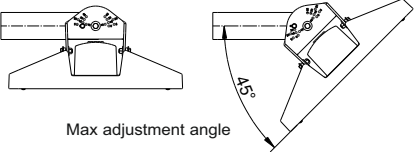


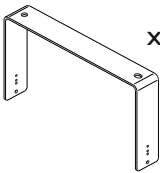
BY47IZ MBW


3,8 kg



Max adjustment angle

MBW set content

x1

x2

M8

x6

M5

x2

x12



x4

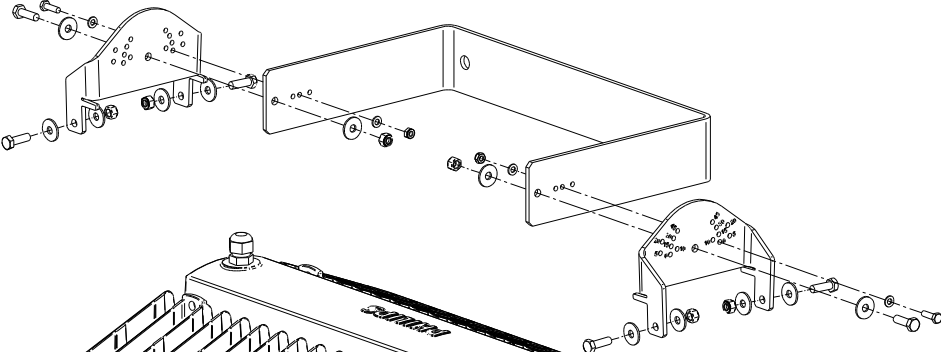
x6


x2

MANUAL INSTRUCTION


x1








13




10



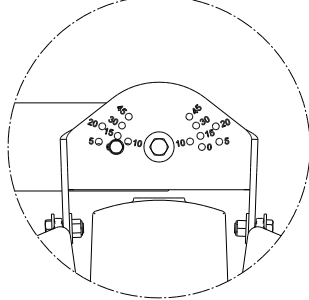
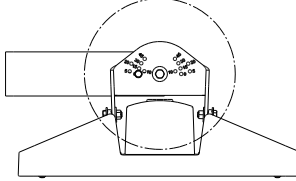

30Nm tightening torque for all Mounting Bracket screws (6 x M8)


4Nm tightening torque for blocking screws to stabilize the position (2 x M5)



In luminaire version for swimming pool applications (SWP):

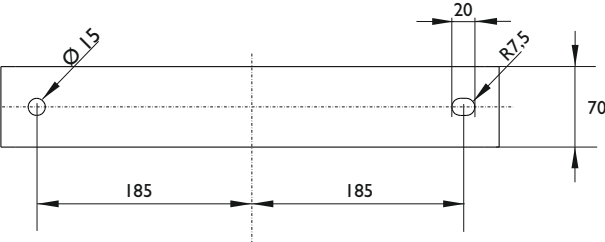
- Fixture mounting system (including fasteners) needs to be complied with EN 13451-1 or MIS 1203
- Mounting system and product shall be a subject of periodical inspection at least every 3 years. Any rusted element, needs to be replaced.





432

252



20

R7,5

70

185

185

Ø 15

4

PSED version (Emergency Lighting)

	AC Lumen output	AC power [W]	DC Lumen output	DC power [W]
BY470P 130S	13000	87	2000	14
BY471P 170S	17000	110	2600	20
BY471P 250S	25000	163	3800	28

For emergency lighting is required DC power connection (220-240V DC)

In case of light source work out of specification or damage it should be replaced.  
The light source can be exchanged only by qualified personnel.

Philips GentleSpace


Mounting instructions

Instructions de montage  
Montageanleitung  
Montage instructie  
Instruzioni di montaggio

Instrucciones de montaje  
Instruções de montagem  
Monteringsinstruktioner  
Monteringsvejledning

Kokoonpano- ja kiinnitysohjeet  
Montaj yönergesi  
Οδηγίες συναμολογησης  
Instrukcja montazu


Szerelési utasítások  
Návod k montáži  
Инструкция по монтажу  
Návod k montáži




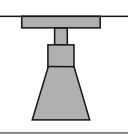
LEDs

~220 V...240V

50 Hz/60 Hz







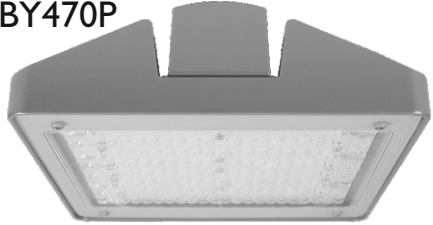
Inrush current

4.8A / 2300µs

IP65

	LEDs	W	kg	IK 07	max	min		VDE 30 BALL PROOF*	Maximum number of luminaire on MCB 16A type B	Green Warehouse	Number of Drivers
BY470P GRN130S	176	87	9,3	●	45°C	-30°C	25cm	●	12		1
BY471P GRN170S	264	110	15,2	●	45°C	-30°C	25cm	●	12		1
BY471P GRN250S	352	163	15,6	●	45°C	-30°C	25cm	●	6		2
BY471P PRO170S XT	288	135	15,4	●	60°C	-30°C	25cm	●	12		1
BY471P PRO250S XT	384	195	15,9	●	60°C	-30°C	25cm	●	6		2
BY470X GRN130S	176	89	9,8	●	45°C	-20°C	25cm	●	12	●	1
BY471X GRN170S	264	112	15,7	●	45°C	-20°C	25cm	●	12	●	1
BY471X GRN250S	352	167	16,1	●	45°C	-20°C	25cm	●	6	●	2
BY470P GRN130S BR	176	87	11,1	●	45°C	-30°C	25cm	●	12		1
BY471P GRN170S BR	264	110	17,0	●	45°C	-30°C	25cm	●	12		1
BY471P GRN250S BR	352	163	17,4	●	45°C	-30°C	25cm	●	6		2
BY470X GRN130S BR	176	89	11,6	●	45°C	-20°C	25cm	●	12	●	1
BY471X GRN170S BR	264	112	17,5	●	45°C	-20°C	25cm	●	12	●	1
BY471X GRN250S BR	352	167	17,9	●	45°C	-20°C	25cm	●	6	●	2
BY471P GRN170S MBW	264	110	19,5	●	45°C	-30°C	25cm	●	12		1
BY471P GRN250S MBW	352	163	19,9	●	45°C	-30°C	25cm	●	6		2
BY470P ECO170S	176	112	9,3	●	45°C	-30°C	25cm	●	12		1
BY471P ECO250S	264	171	15,2	●	45°C	-30°C	25cm	●	6		2
BY471P ECO320S	352	214	15,6	●	45°C	-30°C	25cm	●	6		2
BY470P ECO170S BR	176	112	11,1	●	45°C	-30°C	25cm	●	12		1
BY471P ECO250S BR	264	171	17,0	●	45°C	-30°C	25cm	●	6		2
BY471P ECO320S BR	352	214	17,4	●	45°C	-30°C	25cm	●	6		2
BY471P ECO250S MBW	264	171	19,5	●	45°C	-30°C	25cm	●	6		2
BY471P ECO320S MBW	352	214	19,9	●	45°C	-30°C	25cm	●	6		2

BY470P

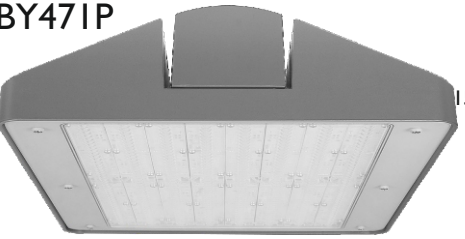


450

130

350


BY471P



600

150

450



Disconnect before servicing  
Mettre hors tension avant intervention  
Offnen nur spannungsfrei  
The light source contained in this luminaire shall only be replaced by the manufactured or his service or a similar qualified person. Driver insulation: Basic according to IEC 61347-1.

Demontieren voor onderhoud  
Togliere tensione prima di fare manutenzione  
Desconectar antes de manipular

Bryt strömmen före lampbyte

# 1

**1**

Press button on Express fastener to release

**2**

Slide Express fastener up or down on cable to adjust height or release

**3**

**SPORT APP**  
\*VDE BALL PROOF

For sports halls applications its required to use special Gripple mounting set No.3 (BY470Z SMT-HD supplied as accesories), with different than express fastener system.

**4**

min 75 mm

**STANDARD APP**

**5**

**6**

max60°  
Prefer 90°

Distance between the hooks	
A [mm]	
350	BY470P
495	BY471P

**7**

Make sure the load is supported

**Important:** Suspension not dedicated for Swimming Pool Protection (SWP)

# 2

BY470P / BY471P

BY470X / BY471X

**1**

Tightening torque  
4+1 Nm

**2**

**3**

**4**

**5**

**1**

8 45 6<Ø<12

**2**

8 45 6<Ø<12

**BY470Z MBA**

**BY471Z MBA**

**1,8 kg**

**SWP version**  
The angle of the luminaire position cannot be adjusted after fixation to avoid scratches on painted surface

**MBA set content**

x1

x2

x12

x6

x6

x1

**BY470P**

**BY471P**

**16Nm**  
tightening torque  
for all Mounting Bracket screws  
in standard applications  
\* **30Nm**  
tightening torque  
for all Mounting Bracket screws  
in sports hall applications  
VDE BALL PROOF

max45° 30° 15° 0° 15° 30° max45°

In luminaire version for swimming pool applications (SWP):

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- Mounting system and product shall be a subject of periodical inspection at least every 3 years. Any rusted element, needs to be replaced.

432 228

40 115,5 72 38,5 24 10 15 10 10

# 3

Aisle orientation for High Rack Optic (HRO)

for Asymmetrical Optic (A50)

Before luminaire installation please check asymmetrical orientation marked on lens plates