway can be used to feed additional sections of trac from the original feed point, minimizing installation time and cost. Halo 2 Circuit Architectural Trac accepts Halo 120V or 277V lampholders and is suitable for a wide range of commercial, merchandising, and retail applications.

Size
1 7/16" (34mm) high and 1 13/16" (46mm) wide.

Connectors
Connectors simply push into the ends of the Trac, eliminating splicing. L's, T's, X's and the Flexible Connector allow track to be assembled in almost any pattern.

Specifications
Structural channel is extruded aluminum with 0.080" nominal wall thickness. Conductors are solid copper alloy bus bars with extruded polyvinyl insulators. Track maintains an independent positive ground path between lampholder, Track channel and building's ground system.

Halo Flexible Track LF4AH, LF8AH

Halo flexible Track is the ultimate in aesthetic, mechanical and electrical versatility.

LF4AH-4' Track
Finishes: Aluminum Haze (AH)

LF4AH-8' Track
Finishes: Aluminum Haze (AH)

Flexible Track is a three circuit, bendable track system. There are two 120V / 20A circuits with dedicated neutrals, as well as a third 12V / 25A circuit. The track can be used as either a stand-alone 120V or 12V system, or a combination of both. Each circuit can be independently switched. To change from one 120V circuit to the other, simply remove the lampholder and rotate adaptor 180o and reinstall. The system is suitable for a wide range of commercial, merchandising and residential applications. Its unique, fresh styling not only enhances, but can also trace virtually any interior design creation.

Size
1 1/2" (39mm) high and 7/16" (12mm) wide.

Connectors
Numerous connectors and stem lengths make this system truly flexible to meet any design configuration.

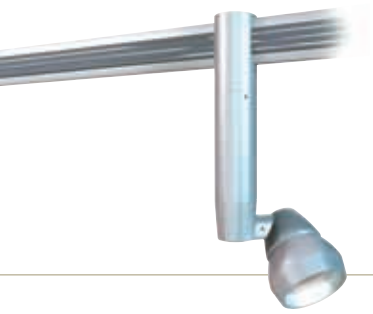
Specifications
Structural channel is extruded aluminum I-beam 0.060" nominal wall thickness. Flexible Track has a minimum bend radius of 24 inches. 120V and 12V conductors are nickel-plated solid copper buss bars encased in extruded CPVC insulators. Grounding is accomplished through a grounding channel in the track. Track is asymmetric in nature and accepts connectors and lampholders in one direction only to maintain polarity. A track support is required every four feet and more supports may be required depending on the complexity of the "curved" design layout.

Consult factory for RSA Busway.

Connectors & Accessories

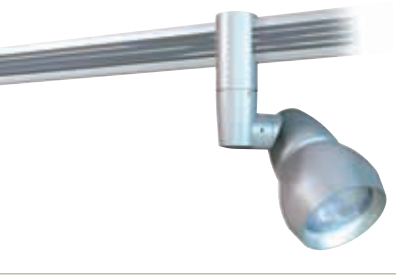
Description	Miniature Power-Trac	Halo-2 Two Circuit	Four Circuit	Lazer	Architectural
Outlet Box Cover	L900	L900	L900	–	L900
Live End Connector	L901	L941	L921	LZR200/LZR201	LA671
Straight Connector	L903	L943	L923	LZR203	LA673
Flexible Connector	L902	L942	–	LZR211	LA672
L Connector	L904	L943	L924	LZR203	LA674
T Connector	L905	L945R/L945L	L925	LZR213R/LZR213L	LA675
X Connector	L906	L946	L926	LZR214	LA676
Mini Joiner	L908	L949	–	LZR211	LA678
Floating Canopy & Connector	L909	L929	–	LZR202	–
Cord and Plug Connector	L950	–	–	LZR208	–
Conduit Connector	L979	L947	L982	LZR204/LZR205	LA670
T-Bar Attachment Clip	L983	L983	L983	LZR207	L983
Pendant Assembly	L992	L992	L954	L992	LA995

Stasis Family



Low Voltage MR16

Lamp:	50W MR16
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	L100 Series Lenses, L1000MB Hex Cell Louver (EOW Max.)

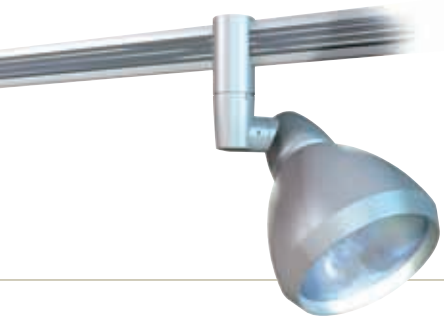


Incandescent PAR20

Lamp:	50W PAR20
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	LM10520P, MB, AH Media Ring. Accommodates two 2 1/2" Media

Incandescent PAR30

Lamp:	75W PAR30
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	LM10530P, MB, AH Media Ring. Accommodates two 3 3/4" Media



Incandescent PAR38

Lamp:	150W PAR38
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	LM10538P, MB, AH Media Ring. Accommodates two 4 11/16" Media

Ordering Information

Track
LF=Flexible Track
L=Halo Track
LA=Halo Architectural Track System

Lamp Type
1=Incandescent
2=Low Voltage

Series
05=Stasis

Finish
AH=Aluminum Haze
P=White (L and LA only)
MB=Black (L and LA only)

Ceramic Metal Halide MR16

Lamp:	20W MR16 Ceramic Metal Halide
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	LM50516P, MB, AH Media Ring. Accommodates two L100 Series Media (filters, beam modifying lenses and hex cell louver)

Ceramic Metal Halide PAR30

Lamp:	39W PAR30 Ceramic Metal Halide 70W PAR30 Ceramic Metal Halide
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	LM10530P, MB, AH Media Ring. Accommodates two 3 3/4" Media (L400 Series Filters and L274 Cube Cell Louver)

Ceramic Metal Halide T6 Adjustable

Lamp:	39W T6 Ceramic Metal Halide 70W T6 Ceramic Metal Halide
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	Accommodates two Media (L200 Series Filters and Beam Modifying Lenses, L275 Cube Cell Louver)
Notes:	Adjustable Beam from Spot to Flood. Desired beam can be locked in place utilizing a 1.5mm Allen wrench (supplied)

Ceramic Metal Halide T6 Wall Wash

Lamp:	39W T6 Ceramic Metal Halide 70W T6 Ceramic Metal Halide
Finish:	White (P), Black (MB), Aluminum Haze (AH)
Accessories:	LVR505WW, P, MB, AH Louver

Ordering Information

Track
LF=Flexible Track
L=Halo Track
LA=Halo Architectural Track System

Series
505=Metal Halide Stasis

Lamp Type
I6=MR16
30=PAR30
6=T6

Wattage
20=20W (MR16 only)
39=39W
70=70W (PAR30/T6 only)

Finish
AH=Aluminum Haze
P=White (L and LA only)
MB=Black (L and LA only)

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