

Sheet Steel Light Fitting Series 6014

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- With electronic ballast
- For two-pin fluorescent lamps
 - 1- , 2-, 3- or 4-lamp versions
- Options
 - Pendant fitting
 - Wall-mounting fitting
 - Flush-mounting fitting
- Painted sheet steel or stainless steel
- Central locking
- All-pole disconnection by N/C switch when cover is opened

STAHL

Series 6014, light fittings are preferred for use in lighting spraying and painting installations.

Zone 1 and Zone 2

Selection table

Version	Description			Ordering code			Weight [kg]
	Lamps	Width [mm]	Rated voltage	Pendant light fittings	Wall-mounting light fitting *	Flush-mounting light fitting	
6014	Light fittings with electronic ballasts for two-pin fluorescent lamps						
Light fittings for use in Zone 1 and Zone 2	1 x 18/20 W	280		6014/5121-8□□1	6014/6121-8□□1	6014/7121-8□□1	10,6/10,9/12,3
	2 x 18/20 W	280		6014/5122-8□□1	6014/6122-8□□1	6014/7122-8□□1	11,1/11,5/12,8
	3 x 18/20 W	380		6014/5223-8□□1	6014/6223-8□□1	6014/7223-8□□1	17,6/18,0/19,0
	4 x 18/20 W	380		6014/5224-8□□1	6014/6224-8□□1	6014/7224-8□□1	18,1/18,5/19,5
	1 x 36/40 W	280	220 V ... 254 V	6014/5141-8□□1	6014/6141-8□□1	6014/7141-8□□1	17,0/17,4/18,4
	2 x 36/40 W	280	220 V ... 254 V	6014/5142-8□□1	6014/6142-8□□1	6014/7142-8□□1	17,5/17,9/19,4
	3 x 36/40 W	380	50 ... 60 HZ	6014/5243-8□□1	6014/6243-8□□1	6014/7243-8□□1	25,5/25,9/27,5
	4 x 36/40 W	380	AC / DC	6014/5244-8□□1	6014/6244-8□□1	6014/7244-8□□1	26,5/26,9/28,5
	1 x 58/65 W	280		6014/5161-8□□1	6014/6161-8□□1	6014/7161-8□□1	20,0/20,5/22,1
	2 x 58/65 W	280		6014/5162-8□□1	6014/6162-8□□1	6014/7162-8□□1	20,5/20,9/22,6
	3 x 58/65 W	380		6014/5263-8□□1	6014/6263-8□□1	6014/7263-8□□1	30,5/30,9/32,8
	4 x 58/65 W	380		6014/5264-8□□1	6014/6264-8□□1	6014/7264-8□□1	31,5/31,9/33,8

Add. to ordering code

Through wiring	without	6014/...-.0	6014/...-.0	6014/...-.0
	with 3-cores	6014/...-.3	6014/...-.3	6014/...-.3
	with 5-cores	6014/...-.5	6014/...-.5	6014/...-.5
Cable entries	Standard (M25)	6014...-.1	6014...-.1	6014...-.1
	Special version	6014...-.9	6014...-.9	6014...-.9

Special version Enclosure material: stainless steel, specify when ordering

Note: The light fittings are supplied without tubes and mounting material.
These must be ordered separately!
* Wall-mounting brackets must be ordered separately.



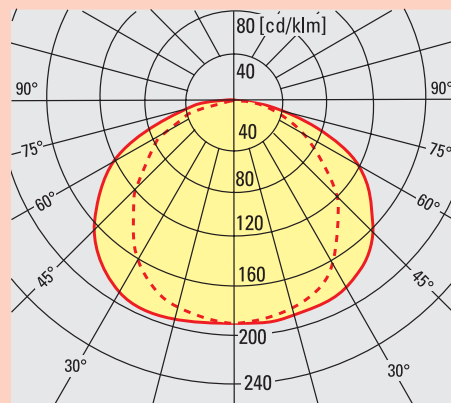
Technical data

Explosion protection	Ex II 2 G / Ex eds IIC T4				
Test certificate	PTB 99 ATEX applied for other certificates: FTZU (Czech Republic); BKI (Hungary); SEV (Switzerland), TÜV Vienna (Austria)				
Material	Standard: Sheet steel, powder-coated, Colour: white, similar to RAL 9016;				
Enclosure	Special: Stainless steel				
Transparent area	Safety glass, 6 mm thick				
Gasket	Ethylene-propylene-ter-polymer				
Lamps	Two-pin fluorescent lamps: 1 x 18 W; 2 x 18 W; 3 x 18 W; 4 x 18 W; 1 x 36 W; 2 x 36 W; 3 x 36 W; 4 x 36 W; 1 x 58 W; 2 x 58 W; 3 x 58 W; 4 x 58 W				
Rated voltage	AC: 220 V – 10% ... 254 V + 6%; 50 Hz / 60 Hz DC: 198 V – 10% ... 250 V + 10%				
Rated current	for light fittings with				
		1-lamp	2-lamps	3-lamps	4-lamps
	18 W	0,1 A	0,18 A	0,28 A	0,36 A
	36 W	0,18 A	0,33 A	0,51 A	0,66 A
58 W	0,25 A	0,49 A	0,74 A	0,98 A	
Power factor	cos φ = 0,98 A capacitive; additional compensation not required				

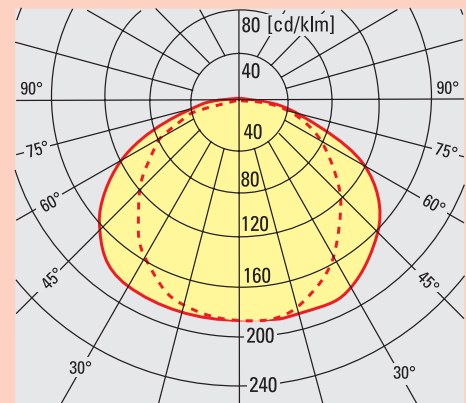
Technical data (Continuation)

Protection class	I (with internal PE terminal)
Degree of protection	IP 65
Ambient temperature	- 20 °C ... + 40 °C
Cover lock	Central locking; glass cover can be swung back on hinge. Power to ballast is disconnected when fitting opened.
Disconnection of light fitting on opening faulty lamp	Central locking device with safety interlock; switch 8080 with N/C contacts; when central lock is opened, voltage to ballast is disconnected on both poles; a safety interlock in switching mechanism prevents fitting from being reconnected while cover and central lock are open. If lamp is faulty power supply is automatically switched off by electronic ballast.
Light deflection	Reflector plate, can be swung out
Connection	Block terminal; 0,5 ... 4 mm ² solid
Cable entries	
Standard	1 cable gland M25 x 1,5; 2 plugs M25 x 1,5
Special	other cable entries on request
Mounting	
Pendant light fittings	Fitting top has 2 M8 threaded rivets which allow different mounting parts to be used, e.g. ring bolts or pipe clips.
Wall-mounting light fitting	Each small end is fitted with 1 M12 threaded bolt. The fitting is hooked-in by these bolts to the mounting brackets and secured by lock nuts. The fittings angle of inclination is infinitely variable.
Flush-mounting light fitting	These fittings have firmly welded-on mounting frames. The frames are flush with the glass cover. Frame can be manufactured to suit specific customer requirements.

Luminous intensity distribution



Z3021P

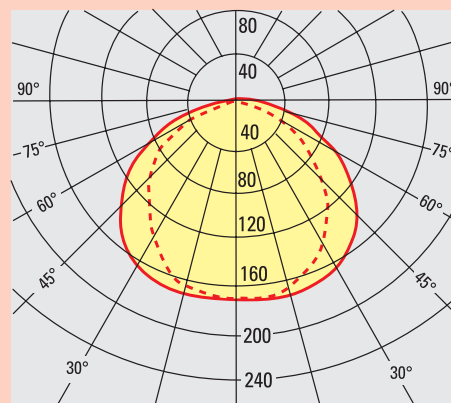


Z3022P

Version
Class

2-lamp
A 40

3-lamp
A 30

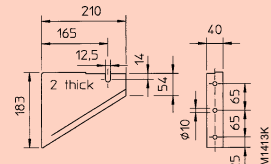
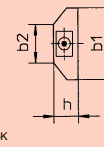
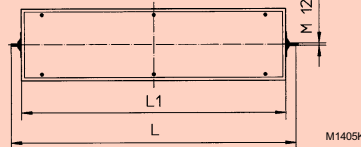
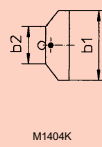
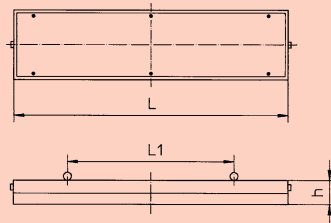


Z3023P

Version
Class

4-lamp
A 40

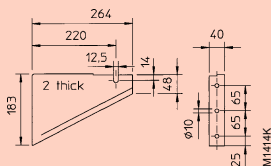
Dimensions (in mm)



Wall-mounting bracket for fluorescent light fitting 6014/6 and 6414/6 narrow version

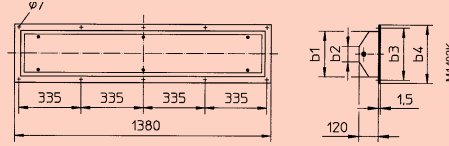
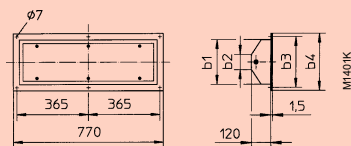
Type	Dimensions (in mm)				
	L	L1	h	b1	b2
1 x 18 W	730	550	120	280	206
2 x 18 W	730	550	120	280	206
3 x 18 W	730	550	120	380	246
4 x 18 W	730	550	120	380	246
1 x 36 W	1340	950	120	280	206
2 x 36 W	1340	950	120	280	206
3 x 36 W	1340	950	120	380	246
4 x 36 W	1340	950	120	380	246
1 x 58 W	1640	1250	120	280	206
2 x 58 W	1640	1250	120	280	206
3 x 58 W	1640	1250	120	380	246
4 x 58 W	1640	1250	120	380	246

Type	Dimensions (in mm)				
	L	L1	h	b1	b2
1 x 18 W	830	730	120	280	85
2 x 18 W	830	730	120	280	85
3 x 18 W	830	730	120	380	185
4 x 18 W	830	730	120	380	185
1 x 36 W	1440	1340	120	280	85
2 x 36 W	1440	1340	120	280	85
3 x 36 W	1440	1340	120	380	185
4 x 36 W	1440	1340	120	380	185
1 x 58 W	1740	1640	120	280	85
2 x 58 W	1740	1640	120	280	85
3 x 58 W	1740	1640	120	380	185
4 x 58 W	1740	1640	120	380	185

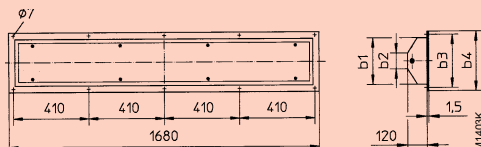


Wall-mounting bracket for fluorescent light fitting 6014/6 and 6414/6 wide version

Pendant light fittings 6014/5 and 6414/5



Type	Dimensions (in mm)			
	b1	b2	b3	b4
1 x 18 W	280	206	305	320
2 x 18 W	280	206	305	320
3 x 18 W	380	246	405	420
4 x 18 W	380	246	405	420



Type	Dimensions (in mm)			
	b1	b2	b3	b4
1 x 36 W	280	206	305	320
2 x 36 W	280	206	305	320
3 x 36 W	380	246	405	420
4 x 36 W	380	246	405	420

Flush-mounting light fitting 6014/7 and 6414/7

Type	Dimensions (in mm)			
	b1	b2	b3	b4
1 x 56 W	280	206	305	320
2 x 56 W	280	206	305	320
3 x 56 W	380	246	405	420
4 x 56 W	380	246	405	420

Accessories and spare parts

Designation	Illustration	Description	Ordering code	Weight [kg]
Fluorescent tube		two-pin G13 Ø 26 mm 18 W 36 W 58 W	461 722 0 461 721 0 461 720 0	0,10 0,20 0,25
Ring bolts M8		1 pair	60 008 03 90 0	0,11
Wall-mounting bracket		1 pair for width 280 mm 380 mm	461 718 0 461 719 0	0,90 1,20

