



02117E00

Compact Sheet-Steel Light Fittings

Series 6114 (Zones 1 & 2)

Series 6514 (Zones 2, 21 & 22)

- For fluorescent lamps 8 W
- With electronic ballasts
- As 1-, 2- oder 3-lamp version
- Versions
 - Pendant fitting
 - Wall-mounting fitting
 - Flush mounted fitting
- Powder-coated steel or stainless steel
- Can be fitted to order with emergency exit signs
- Central lock
- All pole disconnection via NC switch in positive opening operation when glass cover is opened (Series 6114)

Series 6114 and 6514 compact light fittings can be used for normal lighting, but also as information fittings or as group or centrally-powered emergency lights.

Zones 1 & 2, 21 & 22

Compact Sheet-Steel Light Fittings

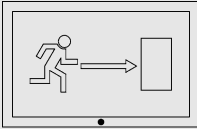
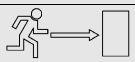
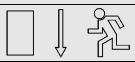
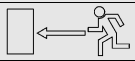
Series 6114 (Zones 1 & 2)

Series 6514 (Zones 2, 21 & 22)

Selection Table

Version	Lamps	Electronic ballasts piece	Order number	Weight kg
6114 Pendant light fitting (Zones 1 & 2)	1 x 8 W fluorescent lamps	1	6114/5081-80.1-3230-...-1	6.230
	2 x 8 W fluorescent lamps	1	6114/5082-80.1-3230-...-1	6.330
	2 x 8 W fluorescent lamps	2	6114/5082-90.1-3230-...-1	6.730
	3 x 8 W fluorescent lamps	1	6114/5083-80.1-3230-...-1	6.430
	3 x 8 W fluorescent lamps	2	6114/5083-90.1-3230-...-1	6.890
6114 Wall-mounting light fitting (Zones 1 & 2)*	1 x 8 W fluorescent lamps	1	6114/6081-80.1-3230-...-1	6.630
	2 x 8 W fluorescent lamps	1	6114/6082-80.1-3230-...-1	6.730
	2 x 8 W fluorescent lamps	2	6114/6082-90.1-3230-...-1	7.130
	3 x 8 W fluorescent lamps	1	6114/6083-80.1-3230-...-1	6.830
	3 x 8 W fluorescent lamps	2	6114/6083-90.1-3230-...-1	7.290
6114 Recessed light fitting (Zones 1 & 2)	1 x 8 W fluorescent lamps	1	6114/7081-80.1-3230-...-1	6.870
	2 x 8 W fluorescent lamps	1	6114/7082-80.1-3230-...-1	6.970
	2 x 8 W fluorescent lamps	2	6114/7082-90.1-3230-...-1	7.370
	3 x 8 W fluorescent lamps	1	6114/7083-80.1-3230-...-1	7.070
	3 x 8 W fluorescent lamps	2	6114/7083-90.1-3230-...-1	7.530

Order number supplement

Cable entries	Standard: 1 x cable gland M25 x 1,5 1 x plug M25 x 1,5	6.14/.....1.....
	Special: Specify non-standard entries in writing	6.14/.....2.....
Emergency exit signs	Needed only when used as information lights or escape sign lights; with adhesive symbols positioned as follows: Mounting position Standard  A 09035e00	
	Special Please state other positions in writing Please specify emergency exit sign number Symbols complying with VBG 125, DIN 4844, DIN 5035; recognition distance e: 45 m; size: 395 x 235 mm	
	Illustration Description	
	without	6.14/.....-00- 6.14/.....-17- 6.14/.....-30- 6.14/.....-19-
	 08482e00	Colour Sign Background white green
	 08484e00	Colour Sign Background white green
	 08482e00	Colour Sign Background white green

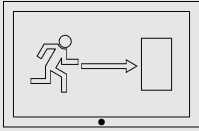
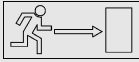
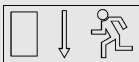
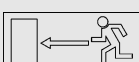
Notes:

Compact light fittings can be operated as emergency lighting via a group or central battery system. The light fittings are supplied without lamps and mounting material. These must be ordered separately. Further escape and information signs available on request.
* Wall-mounting brackets must be ordered separately.



Compact Sheet-Steel Light Fittings Series 6114 (Zones 1 & 2) Series 6514 (Zones 2, 21 & 22)

Selection Table					
Version	Lamps	Electronic ballasts piece	Order number	Weight kg	
6514 Pendant light fitting (Zones 2, 21 & 22)	1 x 8 W	Fluorescent lamps	1	6514/5081-80.0-7230-...-1	6.230
	2 x 8 W	Fluorescent lamps	1	6514/5082-80.0-7230-...-1	6.330
	3 x 8 W	Fluorescent lamps	1	6514/5083-80.0-7230-...-1	6.430
	1 x 24 W	DULUX L lamps	1	6514/5241-80.0-4230-...-1	5.820
	1 x 60 W	Incandescent lamp	--	6514/5601-00.0-0230-...-1	5.980
	2 x 40 W	Incandescent lamp	--	6514/5402-00.0-0230-...-1	6.130
6514 Wall-mounting light fitting (Zones 2, 21 & 22)	1 x 8 W	Fluorescent lamps	1	6514/6081-80.0-7230-...-1	6.630
	2 x 8 W	Fluorescent lamps	1	6514/6082-80.0-7230-...-1	6.730
	3 x 8 W	Fluorescent lamps	1	6514/6083-80.0-7230-...-1	6.830
	1 x 24 W	DULUX L lamps	1	6514/6241-80.0-4230-...-1	6.220
	1 x 60 W	Incandescent lamp	--	6514/6601-00.0-0230-...-1	6.380
	2 x 40 W	Incandescent lamp	--	6514/6402-00.0-0230-...-1	6.530
6514 Recessed light fitting (Zones 2, 21 & 22)	1 x 8 W	Fluorescent lamps	1	6514/7081-80.0-7230-...-1	6.870
	2 x 8 W	Fluorescent lamps	1	6514/7082-80.0-7230-...-1	6.970
	3 x 8 W	Fluorescent lamps	1	6514/7083-80.0-7230-...-1	7.070
	1 x 24 W	DULUX L lamps	1	6514/7241-80.0-4230-...-1	6.460
	1 x 60 W	Incandescent lamp	--	6514/7601-00.0-0230-...-1	6.620
	2 x 40 W	Incandescent lamp	--	6514/7402-00.0-0230-...-1	6.770

Order number supplement				
Cable glands	Standard: 1 x cable gland M25 x 1,5 2 x plug M25 x 1,5			6514/.....1.....
	Special: Specify non-standard entries in writing			6514/.....9.....
Emergency exit sign	Needed only when used as information lights or escape sign lights; with adhesive symbols positioned as follows: Mounting position Standard			
	Special Please state other positions in writing Please specify emergency exit sign number Symbols complying with VBG 125, DIN 4844, DIN 5035; recognition distance e: 45 m; size: 395 x 235 mm			
	Illustration	Description		
	without			6.14/.....-00- 6514/.....-17-
		Colour Sign Background	white green	
	08482e00			
		Colour Sign Background	white green	6514/.....-30-
	08484e00			
		Colour Sign Background	white green	6514/.....-19-
	08482e00			

Notes:
Compact light fittings can be operated as emergency lighting via a group or central battery system. The light fittings are supplied without lamps and mounting material. These must be ordered separately. Further escape and information signs available on request.
* Wall-mounting brackets must be ordered separately.



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Series 6114 (Zones 1 & 2)

Series 6514 (Zones 2, 21 & 22)

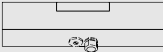
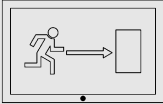
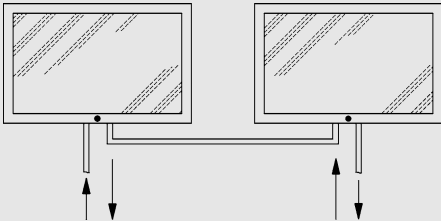
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Technical Data				
Version	6114 (Zones 1 & 2)		6514 (Zones 2, 21 & 22)	
Explosion protection				
Gas explosion protection	⊕ II 2G EEx ed IIC T4		Zone 2: ⊕ II 3G EEx nA II T4	
Dust explosion protection	--		Zone 21: ⊕ II 2 D IP 65 T80 °C Zone 22: ⊕ II 3 D IP 65 T80 °C	
Certificates				
Gas explosion protection	PTB 99 ATEX 2200		applied for / Supplier's Declaration	
Dust explosion protection	--		applied for / Supplier's Declaration	
Marking	CE 0102		CE 0102	
Rated voltage	AC: 220 V ... 254 V, 50/60 Hz DC: 198 V ... 254 V		for fluorescent lamps AC: 220 V ... 240 V, 50/60 Hz DC: 198 V ... 254 V for DULUX L lamps AC: 220 V ... 240 V, 50/60 Hz DC: 176 V ... 254 V for incandescent lamps 230 V	
Nominal operational current	Lamps	Power	Electronic ballast	Rated current
	Fluorescent lamps	1 x 8 W	1 ECG	0,088 A
		2 x 8 W	1 ECG	0,135 A
			2 ECGs	0,176 A
		3 x 8 W	1 ECG	0,200 A
			2 ECGs	0,223 A
	DULUX L lamps	1 x 24 W	1 ECG	0,11 A
	Incandescent lamps	1 x 60 W	-	0,26 A
		2 x 40 W	-	0,35 A
Operating temperature range				
Lamps	Two-pin fluorescent lamps, 8 W, 16 mm diameter, for G5 holders; 1 x 8 W; 2 x 8 W; 3 x 8 W		Fluorescent lamps, 8 W, 16 mm diameter, for lampholders G5; 1 x 8 W; 2 x 8 W; 3 x 8 W DULUX L lamps: 1 x 24 W Incandescent lamps: 1 x 60 W; 2 x 40 W	
Type of protection	IP65			
Protection class	I (with internal PE connection terminal)			
Material				
Enclosure	Standard: Sheet-steel, powder coated, colour similar to RAL 9016 Special: Stainless steel			
Gasket	EPDM; formed gasket			
Lens	Safety glass			
Central lock	Central locking using screw driver; glass cover hinged for access; On opening of light fitting power to electronic ballast is disconnected			
Light guides	Reflector painted white			
Connection	Cage clamp terminals; L, N, PE; cable diameter range 1 x 2,5 mm ² for solid and flexible cores (3 free terminals for looping through of cables)			
Faulty lamp	If lamp is faulty, power supply is automatically switched off by the electronic ballast			




Compact Sheet-Steel Light Fittings Series 6114 (Zones 1 & 2) Series 6514 (Zones 2, 21 & 22)

Technical Data

Cable entries	<p>Standard: 1 cable gland 8161 in plastic M 25 x 1.5 and 1 plug 8290 in plastic, M 25 x 1.5</p>   <p style="text-align: right; font-size: small;">09036e00</p>
	<p>Special: other cable entries in plastic or metal on request</p>
Looping through of cables	<p>There are 3 free terminals assembled in the light fitting for looping through of cables</p>  <p style="text-align: right; font-size: small;">09037E00</p>
Assembly	<p>Pendant light fitting Light fitting top has 2 M 8 threaded rivets which allow use of different mounting parts, e. g. ring bolts.</p> <p>Wall-mounting light fitting Each small end is fitted with 1 M 12 threaded bolt. The light fitting is hooked-in by these bolts to the mounting brackets and secured by lock nuts. The light fittings angle of inclination is infinitely variable.</p> <p>Recessed light fitting Mounting frames with fixing holes are welded-on. Light fitting is inserted into ceiling cut out and fixed via mounting frame. The frames are flush with the glass cover.</p>
Emergency exit signs	<p>Use for information lights or escape route lighting</p> <p>Material Foil, self-adhesive, printed with various pictograms in different colours</p> <p>Mounting Foil, stuck to the cover externally</p> <p>Options Available emergency exit signs are detailed in selection table</p> <p>Recognition distance e = 45 m</p> <p>Dimensions 395 mm x 235 mm</p>

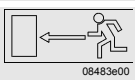
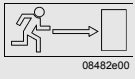

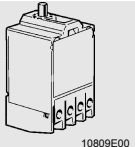


Accessories and Spare Parts

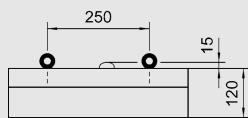
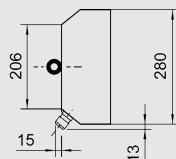
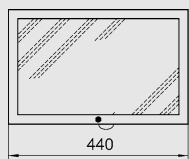
Designation	Illustration	Description	Order number	Weight kg						
Fluorescent lamps	 <small>04936E00</small>	<table border="0"> <tr> <td>Colour of light</td> <td>Light flux</td> <td></td> </tr> <tr> <td>cool white</td> <td>450 lm</td> <td>10 pc</td> </tr> </table>	Colour of light	Light flux		cool white	450 lm	10 pc	119045	0.415
Colour of light	Light flux									
cool white	450 lm	10 pc								
Wall-mounting bracket	 <small>05375E00</small>	<table border="0"> <tr> <td>Material:</td> <td>Sheet steel</td> <td>1 pair</td> </tr> <tr> <td>For light fittings width:</td> <td>280 mm</td> <td></td> </tr> </table>	Material:	Sheet steel	1 pair	For light fittings width:	280 mm		108948	1.000
Material:	Sheet steel	1 pair								
For light fittings width:	280 mm									
Ring bolts	 <small>05378E00</small>	M8, direct mounting in insert nuts, 1 pair	115736	0.056						



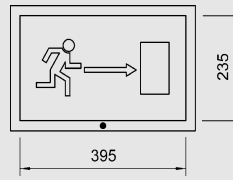
Accessories and Spare Parts

Designation	Illustration	Description	Order number	Weight kg
Emergency exit sign		Adhesive foil, to stick on the glass cover Size: 395 x 235 mm Recognition distance: e = 45 m		
		Colours Sign white 1 pc. Background green	113312	0.027
		Colours Sign white 1 pc. Background green	113310	0.027
		Colours Sign white 1 pc. Background green	113327	0.015
Switch		Switch element 8080/1-3-L, 2 NC	132527	0.025

Dimensional Drawings (All Dimensions in mm) - Subject to Alterations

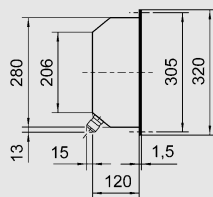
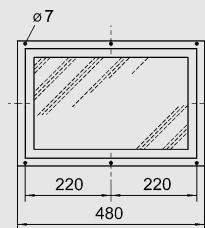


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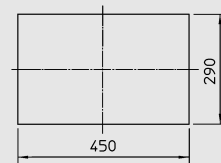
09038e00

Pendant light fitting



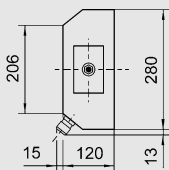
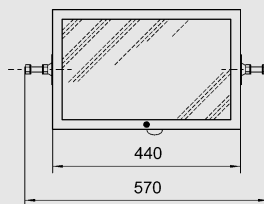
04724e00

Emergency exit sign



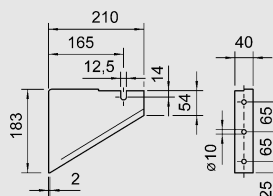
09675e00

Recessed tight fitting



04723e00

Mounting cut out



04601e00

Wall-mounting light fitting

Compact sheet-steel light fitting 6114 and 6514

Wall-mounting bracket

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.