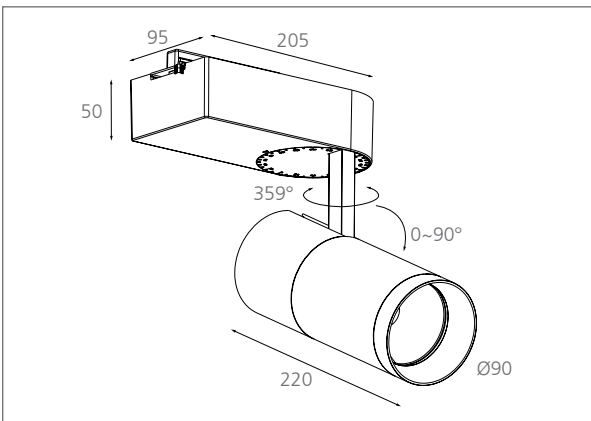


Alfa642



**SEER**<sup>®</sup>  
LED  
SUSTAINABLE LIGHTING SOLUTIONS



**Why Genuine Is Important ?** **CITILED**<sup>®</sup>  
The Light Engine

- Superior efficacy and light output
- Low thermal resistance
- Superior reliability, optimised die positioning.
- Specified, targeted and tested hot, at real world operating temperatures.
- Consistent colour control.

**Alfa642 - 60° 42w**

LED Qty	1	
LED Type	CITIZEN (CLL032 1212A5)	
LED Power	38w	
System Power	42w	
LED Efficacy	93lm/w @ 720mA	
CCT	Neutral White	4000k
	Warm White	3000k
Luminous Flux	Neutral White	2700Lumens ± 10%
	Warm White	2500 Lumens ± 10%
CRI	Neutral White	Ra ≥ 90
	Warm White	Ra ≥ 90
Beam Angle	60° (18° - 25° - 35° Optional)	
Primary Voltage	AC220-240v	
Secondary Voltage	DC34v -40v	
Secondary Current	1050mA (Constant Current)	
Driver	Tridonic <sup>(1)</sup>	
Operating Temp	-20°C to 50°C	
Ingress Protection	IP20 <sup>(2)</sup>	
LED Certification	LM80	
Weight	1.622kg	
Install Spacing	1.0 - 3.0m	
Product Colour	White - Black	

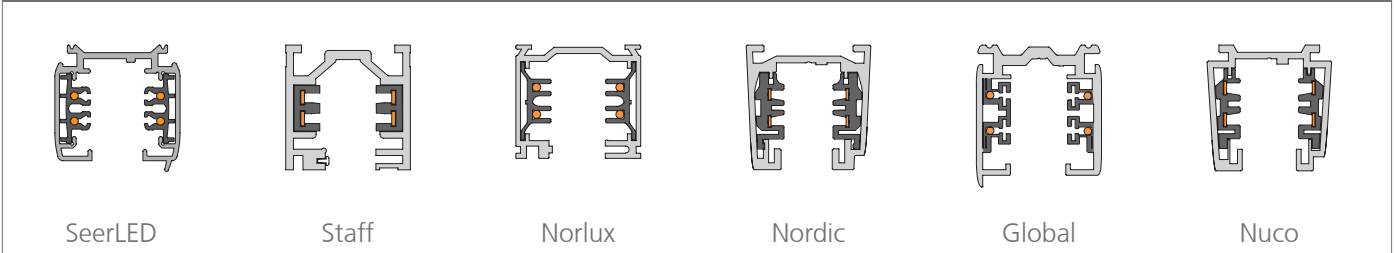
<sup>(1)</sup> DALI Control optional, please consult SeerLED sales for more information.  
<sup>(2)</sup> IP20 is for indoor use only.

60° | IP 20 | CE | RoHS 2002/95/EC | QUALITY GUARANTEE 3 YEAR

**Alfa642 - Front Trim Options**

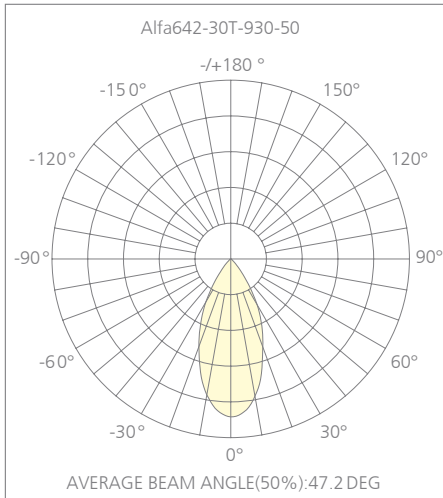


**Alfa642 - Track Base Compatibility**



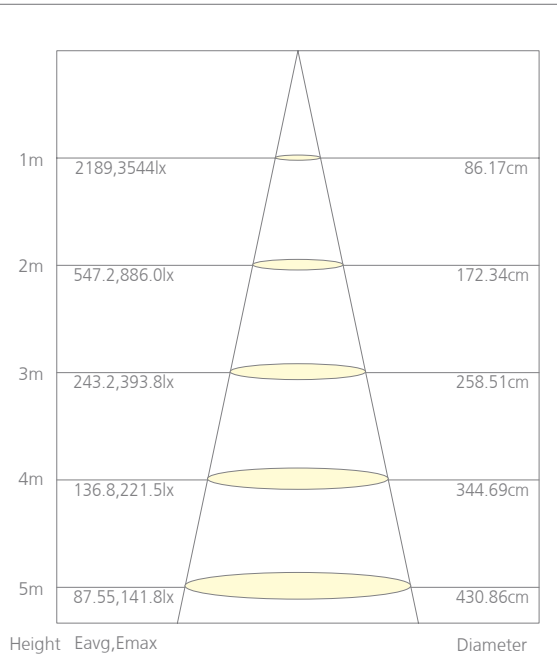
SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Photometric - Alfa642.N - Warm White 3000k CRI90



Light output ratio	
LOR	100 %
ULOR	0 %
DLOR	100%
FFR	0.00 (0:100)
BLF	1.00

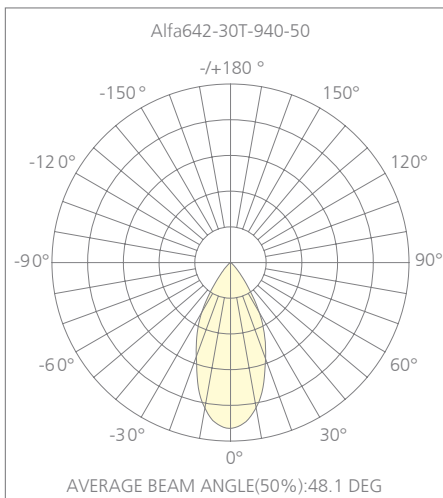
LUMINANCE cd/(m) <sup>2</sup>		
G(DEG)	C0/180	C90/270
85	6167	9511
80	7406	9141
75	8142	9327
70	8764	9589
65	8940	9160
60	8780	9132
55	9517	10873
50	13867	18560



Room Reflectance		Utilization Factors					Room Index				
Ceiling	Walls/Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
70	50   20	87	92	96	100	103	105	106	109	111	

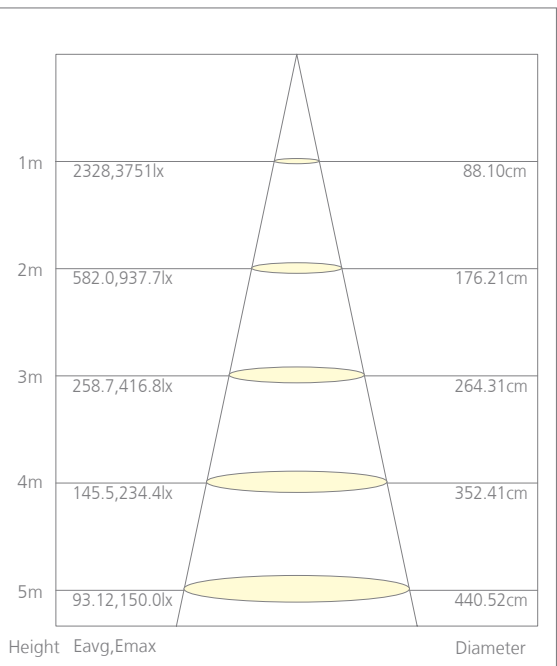
SHR Nom = 0.75 SHR Max = 0.80  
According to DIN EN 13032-2 2004

Photometric - Alfa642.N- Neutral White 4000k CRI90



Light output ratio	
LOR	100%
ULOR	0 %
DLOR	100 %
FFR	0.00 (0:100)
BLF	1.00

LUMINANCE cd/(m) <sup>2</sup>		
G(DEG)	C0/180	C90/270
85	9630	11224
80	9728	10585
75	10157	10772
70	10666	11248
65	11049	11704
60	10977	11897
55	12636	14334
50	18888	25704



Room Reflectance		Utilization Factors					Room Index				
Ceiling	Walls/Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
70	50   20	87	92	96	99	102	104	106	109	110	

SHR Nom = 0.75 SHR Max = 0.80  
According to DIN EN 13032-2 2004

SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

**Standard Order Table - Alfa642 60° 42w Tracklight**

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Trim</i>	<i>Beam</i>	<i>Driver</i>
Alfa642	Alfa642.NW	Neutral	White	Std	60°	Tridonic TEC C
Alfa642	Alfa642.NB	Neutral	Black	Std	60°	Tridonic TEC C
Alfa642	Alfa642.NW.AG	Neutral	White	Anti Glare	60°	Tridonic TEC C
Alfa642	Alfa642.NB.AG	Neutral	Black	Anti Glare	60°	Tridonic TEC C
Alfa642	Alfa642.NW.WW	Neutral	White	Wall Washer	60°	Tridonic TEC C
Alfa642	Alfa642.NB.WW	Neutral	Black	Wall Washer	60°	Tridonic TEC C
Alfa642	Alfa642.WW	Warm	White	Std	60°	Tridonic TEC C
Alfa642	Alfa642.WB	Warm	Black	Std	60°	Tridonic TEC C
Alfa642	Alfa642.WW.AG	Warm	White	Anti Glare	60°	Tridonic TEC C
Alfa642	Alfa642.WB.AG	Warm	Black	Anti Glare	60°	Tridonic TEC C
Alfa642	Alfa642.WW.WW	Warm	White	Wall Washer	60°	Tridonic TEC C
Alfa642	Alfa642.WB.WW	Warm	Black	Wall Washer	60°	Tridonic TEC C

**Non-Standard Order Table - Alfa142 18° 42w Tracklight**

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Trim</i>	<i>Beam</i>	<i>Driver</i>
Alfa142	Alfa142.NW	Neutral	White	Std	18°	Tridonic TEC C
Alfa142	Alfa142.NB	Neutral	Black	Std	18°	Tridonic TEC C
Alfa142	Alfa142.NW.AG	Neutral	White	Anti Glare	18°	Tridonic TEC C
Alfa142	Alfa142.NB.AG	Neutral	Black	Anti Glare	18°	Tridonic TEC C
Alfa142	Alfa142.NW.WW	Neutral	White	Wall Washer	18°	Tridonic TEC C
Alfa142	Alfa142.NB.WW	Neutral	Black	Wall Washer	18°	Tridonic TEC C
Alfa142	Alfa142.WW	Warm	White	Std	18°	Tridonic TEC C
Alfa142	Alfa142.WB	Warm	Black	Std	18°	Tridonic TEC C
Alfa142	Alfa142.WW.AG	Warm	White	Anti Glare	18°	Tridonic TEC C
Alfa142	Alfa142.WB.AG	Warm	Black	Anti Glare	18°	Tridonic TEC C
Alfa142	Alfa142.WW.WW	Warm	White	Wall Washer	18°	Tridonic TEC C
Alfa142	Alfa142.WB.WW	Warm	Black	Wall Washer	18°	Tridonic TEC C

**Non-Standard Order Table - Alfa242 25° 42w Tracklight**

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Trim</i>	<i>Beam</i>	<i>Driver</i>
Alfa242	Alfa242.NW	Neutral	White	Std	25°	Tridonic TEC C
Alfa242	Alfa242.NB	Neutral	Black	Std	25°	Tridonic TEC C
Alfa242	Alfa242.NW.AG	Neutral	White	Anti Glare	25°	Tridonic TEC C
Alfa242	Alfa242.NB.AG	Neutral	Black	Anti Glare	25°	Tridonic TEC C
Alfa242	Alfa242.NW.WW	Neutral	White	Wall Washer	25°	Tridonic TEC C
Alfa242	Alfa242.NB.WW	Neutral	Black	Wall Washer	25°	Tridonic TEC C
Alfa242	Alfa242.WW	Warm	White	Std	25°	Tridonic TEC C
Alfa242	Alfa242.WB	Warm	Black	Std	25°	Tridonic TEC C
Alfa242	Alfa242.WW.AG	Warm	White	Anti Glare	25°	Tridonic TEC C
Alfa242	Alfa242.WB.AG	Warm	Black	Anti Glare	25°	Tridonic TEC C
Alfa242	Alfa242.WW.WW	Warm	White	Wall Washer	25°	Tridonic TEC C
Alfa242	Alfa242.WB.WW	Warm	Black	Wall Washer	25°	Tridonic TEC C

SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Non-Standard Order Table - Alfa342 35° 42w Tracklight

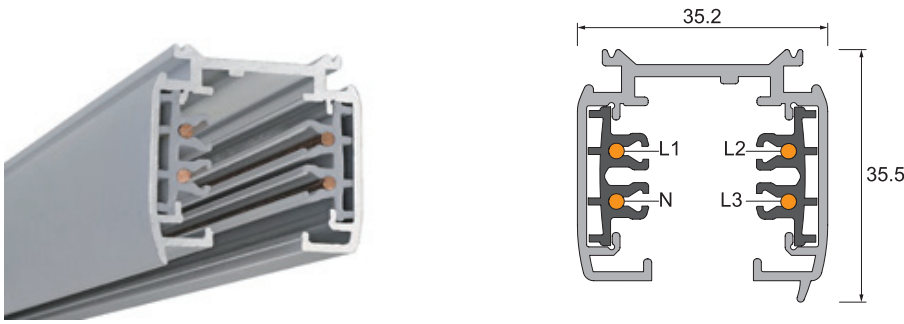
<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Trim</i>	<i>Beam</i>	<i>Driver</i>
Alfa342	Alfa342.NW	Neutral	White	Std	35°	Tridonic TEC C
Alfa342	Alfa342.NB	Neutral	Black	Std	35°	Tridonic TEC C
Alfa342	Alfa342.NW.AG	Neutral	White	Anti Glare	35°	Tridonic TEC C
Alfa342	Alfa342.NB.AG	Neutral	Black	Anti Glare	35°	Tridonic TEC C
Alfa342	Alfa342.NW.WW	Neutral	White	Wall Washer	35°	Tridonic TEC C
Alfa342	Alfa342.NB.WW	Neutral	Black	Wall Washer	35°	Tridonic TEC C
Alfa342	Alfa342.WW	Warm	White	Std	35°	Tridonic TEC C
Alfa342	Alfa342.WB	Warm	Black	Std	35°	Tridonic TEC C
Alfa342	Alfa342.WW.AG	Warm	White	Anti Glare	35°	Tridonic TEC C
Alfa342	Alfa342.WB.AG	Warm	Black	Anti Glare	35°	Tridonic TEC C
Alfa342	Alfa342.WW.WW	Warm	White	Wall Washer	35°	Tridonic TEC C
Alfa342	Alfa342.WB.WW	Warm	Black	Wall Washer	35°	Tridonic TEC C

Driver Options

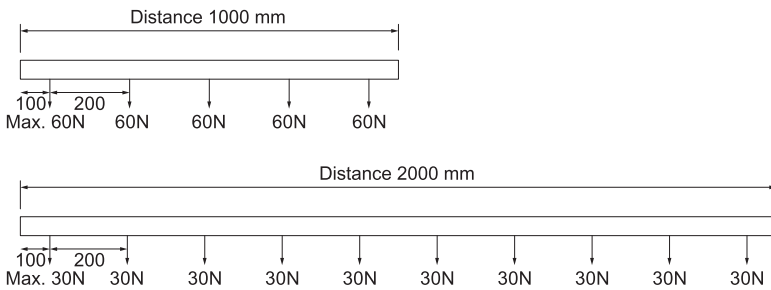
<i>Model</i>	<i>Manufacturer</i>	<i>Warranty</i>	<i>Dimming</i>	<i>C-Bus</i>
LCI 42w 1050mA TEC C	Tridonic	5 yrs	No	No

<sup>(1)</sup>DALI Dimmable available, contact SeerLED for more information.

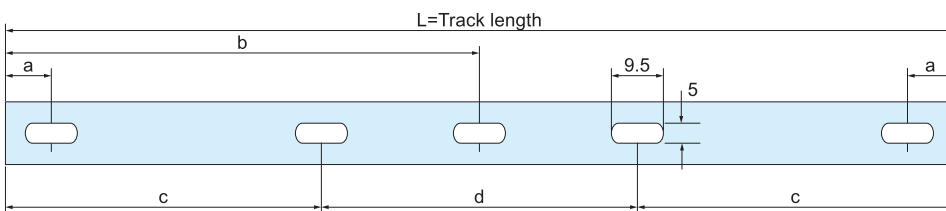
3 Phase Track - Surface / Suspension



Code	Description	Length	Colour	Stock Type
SR-PRO-0410-W	Track section 1m	1000mm	White	Standard
SR-PRO-0410-B	Track section 1m	1000mm	Black	Standard
SR-PRO-0410-S	Track section 1m	1000mm	Silver	Standard
SR-PRO-0420-W	Track section 2m	2000mm	White	Standard
SR-PRO-0420-B	Track section 2m	2000mm	Black	Standard
SR-PRO-0420-S	Track section 2m	2000mm	Silver	Standard
SR-PRO-0430-W	Track section 3m	3000mm	White	Order
SR-PRO-0430-B	Track section 3m	3000mm	Black	Order
SR-PRO-0430-S	Track section 3m	3000mm	Silver	Order
SR-PRO-0440-W	Track section 4m	4000mm	White	Order
SR-PRO-0440-B	Track Section 4m	4000mm	Black	Order
SR-PRO-0440-S	Track Section 4m	4000mm	Silver	Order

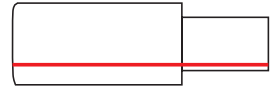
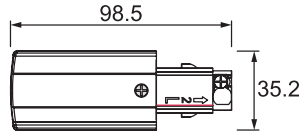


L / mm	a / mm	b / mm	c / mm	d / mm
1000	120			
2000	120	863		
3000	120		909	2086
4000	120		1242	2753



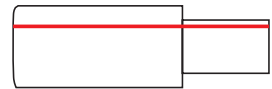
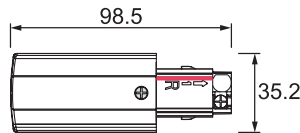
SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Live End Connector - Left



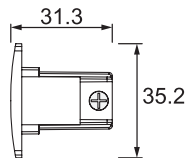
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0431L-W	Live end feed	Left	White	Standard
SR-PRO-0431L-B	Live end feed	Left	Black	Standard
SR-PRO-0431L-S	Live end feed	Left	Silver	Standard

Live End Connector - Right



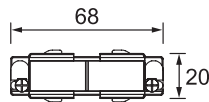
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0431R-W	Live end feed	Right	White	Standard
SR-PRO-0431R-B	Live end feed	Right	Black	Standard
SR-PRO-0431R-S	Live end feed	Right	Silver	Standard

End Cap



Code	Description	Polarity	Colour	Stock Type
SR-PRO-0432-W	End cap	N/A	White	Standard
SR-PRO-0432-B	End cap	N/A	Black	Standard
SR-PRO-0432-S	End cap	N/A	Silver	Standard

Mini Joiner



Code	Description	Polarity	Colour	Stock Type
SR-PRO-0433-W	Mini track joiner	N/A	White	Standard
SR-PRO-0433-B	Mini track joiner	N/A	Black	Standard
SR-PRO-0433-S	Mini track joiner	N/A	Silver	Standard

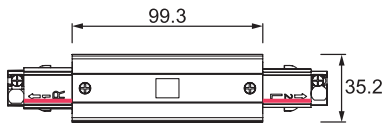
SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Mini Joiner (Insulated)



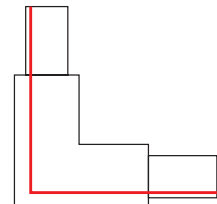
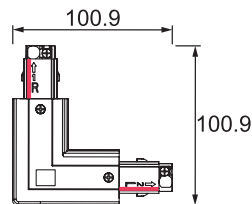
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0433A-W	Insulated joiner	Insulated	White	Standard
SR-PRO-0433A-B	Insulated joiner	Insulated	Black	Standard
SR-PRO-0433A-S	Insulated joiner	Insulated	Silver	Standard

Straight Connector Large



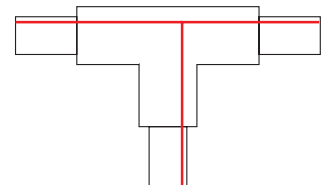
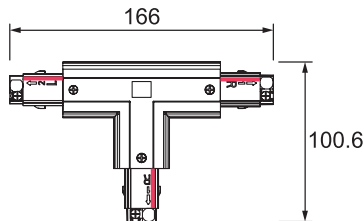
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0434-W	Straight connector, centre feed	N/A	White	Standard
SR-PRO-0434-B	Straight connector, centre feed	N/A	Black	Standard
SR-PRO-0434-S	Straight connector, centre feed	N/A	Silver	Standard

L Connector - Left



Code	Description	Polarity	Colour	Stock Type
SR-PRO-0435-W	90° connector	Left	White	Standard
SR-PRO-0435-B	90° connector	Left	Black	Standard
SR-PRO-0435-S	90° connector	Left	Silver	Standard

T Connector - Left Type 1

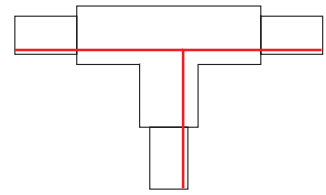
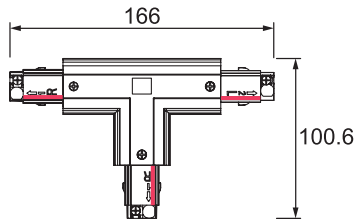


Code	Description	Polarity	Colour	Stock Type
SR-PRO-0436L1-W	T junction connector	Left Type 1	White	Standard
SR-PRO-0436L1-B	T junction connector	Left Type 1	Black	Standard
SR-PRO-0436L1-S	T junction connector	Left Type 1	Silver	Standard

SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

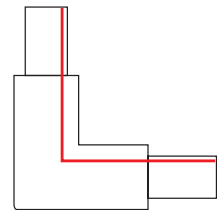
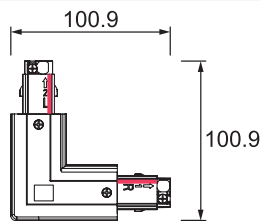


T Connector - Left Type 2



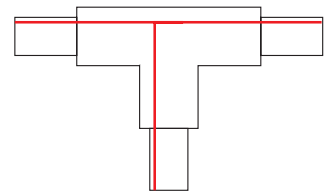
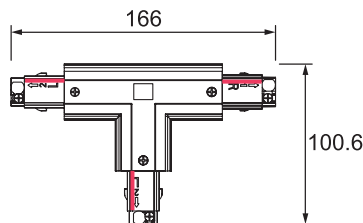
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0436L2-W	T junction connector	Left Type 2	White	Standard
SR-PRO-0436L2-B	T junction connector	Left Type 2	Black	Standard
SR-PRO-0436L2-S	T junction connector	Left Type 2	Silver	Standard

L Connector - Right



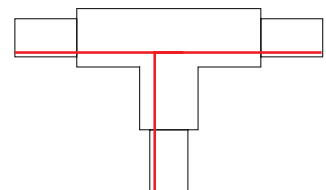
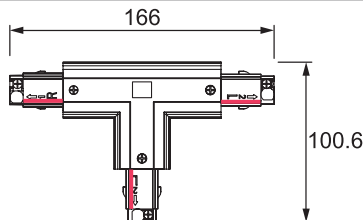
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0435-W	90° connector	Right	White	Standard
SR-PRO-0435-B	90° connector	Right	Black	Standard
SR-PRO-0435-S	90° connector	Right	Silver	Standard

T Connector - Right Type 1



Code	Description	Polarity	Colour	Stock Type
SR-PRO-0436R1-W	T junction connector	Right Type 1	White	Standard
SR-PRO-0436R1-B	T junction connector	Right Type 1	Black	Standard
SR-PRO-0436R1-S	T junction connector	Right Type 1	Silver	Standard

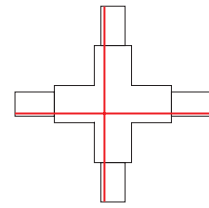
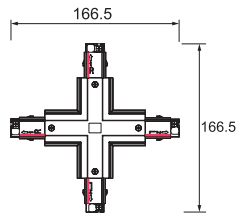
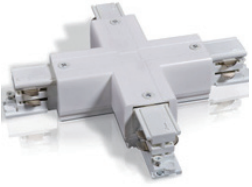
T Connector - Right Type 2



Code	Description	Polarity	Colour	Stock Type
SR-PRO-0436R2-W	T junction connector	Right Type 2	White	Standard
SR-PRO-0436R2-B	T junction connector	Right Type 2	Black	Standard
SR-PRO-0436R2-S	T junction connector	Right Type 2	Silver	Standard

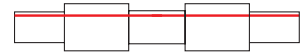
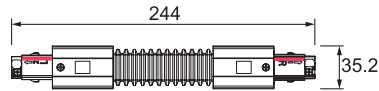
SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Cross Connector



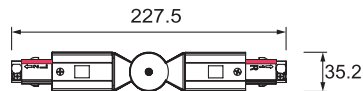
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0437-W	+ junction connector	N/A	White	Standard
SR-PRO-0437-B	+ junction connector	N/A	Black	Standard
SR-PRO-0437-S	+ junction connector	N/A	Silver	Standard

Flexible Connector



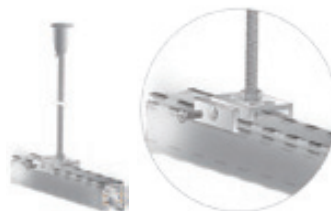
Code	Description	Polarity	Colour	Stock Type
SR-PRO-0439-W	0-90° connector	N/A	White	Standard
SR-PRO-0439-B	0-90° connector	N/A	Black	Standard
SR-PRO-0439-S	0-90° connector	N/A	Silver	Standard

Pivot Connector



Code	Description	Polarity	Colour	Stock Type
SR-PRO-M435-W	0-90° pivot connector	N/A	White	Order
SR-PRO-M435-B	0-90° pivot connector	N/A	Black	Order
SR-PRO-M435-S	0-90° pivot connector	N/A	Silver	Order

Suspension Kit - Rod 1m



Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc

Code	Description	Polarity	Colour	Stock Type
SR-PRO-0447-W	1m threaded rod suspension	N/A	White	Standard
SR-PRO-0447-B	1m threaded rod suspension	N/A	Black	Standard
SR-PRO-0447-S	1m threaded rod suspension	N/A	Silver	Standard

SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Suspension Kit - Wire 1.5m

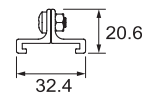
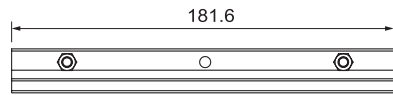


Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc

Code	Description	Polarity	Colour	Stock Type
SR-PRO-0448-W	1.5m wire suspension kit	N/A	White	Standard
SR-PRO-0448-B	1.5m wire suspension kit	N/A	Black	Standard
SR-PRO-0448-S	1.5m wire suspension kit	N/A	Silver	Standard

Suspension Clamp Support Long

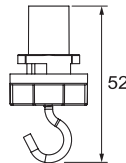
NEW 2015



Code	Description	Polarity	Colour	Stock Type
SR-PRO-0418SK-W	Joiner clamp support	N/A	White	Order
SR-PRO-0418SK-B	Joiner clamp support	N/A	Black	Order
SR-PRO-0418SK-S	Joiner clamp support	N/A	Silver	Order

Suspension Sky Hook

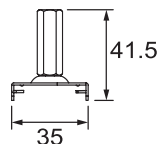
NEW 2015



Code	Description	Polarity	Colour	Stock Type
SR-PRO-M142-W	Accessory hook	Insulated	White	Order
SR-PRO-M142-B	Accessory hook	Insulated	Black	Order
SR-PRO-M142-S	Accessory hook	Insulated	Silver	Order

EZCLIK Suspension Kit - Rod 1m

NEW 2015



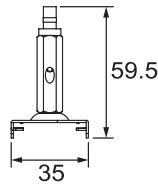
Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc

Code	Description	Polarity	Colour	Stock Type
SR-PRO-EZ0447-W	Twist lock 1m rod suspension kit	N/A	White	Order
SR-PRO-EZ0447-B	Twist lock 1m rod suspension kit	N/A	Black	Order
SR-PRO-EZ0447-S	Twist lock 1m rod suspension kit	N/A	Silver	Order

SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

## EZCLIK Suspension Kit - Wire 1.5m

NEW 2015

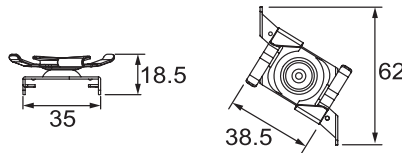
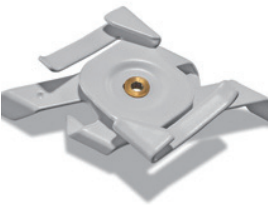


Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc

Code	Description	Polarity	Colour	Stock Type
SR-PRO-EZ0448-W	Twist lock wire suspension kit	N/A	White	Order
SR-PRO-EZ0448-B	Twist lock wire suspension kit	N/A	Black	Order
SR-PRO-EZ0448-S	Twist lock wire suspension kit	N/A	Silver	Order

## EZCLIK T-Bar Mounting Kit

NEW 2015

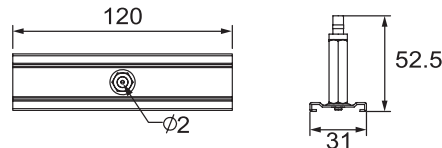


Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc

Code	Description	Polarity	Colour	Stock Type
SR-PRO-M146T-W	Quick connect T-Bar ceiling	N/A	White	Order
SR-PRO-M146T-B	Quick connect T-Bar ceiling	N/A	Black	Order
SR-PRO-M146T-S	Quick connect T-Bar ceiling	N/A	Silver	Order

## Suspension Reinforcement Support - Wire

NEW 2015

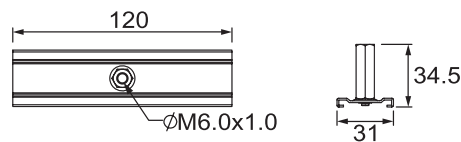


Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc

Code	Description	Polarity	Colour	Stock Type
SR-PRO-M147-W	Heavy duty suspension base	N/A	White	Order
SR-PRO-M147-B	Heavy duty suspension base	N/A	Black	Order
SR-PRO-M147-S	Heavy duty suspension base	N/A	Silver	Order

## Suspension Reinforcement Support - Rod

NEW 2015



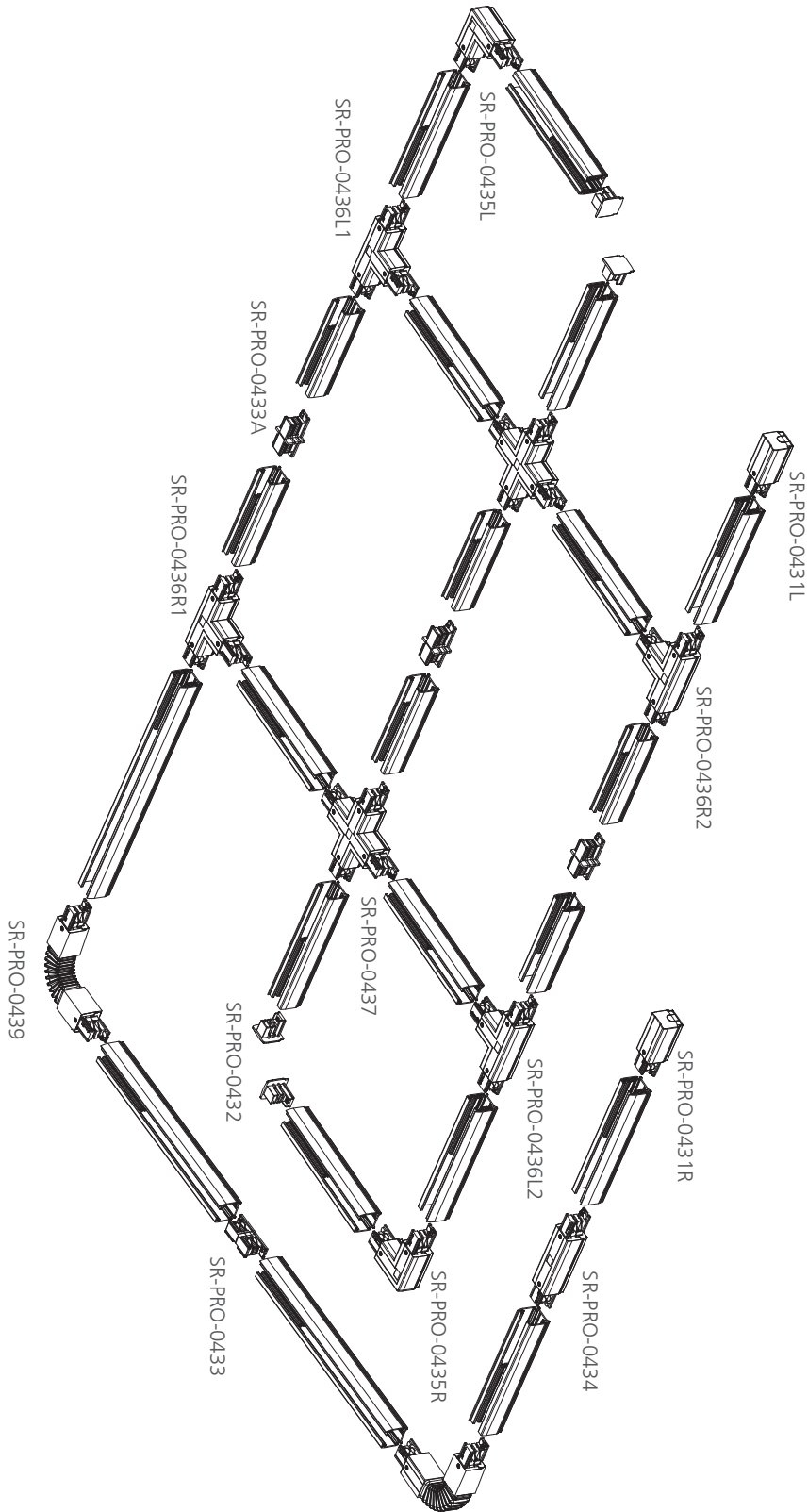
Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc

Code	Description	Polarity	Colour	Stock Type
SR-PRO-M148-W	Heavy duty suspension base	N/A	White	Order
SR-PRO-M148-B	Heavy duty suspension base	N/A	Black	Order
SR-PRO-M148-S	Heavy duty suspension base	N/A	Silver	Order

SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Typical Circuit Construction

Note:  
Suspension Kit Qty  
1m Track = 2pc  
2m Track = 2pc  
3m Track = 3-4pc  
4m Track = 3-5pc



Note: TRACK CONNECTORS ARE NON LOAD BEARING. Ensure each section of track is supported by at least 2 points for track lengths under 2m. Track lengths of 3-4m will require additional suspension points to reduce sagging or bowing with luminaires installed. Ensure suspension points are evenly spaced along the track length.

SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.