

# ALFA LINE GEN3



Alfa Line Gen3 is a Finnish-made LED luminaire with a luminous efficacy up to more than 200lm/W. The frame has a very low carbon footprint, which ensures an environmentally friendly and cost-effective lighting solution. The luminaire meets today's needs for human-centric lighting. The Alfa Line Gen3 luminaire is also available as a modular white row lighting solution. The modular solution allows the integration of e.g. safety lights, sensors or room-specific wired or wireless control. The Alfa Line Gen3 luminaire is available in three different lengths.

## Benefits

Excellent energy efficiency. Low glare in optics. The most cost-effective solution is obtained with 2370 mm luminaires, as fewer luminaires are needed. Dali, ActiveAhead and Casambi control are available, among others. Installation of the luminaire is easy with a ceiling bracket, cable attachment, luminaire rail bracket or as a row installation. The frame has an indentation on top, where all the wires and cables can be hidden. It is possible to get the luminaires pre-wired, either with standard or quick-connect cables. The pre-wired row lighting solution is very cost-effective and quick to install.

## Suitability

Schools, offices and public spaces. In general, facilities that seek high energy and cost efficiency, as well as a low carbon footprint.

The luminaire can, for example, be installed on the ceiling surface, mek rail and cables. Individually or as a row installation.

Open-plan offices: As individual luminaires or row lighting solution, where sensors and ATK sockets are in the same solution.

Schools: Row lighting solution with control and sensors.

Corridors: Single or as a row lighting solution. Safety lighting can be installed in a row lighting solution.



**GREENLED**

## Product families and variants

MODEL	TYPE CODE	POWER	LUMINOUS FLUX	LUMINAIRE EFFICACY	LIFETIME	OPERATING TEMPERATURE
Alfa Line Gen3 Pro 1204mm	GLALG301P14S	14 W	2860 lm	204 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 1204mm	GLALG301P20S	20 W	3960 lm	198 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 1204mm	GLALG301P28S	28 W	5550 lm	198 lm/W	L95B50>100 000h, C10 100 000hh	0 - +45°C
Alfa Line Gen3 Pro 1204mm	GLALG301P36S	36 W	7030 lm	193 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 1204mm	GLALG301P44S	44 W	8400 lm	191 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 1512mm	GLALG301P22M	22 W	4698 lm	200 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 1512mm	GLALG301P31M	31 W	6148 lm	197 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 1512mm	GLALG301P43M	43W	8289 lm	193 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 1512mm	GLALG301P54M	54W	10252 lm	191 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 2370mm	GLALG301P23L	23 W	4672 lm	203 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 2370mm	GLALG301P28L	28 W	5710 lm	200 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 2370mm	GLALG301P34L	34 W	6885 lm	200 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 2370mm	GLALG301P39L	39 W	7890 lm	200 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Pro 2370mm	GLALG301P45L	45 W	8900 lm	198 lm/W	L95B50>100 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1204mm	GLALG301B16S	16 W	2870 lm	179 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1204mm	GLALG301B22S	22 W	3940 lm	179 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C

MODEL	TYPE CODE	POWER	LUMINOUS FLUX	LUMINAIRE EFFICACY	LIFETIME	OPERATING TEMPERATURE
Alfa Line Gen3 Basic 1204mm	GLALG301B32S	32 W	5508 lm	172 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1204mm	GLALG301B43S	43 W	7000 lm	163 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1204mm	GLALG301B53S	53 W	8410 lm	159 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1512mm	GLALG301B26M	26 W	4613 lm	177 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1512mm	GLALG301B36M	36 W	6122 lm	170 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1512mm	GLALG301B49M	49 W	8187 lm	166 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 1512mm	GLALG301B63M	63 W	10234 lm	161 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 2370mm	GLALG301B25L	25 W	4590 lm	184 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 2370mm	GLALG301B31L	31 W	5700 lm	184 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 2370mm	GLALG301B38L	38 W	6790 lm	179 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 2370mm	GLALG301B45L	45 W	7840 lm	174 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C
Alfa Line Gen3 Basic 2370mm	GLALG301B52L	52 W	8900 lm	171 lm/W	L80B50>100 000h, L90B50>75 000h, C10 100 000h	0 - +45°C

**Notes:**

All values in ambient temperature of +25°C, CCT 5000K, CRI 80<sub>i</sub> luminous flux tolerance +-10%, output power tolerance +-10%.  
Use environment must be non condensing.

**Dimensions**

MODEL	TYPE CODE	LENGTH (L)	HEIGHT (H)	WIDTH (W)	WEIGHT
Alfa Line Gen3 Pro 1204mm	GLALG301P14S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Pro 1204mm	GLALG301P20S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Pro 1204mm	GLALG301P28S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Pro 1204mm	GLALG301P36S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Pro 1204mm	GLALG301P44S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Pro 1512mm	GLALG301P22M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Pro 1512mm	GLALG301P31M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Pro 1512mm	GLALG301P43M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Pro 1512mm	GLALG301P54M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Pro 2370mm	GLALG301P23L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Pro 2370mm	GLALG301P28L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Pro 2370mm	GLALG301P34L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Pro 2370mm	GLALG301P39L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Pro 2370mm	GLALG301P45L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Basic 1204mm	GLALG301B16S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Basic 1204mm	GLALG301B22S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Basic 1204mm	GLALG301B32S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Basic 1204mm	GLALG301B43S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Basic 1204mm	GLALG301B53S	1204 mm	51 mm	88 mm	3,5 kg
Alfa Line Gen3 Basic 1512mm	GLALG301B26M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Basic 1512mm	GLALG301B36M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Basic 1512mm	GLALG301B49M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Basic 1512mm	GLALG301B63M	1512 mm	51 mm	88 mm	4,1 kg
Alfa Line Gen3 Basic 2370mm	GLALG301B25L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Basic 2370mm	GLALG301B31L	2370 mm	51 mm	88 mm	5,5 kg

MODEL	TYPE CODE	LENGTH (L)	HEIGHT (H)	WIDTH (W)	WEIGHT
Alfa Line Gen3 Basic 2370mm	GLALG301B38L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Basic 2370mm	GLALG301B45L	2370 mm	51 mm	88 mm	5,5 kg
Alfa Line Gen3 Basic 2370mm	GLALG301B52L	2370 mm	51 mm	88 mm	5,5 kg

## General Description

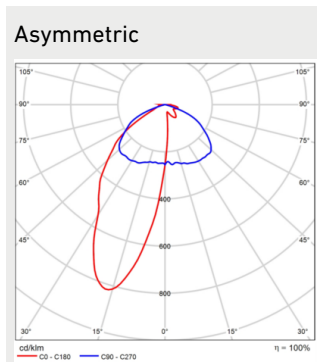
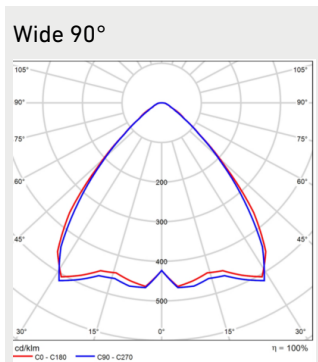
<b>COLOUR TEMPERATURE:</b>	3000, 4000, 5000, K <sup>(1)</sup>
<b>COLOUR RENDERING INDEX:</b>	R <sub>A</sub> ≥ 80 (optiona 90)
<b>LIGHT SOURCE SHIELD:</b>	PMMA
<b>IP CLASS:</b>	IP20
<b>SUPPLY VOLTAGE:</b>	220-240 Vac
<b>FREQUENCY:</b>	50-60 Hz
<b>PF:</b>	> 0.90
<b>THD:</b>	20%
<b>CONNECTION:</b>	Chainable max 5*2.5mm <sup>2</sup> OR max 3*2.5mm <sup>2</sup> and DALI +/-.
<b>DIMMABILITY:</b>	DALI, On/Off, Casambi, Helvar ActiveAhead <sup>(2)</sup>
<b>COLOUR:</b>	White (Option: galvanized).
<b>MATERIAL OF THE LUMINAIRE BODY:</b>	Steel
<b>GUARANTEE:</b>	Basic versions 5 years, Pro versions 8 years.
<b>ACCESSORIES (INSTALLATION):</b>	3008687 Omega / Alfa Line G2 ceiling bracket, 9905242 Omega / Alfa Line G2 suspension wire bracket 3m, 9905243 Omega / Alfa Line G2 suspension wire bracket 5m, 9905248 Omega/AlfaLineG2 adjustable susp. wire bracket 5m, 9905247 Omega/AlfaLineG2 adjustable susp. wire bracket 3m, 9908540 Omega / Alfa Line G2 Threaded rod bracket, G00480 Omega/Alfa Line G2 lighting track bracket, 9905207 Adjustable ceiling bracket, 9905209 Adjustable lighting suspension rail bracket MEK 110, 9905208 Omega/ALG2 adjustable suspensionrail bracket 70, E1500149 Suspension rail bracket MEK 110 white, E1500147 Suspension rail bracket MEK 82 white, 9908435 Suspension rail bracket MEK 70, 3508103 Horizontal wire bracket max 8 mm, G00464 Omega / ALG2 safety ceiling bracket zinc, G00465 Omega / ALG2 safety ceiling bracket white, 3008036 Omega / Alfa Line G2 Suspension rail bracket 110, 9908467 Omega / Alfa Line G2 Suspension rail bracket 82, 9908435 Omega / Alfa Line G2 Suspension rail bracket 70, 9905214 Omega / ALG2 safety suspensionrail bracket 70, 9905215 Omega / ALG2 safety suspensionrail bracket 110, 9908357 Omega/ALG2 railbracket 45 degree zink, 9908358 Omega/ALG2 railbracket 45 degree white, Omega/ALG2 railbracket <sup>(4)</sup> , 9905216 Omega / Alfa Line G2 Ladderbracket

## Notes:

1) SDCM  $\leq 3$

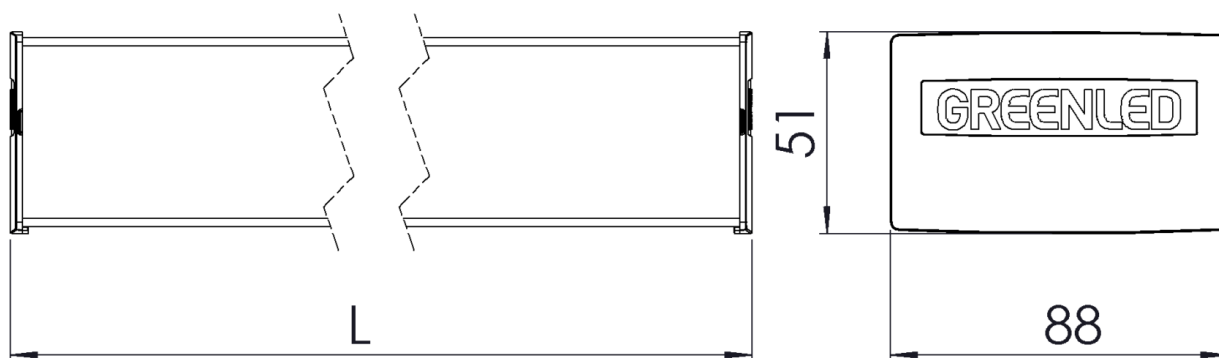
2) Helvar Active Ahead not available for Alfa Line Gen 3 Basic 2370mm 25W (GLALG301B25L) version or any Pro versions (GLALG301PXXX)

## Light distribution



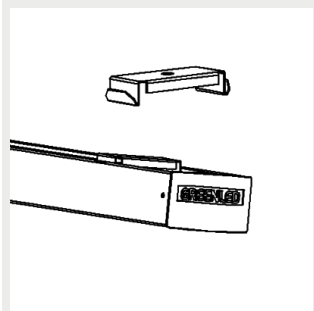
## Dimensions

Alfa Line Gen3 (mm)

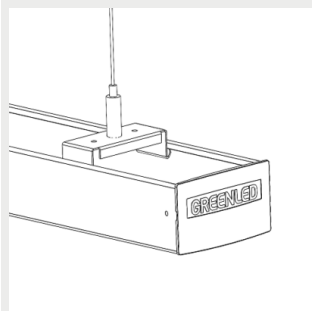


## Brackets

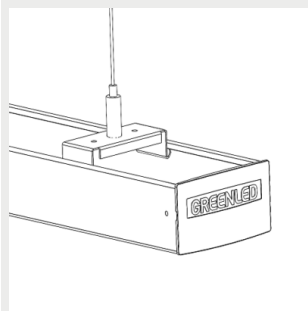
3008687 Omega / Alfa Line  
G2 ceiling bracket



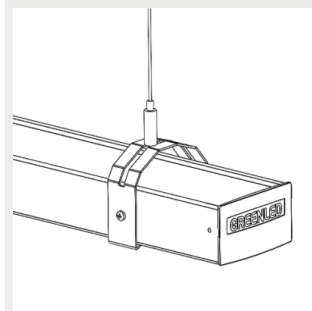
9905242 Omega / Alfa Line  
G2 suspension wire bracket  
3m



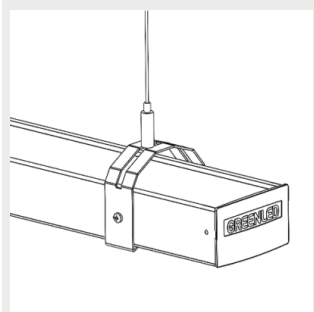
9905243 Omega / Alfa Line  
G2 suspension wire bracket  
5m



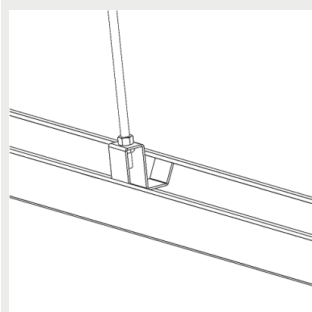
9905248 Omega/AlfaLineG2  
adjustable susp. wire  
bracket 5m



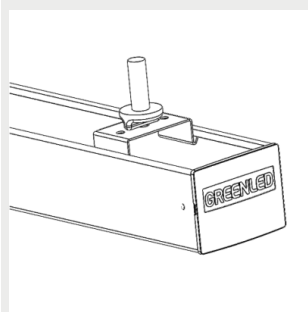
9905247 Omega/AlfaLineG2  
adjustable susp. wire  
bracket 3m



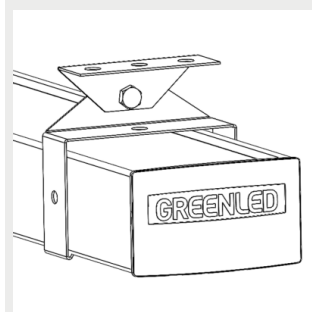
9908540 Omega / Alfa Line  
G2 Threaded rod bracket



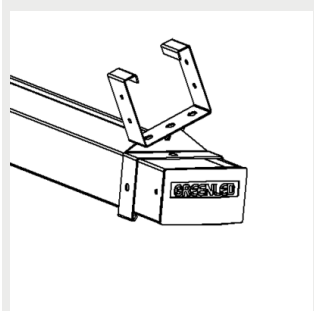
G00480 Omega/Alfa Line G2  
lighting track bracket



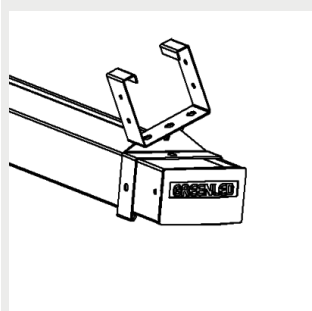
9905207 Adjustable ceiling  
bracket



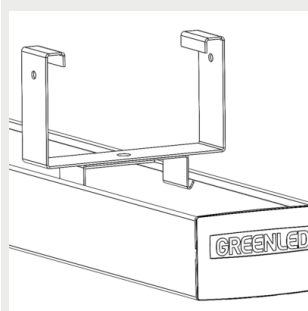
9905209 Adjustable lighting  
suspension rail bracket MEK  
110



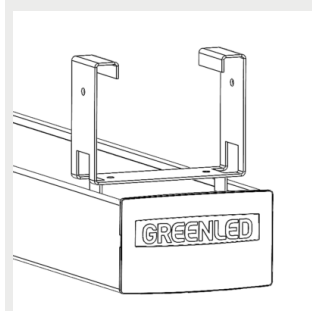
9905208 Omega/ALG2  
adjustable suspensionrail  
bracket 70



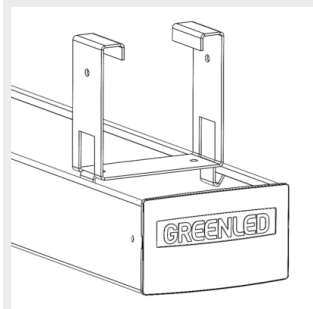
E1500149 Suspension rail  
bracket MEK 110 white



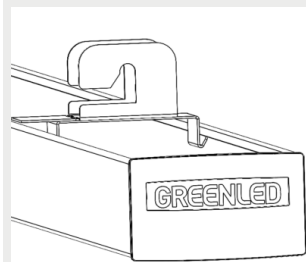
E1500147 Suspension rail  
bracket MEK 82 white



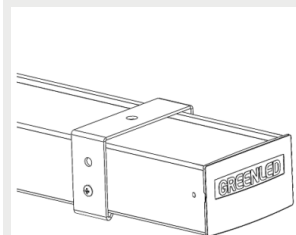
9908435 Suspension rail bracket MEK 70



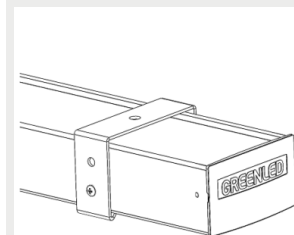
3508103 Horizontal wire bracket max 8 mm



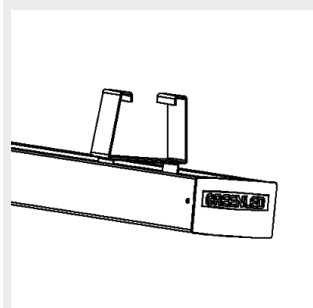
G00464 Omega / ALG2 safety ceiling bracket zinc



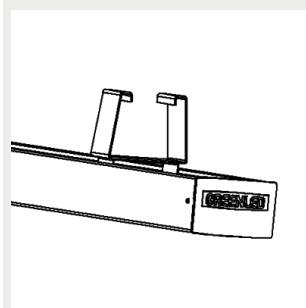
G00465 Omega / ALG2 safety ceiling bracket white



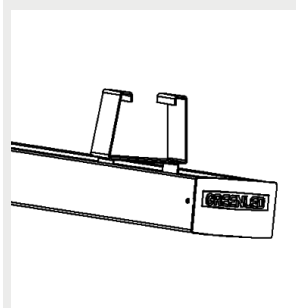
3008036 Omega / Alfa Line G2 Suspension rail bracket 110



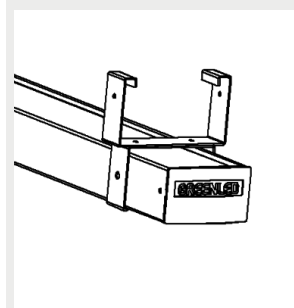
9908467 Omega / Alfa Line G2 Suspension rail bracket 82



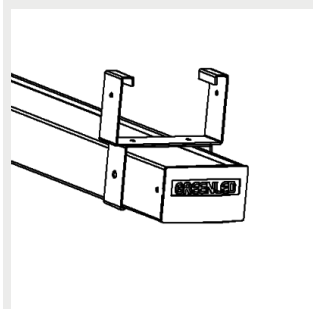
9908435 Omega / Alfa Line G2 Suspension rail bracket 70



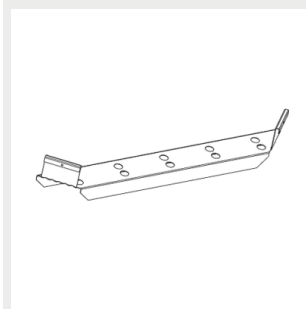
9905214 Omega / ALG2 safety suspensionrail bracket 70



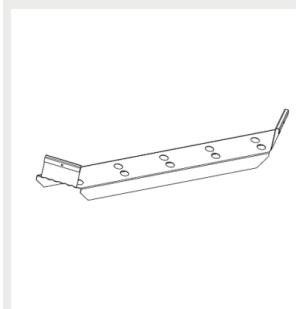
9905215 Omega / ALG2 safety suspensionrail bracket 110



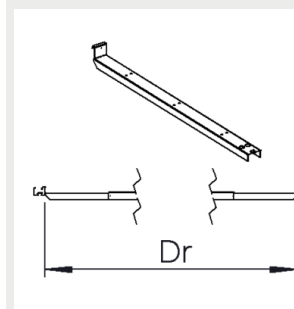
9908357 Omega/ALG2 railbracket 45 degree zink



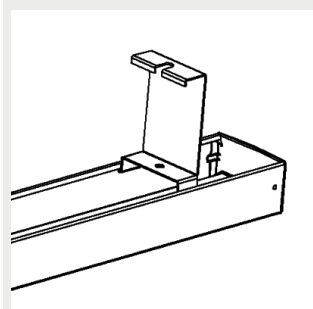
9908358 Omega/ALG2 railbracket 45 degree white



Omega/ALG2 railbracket <sup>(4)</sup>

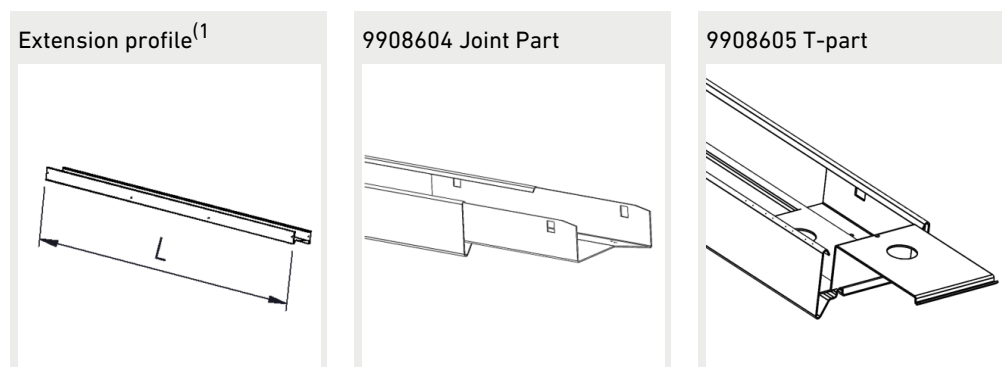


9905216 Omega / Alfa Line G2 Ladderbracket





## Accessories



## Circuit breakers

	B10	B16	B20	C10	C16	C20
Alfa line Gen3 Basic Active Ahead 16W,22W,32W,26W,36W,31W,38W,	20	33	42	34	56	70
Alfa line Gen3 Basic Active Ahead 43W,49W,45W,52W.	11	18	23	19	31	38
Alfa line Gen3 Basic Active Ahead 53W,63W.	11	18	22	18	30	37
Alfa line Gen3 Basic OnOff 16W,22W.	19	30	37	31	51	62
Alfa line Gen3 Basic OnOff 32W,43W,63W.	10	16	21	16	26	35
Alfa line Gen3 Basic OnOff 26W,36W,49W,63W,25W,31W,38W,45W,52W.	16	26	33	26	43	55
Alfa line Gen3 Basic OnOff 53W.	6	10	12	10	16	21
Alfa line Gen3 Basic DALI 16W,22W.	17	28	35	29	47	58
Alfa line Gen3 Basic DALI 32W,43W.	12	20	25	20	33	41
Alfa line Gen3 Basic DALI 26W,36W,49W,63W,25W,31W,38W,45W,52W.	13	22	27	21	36	45
Alfa line Gen3 Basic DALI 53W.	13	21	27	21	35	45
Alfa line Gen3 Pro OnOff 23W,29W	16	26	33	26	43	55
Alfa line Gen3 PRO DALI 14W.	17	28	35	29	47	58
Alfa line Gen3 PRO DALI 23W,29W.	13	22	27	21	36	45
Alfa line Gen3 Basic DALI 63W.	21	36	45	37	61	74
Alfa line Gen3 PRO DALI /OnOff 20W,28W,37W,44W,22W,31W,43W,54W,35W,40W,45W.	21	36	45	37	61	74

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## **CUSTOMER SERVICE:**

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