

# Electrical Equipment for Explosive Atmospheres Certificate of Type Verification

<b>Applicant</b>	Wan Jiun Technology Co., Ltd.																				
<b>Applicant address</b>	11F., No.896, Jingguo Rd. Luzhu Dist., Taoyuan City Taiwan	TEL	+886-3-3161585																		
<b>Manufacturer</b>	R. STAHL Schaltgeräte GmbH																				
<b>Manufacturer address</b>	Am Bahnhof 30 74638 Waldenburg Germany	TEL	+49(0)7942/ 943-4162																		
<b>Name of product Type</b>	LED Linear Luminaire 6002 Series																				
<b>Ex marking</b>	Ex db eb IIC T4 Gb (Type 6002/2.) Ex db eb ib mb IIC T4 Gb (Type 6002/4. with Ex-i module 6047) Ex tb IIIC T100 °C Db																				
<b>Certificate No.</b>	(ITRI)2022 07-00136X																				
<b>Date of first issue</b>	July 19, 2022																				
<b>Date of Renewal</b>																					
<b>Valid period</b>	July 19, 2022 to July 18, 2024																				
<b>Standards:</b>	IEC 60079-0 : 2017 ; IEC 60079-1 : 2014 ; IEC 60079-7 : 2017 ; IEC 60079-11 : 2011 ; IEC 60079-18 : 2017 ; IEC 60079-31 : 2013																				
<b>Ratings:</b>	110 ~ 240 Vac(50/60 Hz), 110 ~ 250 Vdc, IP66																				
<b>Ambient temperature:</b>	-40 °C~+60 °C (with through-wiring 3 × 10 A and not for variant with green mid-power LEDs)																				
<b>Main components:</b>	Enclosure, LED module, driver, terminal.																				
<b>Type variants:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Type</th> <th>6002 / 2abc – defg - hijk - l</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>Size 1 : 700 mm 2 : 1310 mm</td> </tr> <tr> <td>b</td> <td>Light distribution 4 : without diffusor 8 : with diffusor</td> </tr> <tr> <td>c</td> <td>Nominal system power 2 : 28 W 4 : 52 W</td> </tr> <tr> <td>d</td> <td>Through wiring 5 : DV5(2.5 mm<sup>2</sup>)</td> </tr> <tr> <td>e</td> <td>Control gear 4 : 6045/111-11.-10</td> </tr> <tr> <td>f</td> <td>Control interface 0 : without</td> </tr> <tr> <td>g</td> <td>Internal disconnect switch 0 : without 1 : with</td> </tr> <tr> <td>h</td> <td>Terminal block 5 : WAGO 862-5 Pole(4 mm<sup>2</sup>)</td> </tr> </tbody> </table>			Type	6002 / 2abc – defg - hijk - l	a	Size 1 : 700 mm 2 : 1310 mm	b	Light distribution 4 : without diffusor 8 : with diffusor	c	Nominal system power 2 : 28 W 4 : 52 W	d	Through wiring 5 : DV5(2.5 mm <sup>2</sup> )	e	Control gear 4 : 6045/111-11.-10	f	Control interface 0 : without	g	Internal disconnect switch 0 : without 1 : with	h	Terminal block 5 : WAGO 862-5 Pole(4 mm <sup>2</sup> )
Type	6002 / 2abc – defg - hijk - l																				
a	Size 1 : 700 mm 2 : 1310 mm																				
b	Light distribution 4 : without diffusor 8 : with diffusor																				
c	Nominal system power 2 : 28 W 4 : 52 W																				
d	Through wiring 5 : DV5(2.5 mm <sup>2</sup> )																				
e	Control gear 4 : 6045/111-11.-10																				
f	Control interface 0 : without																				
g	Internal disconnect switch 0 : without 1 : with																				
h	Terminal block 5 : WAGO 862-5 Pole(4 mm <sup>2</sup> )																				

Certificate issued by

**Industrial Technology Research Institute**  
195 Sec. 4, Chung Hsing Rd., Chutung, Hsinchu, 310401, Taiwan





# Electrical Equipment for Explosive Atmospheres

## Certificate of Type Verification

Certificate No.: (ITRI)2022 07-00136X

<b>Applicant</b>	Wan Jiun Technology Co., Ltd.		
	<b>Type</b>	6002 / 2abc - defg - hijk - l	
	i	Size of hole 1 : M25	
	j	Number of holes 3 : 3 holes(hole position 1, 2 and 3)	
	k	Insert plate 1 : put-in plate plastics (only M25, default with 2 × STV and 2 × VST)	
	l	Color temperature 0 : 5000 K CRI ≥ 80	
	<b>Type</b>	6002 / 4abc - defg - hi j - klmn-op- qrs-t	
	a	Approval 1 : IEC	
	b	Size 2 : size 2 4 : size 4	
	c	Light distribution 8 : with diffusor (120°)	
	de	Control gear 01 : 6045/211-12-10	
	f	Control interface 0 : without 1 : with DALI	
	g	Switch 0 : without switch 1 : with switch	
	h	Terminal block 1 : Phonix	
	i	Terminal poles 3 : 3 pole 5 : 5 pole	
	j	Through wiring 2 : 2.5 mm <sup>2</sup>	
	klmn	Hole position 0 : without hole 1 : hole open M25	
	op	Insert plate 1 : put-in support plate plastics (only M25) 2 : insert plate stainless steel SS430	
	qrs	Light color 850 : 5000 K CRI 80 857 : 5700 K CRI 80	
	t	Pictogram 0 : without	
<p>Specific conditions of use: The assessment for cable entry devices is not included. For safe use, certified cable entry devices with proper type of protections shall be correctly fitted to maintain the integrity of specified protections; Potential electrostatic charging hazard- Clean the enclosure only with a damp cloth.</p>			

Certificate issued by

**Industrial Technology Research Institute**  
195 Sec. 4, Chung Hsing Rd., Chungung, Hsinchu, 310401, Taiwan





# Electrical Equipment for Explosive Atmospheres

## Certificate of Type Verification

Certificate No.: (ITRI)2022 07-00136X

Applicant	Wan Jiun Technology Co., Ltd.
Approval reference:	The assessment of the above equipment is based on the review of IECEx Certificate of Conformity (IECEx IBE 14.0035 Issue No: 7) issued by IBExU Institut für Sicherheitstechnik GmbH (IBExU), Germany and the associate test reports (DE/IBE/ExTR13.0058/00, DE/IBE/ExTR13.0058/01, DE/IBE/ExTR13.0058/02, DE/IBE/ExTR13.0058/03, DE/IBE/ExTR13.0058/04, DE/IBE/ExTR13.0058/05, DE/IBE/ExTR13.0058/06, DE/IBE/ExTR13.0058/07).
Certificate history:	Issue 1 (B202200274) (2022-07-19)

Certificate issued by

**Industrial Technology Research Institute**

195 Sec. 4, Chung Hsing Rd., Chutung, Hsinchu, 310401, Taiwan

