

PHILIPS

CoreLine Recessed  
RC136B

Scan me!

DOWNLOAD

i+

RC136B W30L120

Safety cable

1500 x 1 mm

2x

1x

Scan me!

DOWNLOAD

Service tag

indoor

50Hz  
60Hz

220V  
240V

LIFE  
L90  
50k hrs

LIFE  
L80  
100k hrs

IP20  
IP44

IK03

Max.  
40 °C  
Min.  
-10 °C

|                                        | Power (W)   | Lumen output (lm) | Efficacy (lm/W) | Energy efficacy class | CCT (K) | UGR | Class | kg  |
|----------------------------------------|-------------|-------------------|-----------------|-----------------------|---------|-----|-------|-----|
| RC136B G4 34_43_57S/830 PSD W30L120 OC | 23*/29/38.5 | 3400*/4300/5700   | 148*/148/148    | C                     | 3000    | 19  | II    | 3.0 |
| RC136B G4 34_43_57S/830 PSD W60L60 OC  | 23*/29/38.5 | 3400*/4300/5700   | 148*/148/148    | C                     | 3000    | 19  | II    | 3.1 |
| RC136B G4 36_45_60S/840 PSD W30L120 OC | 23*/29/38.5 | 3600*/4500/6000   | 157*/155/156    | C                     | 4000    | 19  | II    | 3.0 |
| RC136B G4 36_45_60S/840 PSD W60L60 OC  | 23*/29/38.5 | 3600*/4500/6000   | 157*/155/156    | C                     | 4000    | 19  | II    | 3.1 |
| RC136B G4 36_45_60S/840 PSU W60L60 NOC | 23*/29/38.5 | 3600*/4500/6000   | 157*/155/156    | C                     | 4000    | 25  | II    | 3.1 |
| RC136B G4 36_45_60S/840 PSU W60L60 OC  | 23*/29/38.5 | 3600*/4500/6000   | 157*/155/156    | C                     | 4000    | 19  | II    | 3.1 |
| RC136B G4 40S/830 WIA W60L60 OC        | 27.5        | 4000              | 145             | C                     | 3000    | 19  | II    | 3.1 |
| RC136B G4 43S/840 WIA W30L120 OC       | 27.5        | 4300              | 156             | C                     | 4000    | 19  | II    | 3.0 |
| RC136B G4 43S/840 WIA W60L60 OC        | 27.5        | 4300              | 156             | C                     | 4000    | 19  | II    | 3.1 |

\* Default setting

A(mm) B(mm) C(mm) D(mm)

IP44

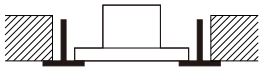
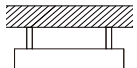
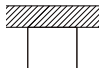
A(mm) B(mm) C(mm) D(mm)

IP44

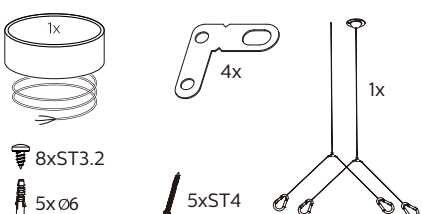
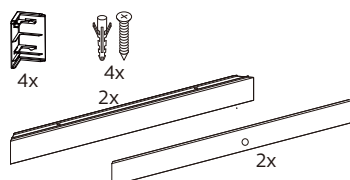
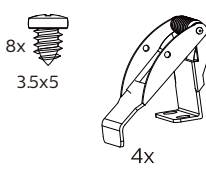
|                | A(mm) | B(mm) | C(mm) | D(mm) |
|----------------|-------|-------|-------|-------|
| RC136B W60L60  | 38.5  | 595   | 595   | 12    |
| RC136B W30L120 | 38.5  | 1195  | 295   | 12    |

W60L60

W30L120

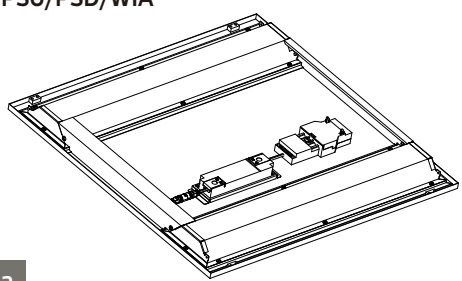
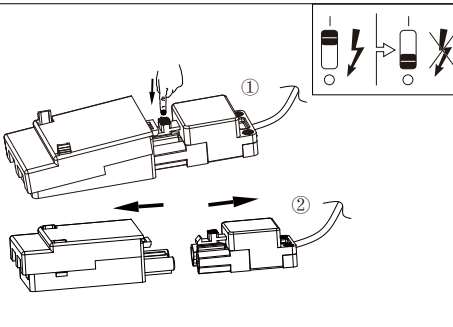
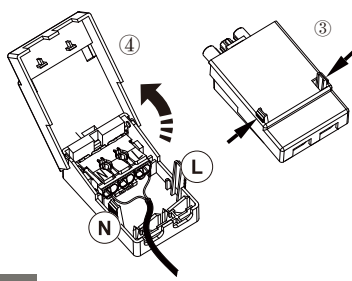
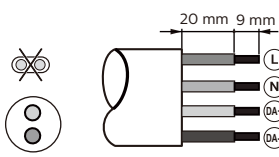
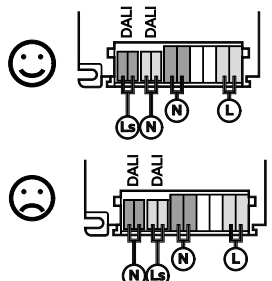
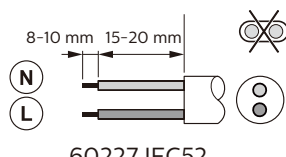
|                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| VPC visible profile ceiling                                                       | SP suspended                                                                      | SM surface mounted                                                                 | PCV plaster ceiling                                                                 |

Available as accessory (Need to purchase separately)

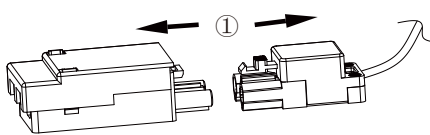
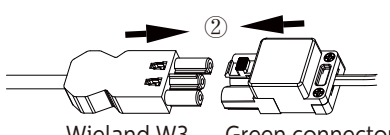
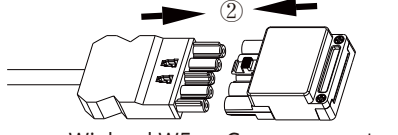
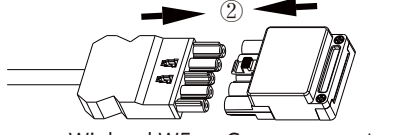
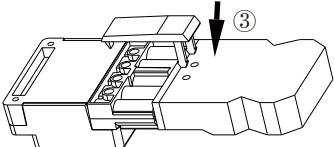
|                                                                                                                                                                                                                 |                                                                                                                                                                                              |                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suspension set:</b><br>911401809387<br>RC159Z Suspension set SME-4 WH<br>911401809487<br>RC159Z Suspension set SME-3 WH<br> | <b>Surface mounted set:</b><br>911401807787<br>RC159Z SMB W60L60<br>911401807987<br>RC159Z SMB W30L120<br> | <b>Plaster ceiling set:</b><br>911401809287<br>RC159Z Plaster Ceiling<br>SMB-PLC<br> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## Quick-connectors

|                                                                                                                                                                                                                              |                                                                                                                   |                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PSU/PSD/WIA</b><br> <p>1a</p>                                                                                                           |  <p>1b</p>                     |  <p>1c</p>                                                                                                                                 |
|  <p>60227 IEC52<br/>4 x 0.75-1.5 mm<sup>2</sup><br/>Ø 6-9 mm</p> <p>basic insulation between LV(Lower Voltage) and control conductors</p> | <b>PSD Touch &amp; Dim</b><br> |  <p>60227 IEC52<br/>2 x 0.75-1.5 mm<sup>2</sup><br/>Ø 6-9 mm</p> <p>basic insulation between LV(Lower Voltage) and control conductors</p> |

Compatible with Wieland W3, W5 connector:

|                                                                                                                                                               |                                                                                                             |                                                                                                         |                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  <p>Wieland W3</p>                                                         |  <p>Green connector</p> |  <p>Wieland W5</p> |  <p>Green connector</p> |
|  <p>Locking device, order separately<br/>05.587.3156.1 Lock (G)ST18 SW</p> |                                                                                                             |                                                                                                         |                                                                                                              |



The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEEE electrical regulations or the national requirements.

## Lumen Selection on driver



PSU

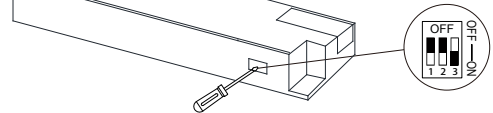
DIP Switch

Lumen selectable  
Low Medium High

| Pin    | 3000K CCT (lumen) | 4000K CCT (lumen) | Power  |
|--------|-------------------|-------------------|--------|
| Low    | 3400 lm*          | 3600 lm*          | 23 W*  |
| Medium | 4300 lm           | 4500 lm           | 29 W   |
| High   | 5700 lm           | 6000 lm           | 38.5 W |

\* Default setting

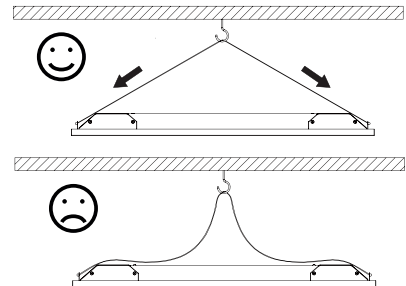
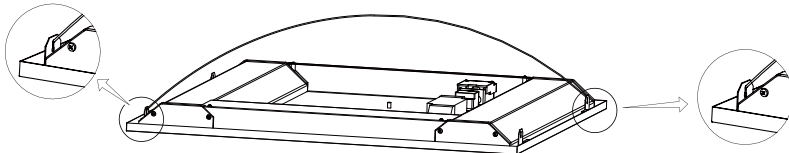
PSD



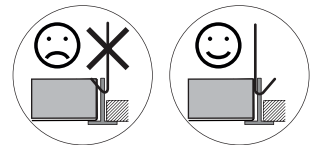
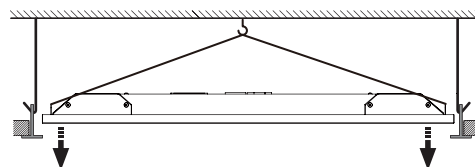
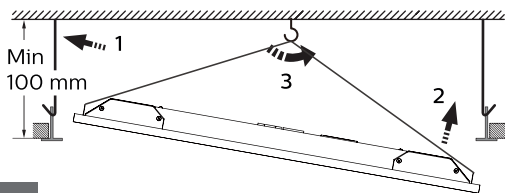
| Pin1 | Pin2 | Pin3 | 3000K CCT (lumen) | 4000K CCT (lumen) | Power  |
|------|------|------|-------------------|-------------------|--------|
| OFF  | OFF  | ON   | 3400 lm*          | 3600 lm*          | 23 W*  |
| OFF  | ON   | ON   | 4300 lm           | 4500 lm           | 29 W   |
| ON   | OFF  | OFF  | 5700 lm           | 6000 lm           | 38.5 W |



## Safety cable



## VPC (Visible Profile Ceiling)



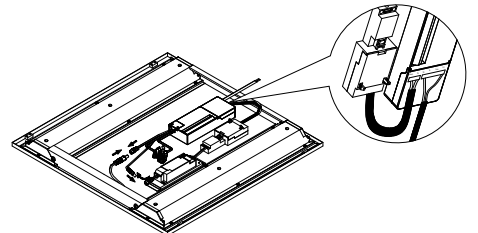
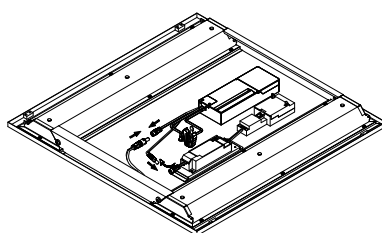
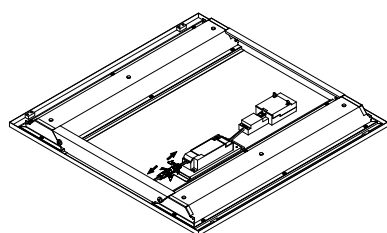
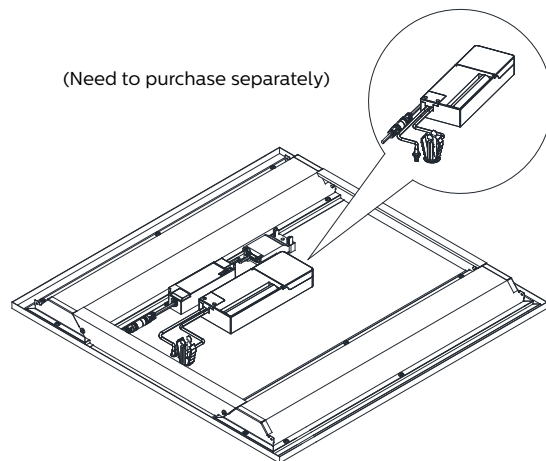
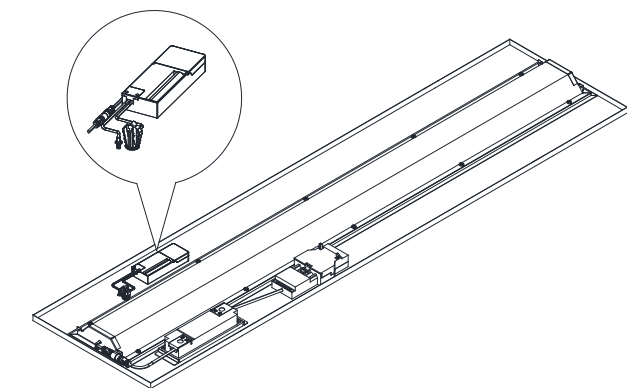
The luminaire shall not be covered with thermal insulation or similar material under any circumstance.



## Emergency Lighting (EL) Kit

Optional with  
912401483602  
EM300V ELB\_ELP3 kit LV 3.6V 4900mAh LIB

(Need to purchase separately)



1

2

3

# Optional

## 12NC

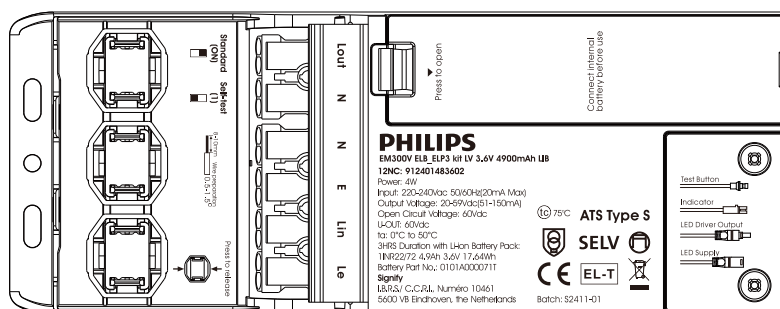
912401483602

## Description

EM300V ELB\_ELP3 kit LV 3.6V 4900mAh LIB

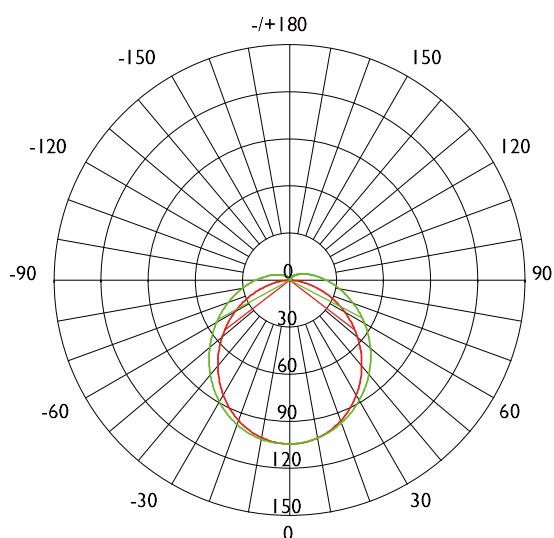
Emergency pack is not provided.

1x



Products compatible with emergency lighting functionality.

| 12NC         | Description                            | EOC             | SKU       |
|--------------|----------------------------------------|-----------------|-----------|
| 911401840687 | RC136B G4 34_43_57S/830 PSD W30L120 OC | 872016976411899 | 108403763 |
| 911401840787 | RC136B G4 34_43_57S/830 PSD W60L60 OC  | 872016976412599 | 108403764 |
| 911401840887 | RC136B G4 36_45_60S/840 PSD W30L120 OC | 872016976413299 | 108403765 |
| 911401840987 | RC136B G4 36_45_60S/840 PSD W60L60 OC  | 872016976414999 | 108403766 |
| 911401841087 | RC136B G4 36_45_60S/840 PSU W60L60 NOC | 872016976415699 | 108403767 |
| 911401841187 | RC136B G4 36_45_60S/840 PSU W60L60 OC  | 872016976416399 | 108403768 |
| 911401841287 | RC136B G4 40S/830 WIA W60L60 OC        | 872016976417099 | 108403769 |
| 911401841387 | RC136B G4 43S/840 WIA W30L120 OC       | 872016976418799 | 108403770 |
| 911401841487 | RC136B G4 43S/840 WIA W60L60 OC        | 872016976419499 | 108403771 |

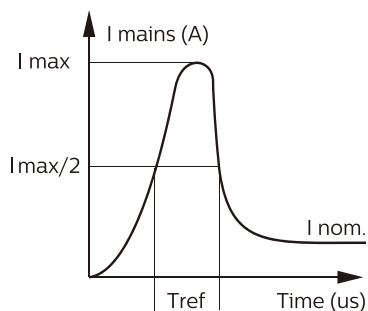


Rated lumen output in emergency mode: min 300lm

Can be assembled in the luminaires in table 1.  
After installing emergency pack, customers shall ensure that the emergency light comply with IEC60598-2-22. and maximum ambiet temperature shall be less than 30C.



## Inrush current



|                            | PSU                   |      |        | PSD  |      |        | WIA    |
|----------------------------|-----------------------|------|--------|------|------|--------|--------|
| W60L60                     | 23 W                  | 29 W | 38.5 W | 23 W | 29 W | 38.5 W | 27.5 W |
| W30L120                    | 23 W                  | 29 W | 38.5 W | 23 W | 29 W | 38.5 W | 27.5 W |
| Electrical characteristise |                       |      |        |      |      |        |        |
| I <sub>max</sub> (A)       | 25                    |      |        | 5.33 |      |        | 4.9    |
| T <sub>ref</sub> (us)      | 150                   |      |        | 40   |      |        | 56     |
| MCB                        | No. ofluminaires max. |      |        |      |      |        |        |
| B-10 A                     | 24                    |      |        | 46   |      |        | 15     |
| B-16A                      | 38                    |      |        | 73   |      |        | 24     |
| C-10 A                     | 40                    |      |        | 46   |      |        | 25     |
| C-16A                      | 64                    |      |        | 73   |      |        | 40     |



- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEEE electrical regulations or the national requirements.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- Luminaires not suitable for covering with thermally insulating material.
- Luminaire must not be used or stored in corrosive environment where hazardous materials such as Sulphur, Chlorine, Phthalates, etc, are present.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



ATTENTION  
OBSERVE PRECAUTIONS  
FOR HANDLING  
ELECTROSTATIC  
SENSITIVE  
DEVICES

