

# OMEGA GEN2



The Omega Gen2 product family offers superior energy-efficiency combined with superb optics. The structure of the product and ease of installation always ensure a cost-effective solution.

## Benefits

Luminaire with wide range of mechanical brackets. Self-supporting frame between the lighting suspension tracks. Wide range of different brackets for different mountings, joining parts and extensions provide cost-efficiency in implementation. Suitable for different purposes thanks to high-quality lenses and multiple power versions. Winsta or Enstonet systems enable easy connectivity and quick installation. A lighting solution that can be upgraded easily.

## Suitability

Versatile Omega Gen2 product family has been designed to illuminate the stores, logistic premises, sports halls, offices and public premises. The Omega Gen2 luminaires provide even and glare-free light.



**GREENLED**

## Product families and variants

MODEL	TYPE CODE	POWER	LUMINOUS FLUX	LUMINAIRE EFFICACY	LIFETIME	OPERATING TEMPERATURE
Omega Gen2 1204mm	GLOG201031	31 W	5010 lm	162 lm/W	L80B50>100 000h, L90B50=75 000h, C10 100 000h	0 - +45°C
Omega Gen2 1204mm	GLOG201038	38 W	6020 lm	158 lm/W	L80B50>100 000h, L90B50=75 000h, C10 100 000h	0 - +45°C
Omega Gen2 1204mm	GLOG201047	47 W	7480 lm	159 lm/W	L80B50>100 000h, L90B50=75 000h, C10 100 000h	0 - +45°C
Omega Gen2 1204mm	GLOG201058	58 W	8790 lm	152 lm/W	L80B50>100 000h, L90B50=50 000h, C10 100 000h	0 - +40°C
Omega Gen2 1204mm	GLOG201071	71 W	10450 lm	147 lm/W	L80B50>100 000h, L90B50=50 000h, C10 75 000h	0 - +30°C
Omega Gen2 2370mm	GLOG201065	65 W	11080 lm	170 lm/W	L80B50>100 000h, L90B50=75 000h, C10 100 000h	0 - +45°C
Omega Gen2 2370mm	GLOG201079	79 W	13060 lm	165 lm/W	L80B50>100 000h, L90B50=75 000h, C10 100 000h	0 - +45°C
Omega Gen2 2370mm	GLOG201106	106 W	16920 lm	160 lm/W	L80B50>100 000h, L90B50=50 000h, C10 100 000h	0 - +35°C
Omega Gen2 2370mm	GLOG201118	118 W	18690 lm	158 lm/W	L80B50>100 000h, L90B50=50 000h, C10 100 000h	0 - +35°C
Omega Gen2 2370mm	GLOG201134	134 W	20370 lm	152 lm/W	L80B50>100 000h, L90B50=50 000h, C10 100 000h	0 - +45°C
Omega Gen2 2370mm	GLOG201147	147 W	22000 lm	150 lm/W	L80B50>100 000h, L90B50=50 000h, C10 100 000h	0 - +40°C

## Notes:

All values in ambient temperature of +25°C, CCT 4000K, CRI80, luminous flux tolerance +-5%, output power tolerance +-5%. Use environment must be non condensing.

## Dimensions

MODEL	TYPE CODE	LENGTH (L)	HEIGHT (H)	WIDTH (W)	WEIGHT
Omega Gen2 1204mm	GLOG201031	1204 mm	51 mm	88 mm	3,5 kg
Omega Gen2 1204mm	GLOG201038	1204 mm	51 mm	88 mm	3,5 kg
Omega Gen2 1204mm	GLOG201047	1204 mm	51 mm	88 mm	3,5 kg
Omega Gen2 1204mm	GLOG201058	1204 mm	51 mm	88 mm	3,5 kg
Omega Gen2 1204mm	GLOG201071	1204 mm	51 mm	88 mm	3,5 kg
Omega Gen2 2370mm	GLOG201065	2370 mm	51 mm	88 mm	5,5 kg
Omega Gen2 2370mm	GLOG201079	2370 mm	51 mm	88 mm	5,5 kg
Omega Gen2 2370mm	GLOG201106	2370 mm	51 mm	88 mm	5,5 kg
Omega Gen2 2370mm	GLOG201118	2370 mm	51 mm	88 mm	5,5 kg
Omega Gen2 2370mm	GLOG201134	2370 mm	51 mm	88 mm	5,5 kg
Omega Gen2 2370mm	GLOG201147	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 (option 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>	> 0.95
<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 <sup>(2)</sup>
<b>COLOUR:</b>	Galvanized steel (white steel RAL 9010 as an option)

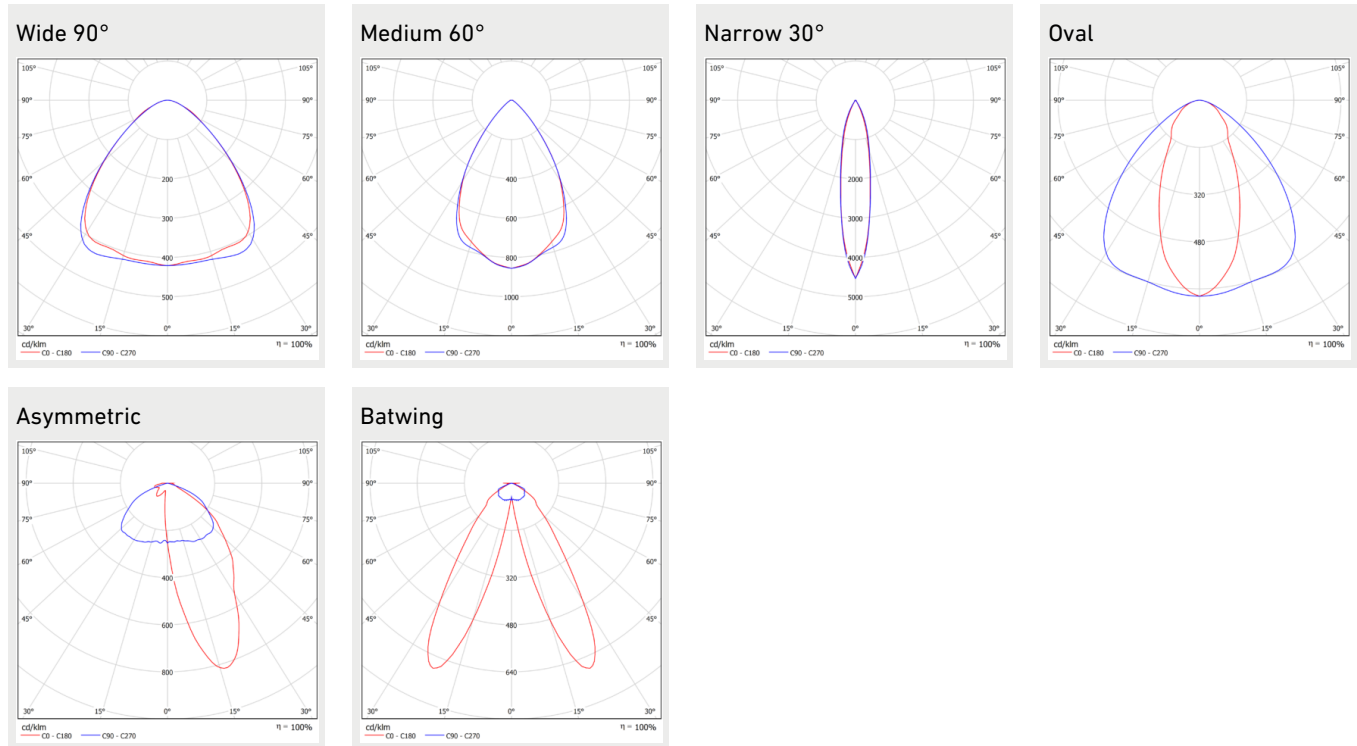
<b>MATERIAL OF THE LUMINAIRE BODY:</b>	Steel
<b>GUARANTEE:</b>	5 years
<b>ACCESSORIES (INSTALLATION):</b>	3008687 Omega / Alfa Line G2 ceiling bracket, 9908435 Omega / Alfa Line G2 Suspension rail bracket 70, 9908467 Omega / Alfa Line G2 Suspension rail bracket 82, 3008036 Omega / Alfa Line G2 Suspension rail bracket 110, 9905207 Omega / Alfa Line G2 adjustable ceiling bracket, 9905208 Omega/ALG2 adjustable suspensionrail bracket 70, 9905209 Omega/ALG2 adjustable suspensionrail bracket 110, 9905214 Omega / ALG2 safety suspensionrail bracket 70, 9905215 Omega / ALG2 safety suspensionrail bracket 110, 9905216 Omega / Alfa Line G2 Ladderbracket, G00480 Omega/Alfa Line G2 lighting track bracket, 9905247 Omega/AlfaLineG2 adjustable susp. wire bracket 3m, 9905248 Omega/AlfaLineG2 adjustable susp. wire bracket 5m, 9908540 Omega / Alfa Line G2 Threaded rod bracket, 9905242 Omega / Alfa Line G2 suspension wire bracket 3m, 9905243 Omega / Alfa Line G2 suspension wire bracket 5m, G00464 Omega / ALG2 safety ceiling bracket zinc, G00465 Omega / ALG2 safety ceiling bracket white, G00616 Omega / ALG2 ceiling ball bracket <sup>(3)</sup> , G00611 Omega / ALG2 adjustable suspensionrail ball bracket 70 <sup>(3)</sup> , G00612 Omega / ALG2 adjustable suspensionrail ball bracket 82 <sup>(3)</sup> , G00613 Omega / ALG2 adjustable suspensionrail ball bracket 110 <sup>(3)</sup> , Omega/ALG2 railbracket <sup>(4)</sup> , 9908358 Omega/ALG2 railbracket 45 degree white, 9908357 Omega/ALG2 railbracket 45 degree zink, 3508103 Horizontal wire bracket max 8 mm, E1500149 Suspension rail bracket MEK 110 white, E1500147 Suspension rail bracket MEK 82 white, E1500145 Suspension rail bracket MEK 70 white

## Notes:

1) SDCM ≤3

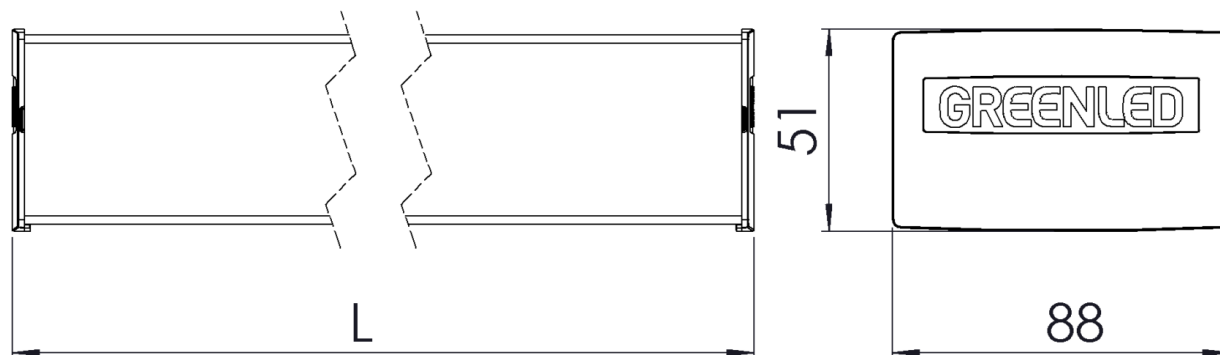
2) Not available for 31W models (GLOG201031)

# Light distribution



## Dimensions

Omega Gen2 (mm)

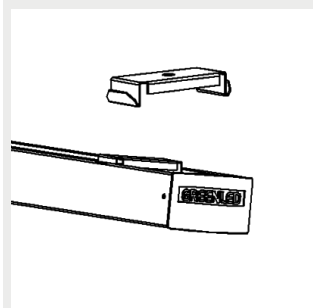


### Notes:

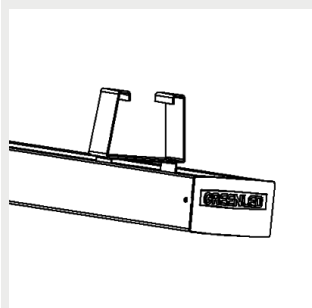
L = 1204 mm / 2370 mm

## Brackets

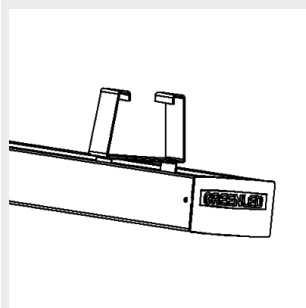
3008687 Omega / Alfa Line  
G2 ceiling bracket



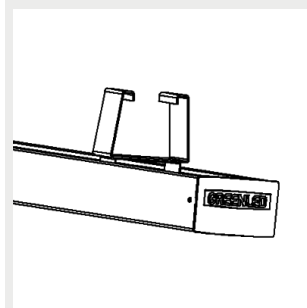
9908435 Omega / Alfa Line  
G2 Suspension rail bracket  
70



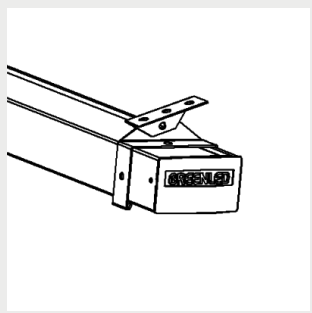
9908467 Omega / Alfa Line  
G2 Suspension rail bracket  
82



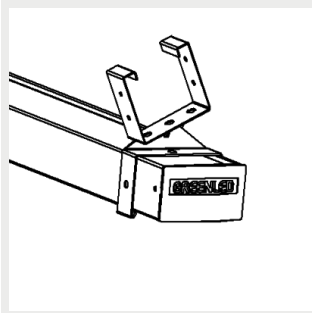
3008036 Omega / Alfa Line  
G2 Suspension rail bracket  
110



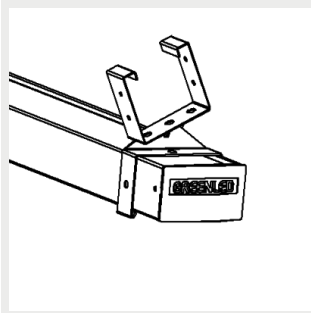
9905207 Omega / Alfa Line  
G2 adjustable ceiling bracket



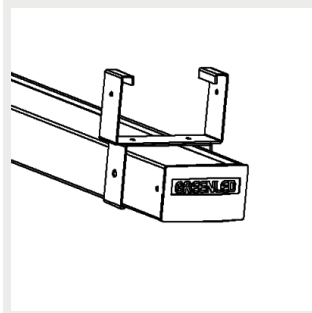
9905208 Omega/ALG2  
adjustable suspensionrail  
bracket 70



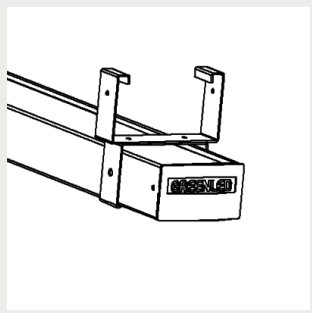
9905209 Omega/ALG2  
adjustable suspensionrail  
bracket 110



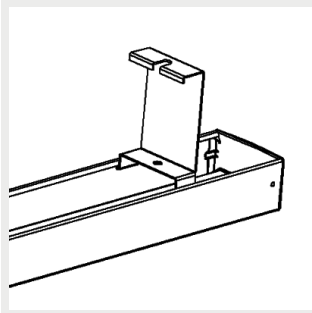
9905214 Omega / ALG2  
safety suspensionrail  
bracket 70



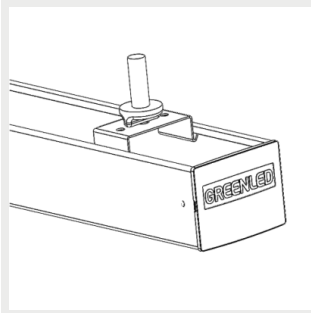
9905215 Omega / ALG2  
safety suspensionrail  
bracket 110



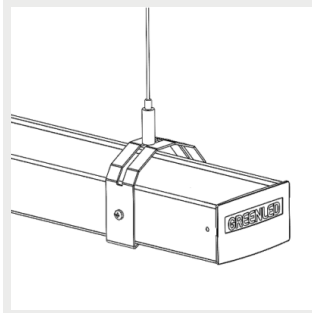
9905216 Omega / Alfa Line  
G2 Ladderbracket



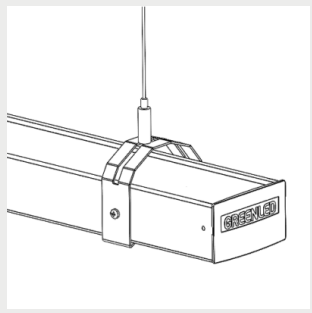
G00480 Omega/Alfa Line G2  
lighting track bracket



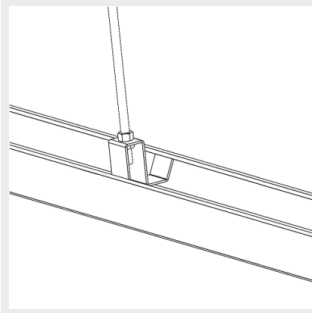
9905247 Omega/AlfaLineG2  
adjustable susp. wire  
bracket 3m



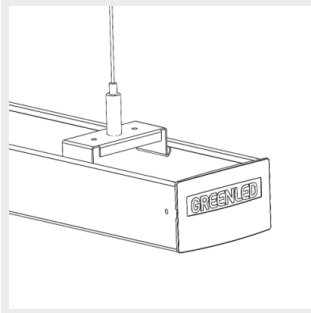
9905248 Omega/AlfaLineG2  
adjustable susp. wire  
bracket 5m



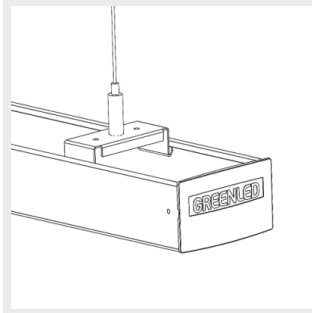
9908540 Omega / Alfa Line  
G2 Threaded rod bracket



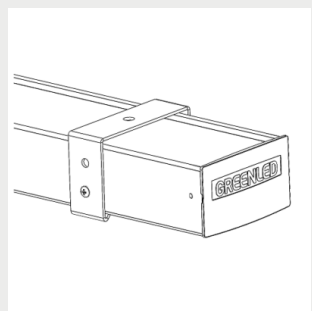
9905242 Omega / Alfa Line  
G2 suspension wire bracket  
3m



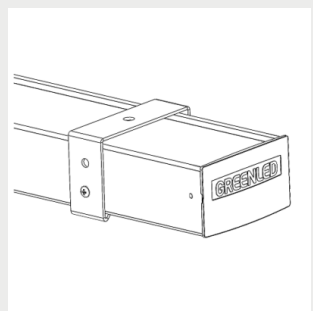
9905243 Omega / Alfa Line  
G2 suspension wire bracket  
5m



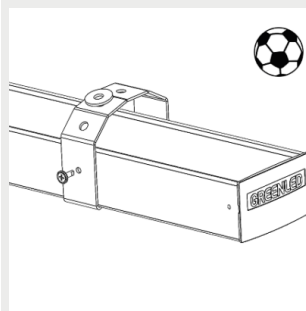
G00464 Omega / ALG2  
safety ceiling bracket zinc



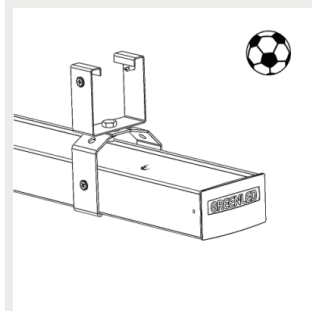
G00465 Omega / ALG2  
safety ceiling bracket white



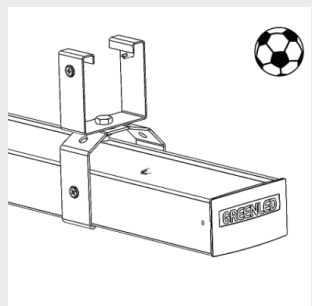
G00616 Omega / ALG2  
ceiling ball bracket<sup>(3)</sup>



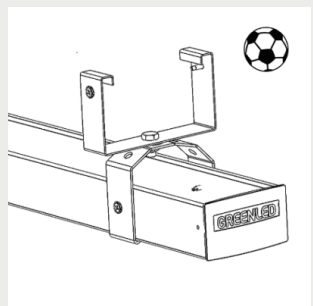
G00611 Omega / ALG2  
adjustable suspensionrail  
ball bracket 70<sup>(3)</sup>



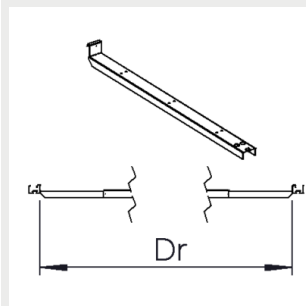
G00612 Omega / ALG2  
adjustable suspensionrail  
ball bracket 82<sup>(3)</sup>



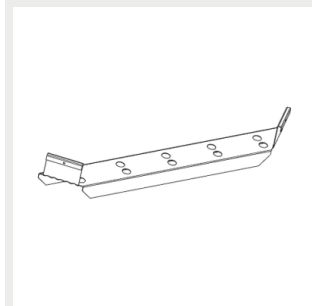
G00613 Omega / ALG2  
adjustable suspensionrail  
ball bracket 110<sup>(3)</sup>



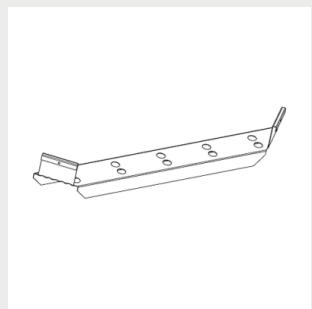
Omega/ALG2 railbracket<sup>(4)</sup>



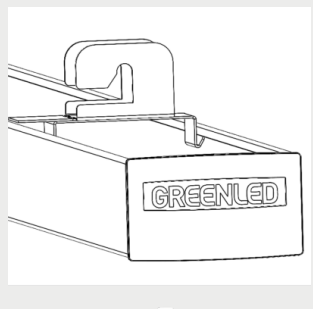
9908358 Omega/ALG2  
railbracket 45 degree white



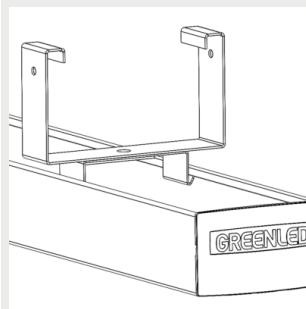
9908357 Omega/ALG2  
railbracket 45 degree zink



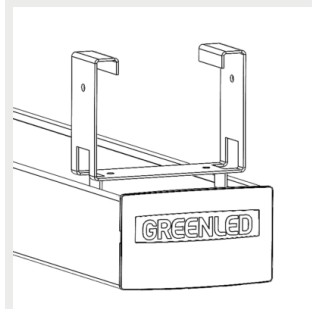
3508103 Horizontal wire  
bracket max 8 mm



E1500149 Suspension rail  
bracket MEK 110 white

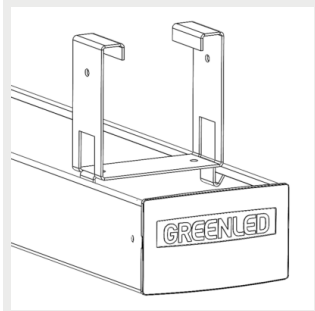


E1500147 Suspension rail  
bracket MEK 82 white





E1500145 Suspension rail  
bracket MEK 70 white



## Notes:

3) DIN VDE 0710-13

4)

9908497 Omega/ALG2 railbracket 1254-1564/2020-2740 zink

9908530 Omega/ALG2 railbracket 1254-1564/2020-2740 white

9908221 Omega/ALG2 railbracket 1600-1925/2370-3090 zink

9908918 Omega/ALG2 railbracket 1600-1925/2370-3090 white

9908361 Omega/ALG2 railbracket 2264-2584/2620-3750 zink

9908362 Omega/ALG2 railbracket 2264-2584/2620-3750 white

9908447 Omega/ALG2 railbracket 2665-2990/3020-4150 zink

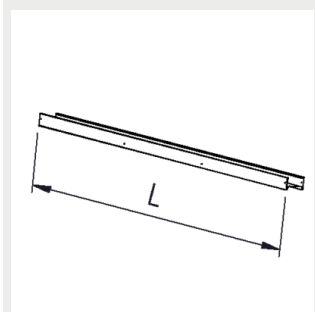
9908448 Omega/ALG2 railbracket 2665-2990/3020-4150 white

9908479 Omega/ALG2 railbracket 3080-3400/4070-4400 zink

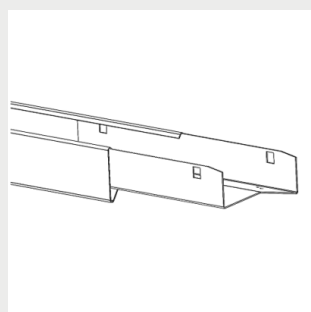
9908919 Omega/ALG2 railbracket 3080-3400/4070-4400 white

## Accessories

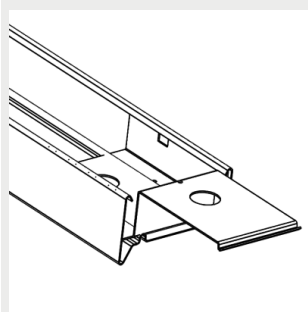
Extension profile<sup>(1)</sup>



9908604 Joint Part



9908605 T-part



**Notes:**

1)

9908625 O extension profile 500 zinc  
 9908626 O extension profile 1000 zinc  
 9908627 O extension profile 1500 zinc  
 9908628 O extension profile 2000 zinc  
 9908629 O extension profile 2500 zinc  
 9908630 O extension profile 500 white  
 9908631 O extension profile 1000 white  
 9908632 O extension profile 1500 white  
 9908633 O extension profile 2000 white  
 9908634 O extension profile 2500 white

**Circuit breakers**

	B10	B16	B20	C10	C16	C20
Omega Gen2 1204mm 31W, 38W, 47W, 58W, 71W DALI	13	21	27	21	35	45
Omega Gen2 2370mm 65W, 79W DALI	17	22	25	28	36	41
Omega Gen2 2370mm 106W DALI	17	22	25	21	34	41
Omega Gen2 2370mm 118W DALI	17	22	25	19	31	39
Omega Gen2 2370mm 134W DALI	17	22	25	17	27	34
Omega Gen2 2370mm 147W DALI	15	22	25	15	25	31
Omega Gen2 1204mm 31W, 38W OnOff	10	16	21	16	26	35
Omega Gen2 1204mm 47W, 58W, 71W OnOff	20	32	40	32	51	64
Omega Gen2 2370mm 65W, 79W OnOff	20	32	40	29	46	58
Omega Gen2 2370mm 106W, 118W OnOff	11	18	22	11	18	22
Omega Gen2 2370mm 134W, 147W OnOff	7	11	14	11	19	23

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