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TRACK

LED Track Light Series

Efficient presentation
of product
More light uniformity

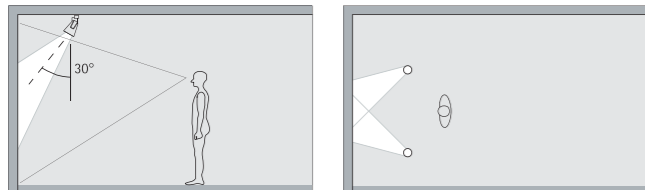
Protect, Preserve and Enhance Museum Display Lighting

SELF's TRACK LED fixtures offer the versatility to meet the unique needs of a multitude of applications. In the design of today's LED lighting for Museum Displays, SELF takes into consideration not only the illumination and visual enhancement of masterful artworks, but also protection and preservation from harmful radiation emitted by traditional light sources.

LED lighting, as opposed to traditional lighting methods, emits no harmful Ultra Violet (UV) radiation or high heat caused by Infrared (IR) radiation that may fade nor otherwise damage delicate irreplaceable works of art.

SELF's TRACK LED use high quality leds which offer a high Color Rendering Index (CRI) of 85 to insure every hue and shade of color is shown in its natural beauty. Coupled with SELF's patented anti-glare design and excellent uniformity, the viewer is insured a comfortable and complete visual experience.

- Uniform light
- Anti-glare design





Vibrancy Attracts Grocery Store Accent Lighting

In the grocery environment, lighting should be able to truly reflect the natural colors and quality of fruits and vegetables. With high color rendering, SELF's TRACK LED lighting highlights the vibrancy of fresh produce enticing consumers to purchase.

As with all perishable items, a high product turnover is ideal in keeping inventory at peak quality. The SELF's TRACK lighting can be easily positioned and aimed for custom illumination angles to accommodate a store's ever changing display plan giving you the perfect lighting solution.

Color Rendering Index (CRI)

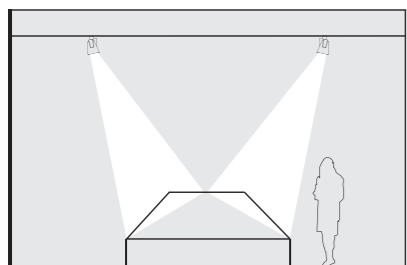


CR1 80



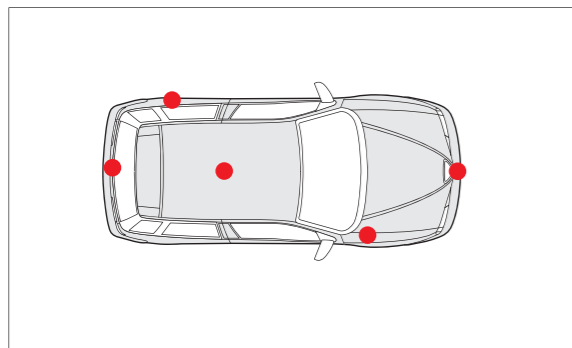
CR1 60

- Uniform light
- Anti-glare design



Show Off your Showcase TRACK Accent Lighting

Effective showroom lighting demands highlighting of fine details and craftsmanship. SELF's TRACK LED lighting, offers the necessary adjustability, positioning and angling needed, making it perfectly suited to accent elegant brands and products.

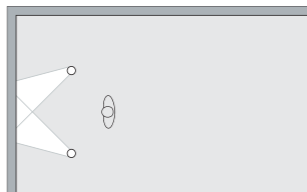
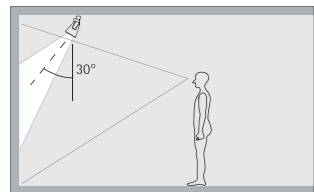




Lighting Sells TRACK Accent Lighting

A retail environment must have a carefully crafted atmosphere to strengthen the visual impact of beautiful garments and products. By strategically placing lighting to accent merchandise, consumers are enticed to purchase. SELF's TRACK LED lighting is the perfect tool to achieve a high visual impact and an effect retail sales.

- Uniform light
- Anti-glare design





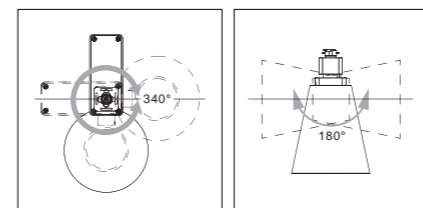
FEATURES

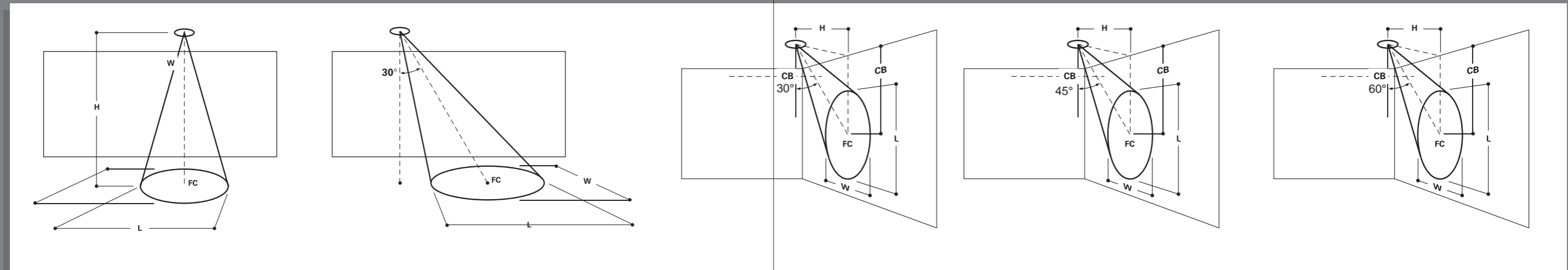
- 1) Energy Efficiency - only 22 Watts
- 2) Anti - Glare Lens with high quality LEDs - Enhance visual experience.
- 3) High Color Rendering Index (CRI)
- 4) Concentrated Beam Angle: For accenting and highlighting
- 5) Simulates Natural Light: For comfortable viewing
- 6) Multi-Angle Adjustability: Two planes of rotation for custom positioning
- 7) Uniform illumination
- 8) Long life time: 50,000 hours
- 9) Easy Installation



APPLICATIONS

SELF's TRACK LED is designed accommodate a multitude of applications making it the perfect solution for Retail, Restaurants, Supermarket, Museums, Conference Rooms and anywhere flexible accent or display lighting may be needed.





0°Aiming Angle Horizontal Footcandles

30°Aiming Angle Horizontal Footcandles

30°Aiming Angle Vertical Footcandles

45°Aiming Angle Vertical Footcandles

60°Aiming Angle Vertical Footcandles

1. Angles adjustable
When rotate the lighting head, keep the joint point between lighting head and power driver constant without deviation, the lighting head could rotate within 180 degree range, and the whole lighting fixture could adjust with 360 degree.

2. With the design of alveolate matrix of lenses layout, the lighting effects could be well-distributed.

3. Lighting highlights
Track provides focused lighting with high efficiency, highlighted the details of objects and reflected elegant texture of the lighted objects.

4. High color rendering
Track is capable of enhancing the color rendering attributes of the object, and keeping the inherent color of object the way it was.

Lighting Solutions for Various Applications

Anti-glare lighting is recognized as one of the most important considerations in the design of exhibition lighting. Combined with High Color Rendering Index (CRI) and the option of one of five Correlated Color Temperature (CCT), SELF's Track LED offers the best solution to achieve the best solution for any application.



Anti-Glare Lens, even light distribution, and fully adjustable lighting system, SELF's TRACK LED fixtures achieve the best lighting effects for any applications.



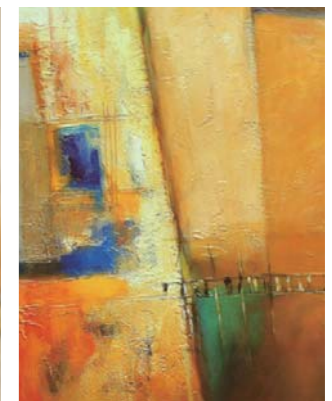
Custom adjustability of SELF's LED TRACK lighting allows you to highlight all the details and fine craftsmanship making your merchandise eye-catching and exciting.



Anti-Glare technology gives you the freedom to position our TRACK LED fixtures as needed to best emphasize quality and sell merchandise at the same time enhance the customers shopping experience.



High Color Rendering and choice of Color Temperature will bring out the natural color and beauty of fruits, vegetables and other produce.



Because SELF's TRACK LED fixture use non-UV emitting LEDs, precious artwork and merchandise will be protected and preserved in the perfect lighting environment for the world to see.



The best lighting solutions are **noticed** without being **noticeable**...



TRACK LED lighting system

SELF's TRACK LED lighting offers energy saving, reliable and a long useful life. Designed with the best high power LED chips available and constructed using aluminum alloy base, SELF's TRACK LED fixtures will provide high performance over the life of the system.

LENS

Our lens is designed using a high purity anastigmatic corrective optical technology to maximize the performance of the LEDs by achieving maximize beam utilization and minimizing distortion. Secondly, our lens is made using the finest medical grade optical materials to achieve extreme optical purity. Application of this optical technology allows SELF's TRACK LED fixtures to provide the highest quality of light and definition possible.

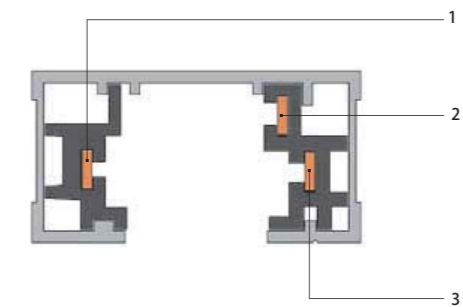
Anti-Glare Cover

Glare is a negative lighting phenomena that occurs when there's large deviation between the light source and the background. Glare not only affects visibility, but also can results in permanent damage to one's vision. Therefore, it is necessary to design an anti-glare LED lighting system to prevent the negative effects of glare. SELF's patented anti-glare technology makes TRACK LED the ideal lighting solution.



EASY INSTALLATION

TRACK LED lighting offers tool-less installation that is as easy as 1 – 2 – 3, giving you a time saving and cost effect lighting upgrade solution that will guaranteed energy savings without compromise.



1 – IDENTIFY YOUR TRACK

Not all Track Lighting Systems are the same. There are three major manufacturers of track. Each manufacturer makes their track different, so your Track Fixtures need to match the Track. SELF's TRACK LED fixtures can be fitted with a track adaptors specific to your current track lighting system. If you can't identify your current track, simply provide SELF with one of your track fixtures and we will do the rest.

2 – INSTALLATION

Tool-Less installation offers a great time savings. Simply position the fixture where you want and attach it to the track.

3 – AIMING

SELF's TRACK LEDs offer 180/360 degree adjustment. Simply rotate and point to achieve the perfect lighting angle.



SELF's TRACK LED also offers the ability to lock the aiming position to avoid accidental movement. Once you finish aiming the fixture to the perfect point, just lock it in place using an Allen wrench (provided).



OPTIONS

The anti-glare cover can be easily removed at ones' discretion. The whole process is easy and requires no tools.



To reinstall, simply position the anti-glare lens to align the three fixed grooves...



...and snap in place.

Energy saving and environmental-friendly

Energy Savings and the protection of the environment is paramount in the design of our lighting products. Energy costs to operate commercial facilities is a significant expense due to the operating hours and peak demand costs.

Lighting alone represents over 25% of the total energy costs for commercial properties. SELF's TRACK LED fixtures can reduce your energy usage by 40% - 75% as well as play a major role in reducing your carbon footprint. In addition to energy saving and environmentally-friendly, SELF TRACK LED fixtures offer a longer useful life which will have a positive effect on maintenance costs.

Compare the useful life

Incandescent lamp	1,000hrs
Halogen lamp	3,000hrs
Electricity-saving lamp	8,000hrs
LED	50,000hrs

Comparison of Strength:

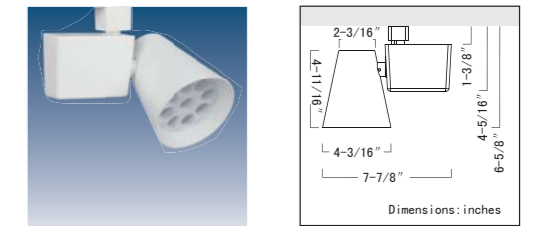
	Halogen	TRACK-R9-120V
Glare	Glare	Anti-glare
Power	100 W	22 W
Beam Angle	24°	25°
Lifetime	3000 hrs	50,000 hrs
CCT	3000 K	3000 K
Lamp lumen output Electrical	1113 lm	1246 lm
consumption(14h/Day,365days/Year)	51 kwh	122.6kwh
Radiation	Include UV and IR	No UV and IR



TRACK-R9-120V

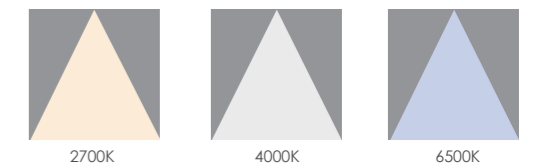


Model	Input (VAC)	Wattage (W)	Beam Angle	Lumen Output (Lm)	CRI	CCT (K)	Weight (G)	Finish
TRACK-R9-120V	100-120	22	15°/25°	1442	≥85	3000	1010	● ○
TRACK-R9-120V	100-120	22	15°/25°	1483	≥85	4000	1010	● ○
TRACK-R9-120V	100-120	22	15°/25°	1557	≥85	5000	1010	● ○

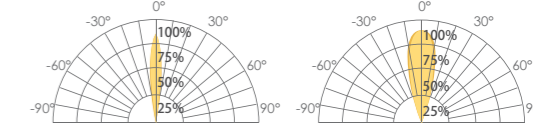


- 1) Integral driver allows fixture to connect to standard 120 Volt track lighting systems.
- 2) High power Philips Luxeon LEDs, provides efficient lighting and excellent performance.
- 3) Aluminum housing design dissipates heat resulting minimal light loss and longer life.
- 4) Superior optical design to achieve maximum performance quality of light.
- 5) Concise design, elegant appearance, and easy installation.
- 6) Environmentally friendly, RoHOS compliant, no toxic emissions or mercury.
- 7) No (IR) Infrared or (UV) Ultraviolet radiation.
- 8) 5 Year Warranty, 50, 000 hrs.
- 9) 180 degree x 360 degree adjustability.

With lower Color temperature, Tone of light will be warmer

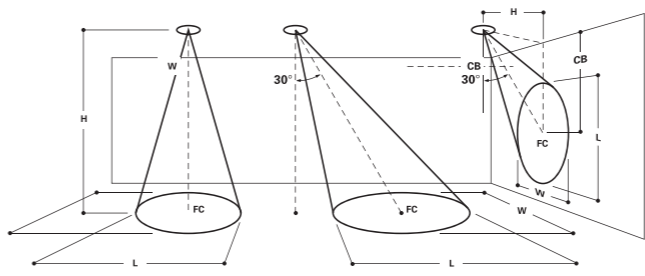


Consistent light intensity distribution
 Light intensity: cd
 ● C0/180, 15°
 ● C90/270, 25°



Beam spread is to 50% center beam candlepower (CBCP).
 H= Height 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.

Notes and Definitions



	0°Aiming Angle Horizontal Footcandles				30°Aiming Angle Horizontal Footcandles				30°Aiming Angle Vertical Footcandles				45°Aiming Angle Vertical Footcandles				60°Aiming Angle Vertical Footcandles							
	H	FC	L	W	H	FC	L	W	CB	H	FC	L	W	CB	H	FC	L	W	CB	H	FC	L	W	CB
15°/4000K (1483 lm)	2'	4965	1/2	1/2	2'	3225	3-3/16	2-1/2	1-3/16	2'	307	9	4-1/8	4-3/16	2'	1613	5-3/16	3-5/16	2-1/8	2'	3225	3-3/16	2-1/2	1-3/16
	4'	1242	1	1	4'	807	6-3/8	4-7/8	2-5/16	3'	137	13-1/2	6-1/8	6-5/16	3'	717	7-7/8	4-7/8	3-1/8	3'	1434	4-13/16	3-11/16	1-11/16
	6'	552	1-1/2	1-1/2	6'	359	9-1/2	7-3/8	3-1/2	4'	76	18	8-3/16	8-5/16	4'	404	10-1/2	6-1/2	4-3/16	4'	807	6-3/8	4-7/8	2-5/16
	8'	310	2	2	8'	201	12-11/16	9-13/16	4-11/16	5'	49	22-3/8	10-3/16	10-3/8	5'	258	13-1/8	8-3/16	5-3/16	5'	516	7-7/8	6-1/8	2-7/8
	10'	199	2-1/2	2-1/2	10'	128	15-7/8	12-5/16	5-13/16	6'	34	26-7/8	12-3/16	12-1/2	6'	179	15	9-13/16	6-5/16	6'	359	9-1/2	7-3/8	3-1/2
	12'	138	2-7/8	2-7/8	12'	89	19-1/8	14-11/16	7															
	14'	102	3-3/8	3-3/8	14'	66	22-3/16	17-3/16	8-1/8															
	16'	78	3-7/8	3-7/8	16'	51	25-3/8	19-5/8	9-5/16															
25°/4000K (1442 lm)	2'	1238	7/8	7/8	2'	752	3-3/16	2-5/8	1-5/16	2'	81	9-11/16	4-3/8	4-1/2	2'	369	5-3/8	3-1/2	2-3/16	2'	752	3-3/16	2-5/8	1-5/16
	4'	310	1-3/4	1-3/4	4'	187	6-5/16	5-1/8	2-1/2	3'	36	14-5/8	6-11/16	6-13/16	3'	164	8-3/16	5-5/16	3-5/16	3'	334	4-13/16	3-13/16	1-7/8
	6'	138	2-11/16	2-11/16	6'	83	9-1/2	7-11/16	3-13/16	4'	21	19-1/2	8-7/8	9-1/8	4'	93	10-7/8	7-1/8	4-1/2	4'	187	6-5/16	5-1/8	2-1/2
	8'	78	3-9/16	3-9/16	8'	47	12-11/16	10-3/16	5-1/8	5'	13	24-5/16	11-1/8	11-3/8	5'	59	13-5/8	8-13/16	6-5/8	5'	120	7-7/8	6-3/8	3-3/16
	10'	50	4-7/16	4-7/16	10'	30	15-7/8	12-13/16	6-5/16	6'	9	29-3/16	13-5/16	13-5/8	6'	41	16-5/16	10-5/8	6-11/16	6'	83	9-1/2	7-11/16	3-13/16
	12'	35	5-5/16	5-5/16	12'	21	19	15-3/8	7-5/8															
	14'	25	6-3/16	6-3/16	14'	15	22-3/16	17-7/8	8-7/8															
	16'	20	7-1/8	7-1/8	16'	12	25-3/8	20-1/2	10-3/16															