

BERGER-N-LED

Technické podmínky montáže svítidel CZ

25.4.2024/ rev.3
www.vyrtych.cz

BERGER-N-LED-2, 21 FTZU 22 ATEX 0107X

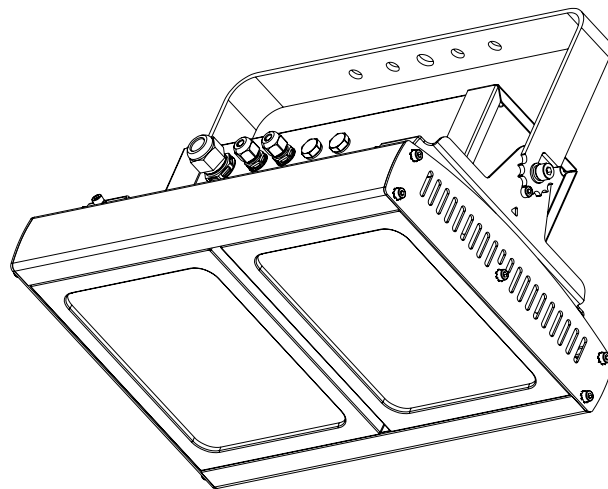
Ex II 3G Ex nR IIC T6...T5 Gc
Ex II 2D Ex tb op is IIIC T85°C Db

IECEX FTZÚ 24.0004X

Ex nR IIC T6 Gc
Ex nR IIC T5 Gc
Ex tb op is IIIC T85°C Db

BERGER-N-LED-2, 22 FTZU 22 ATEX 0108X

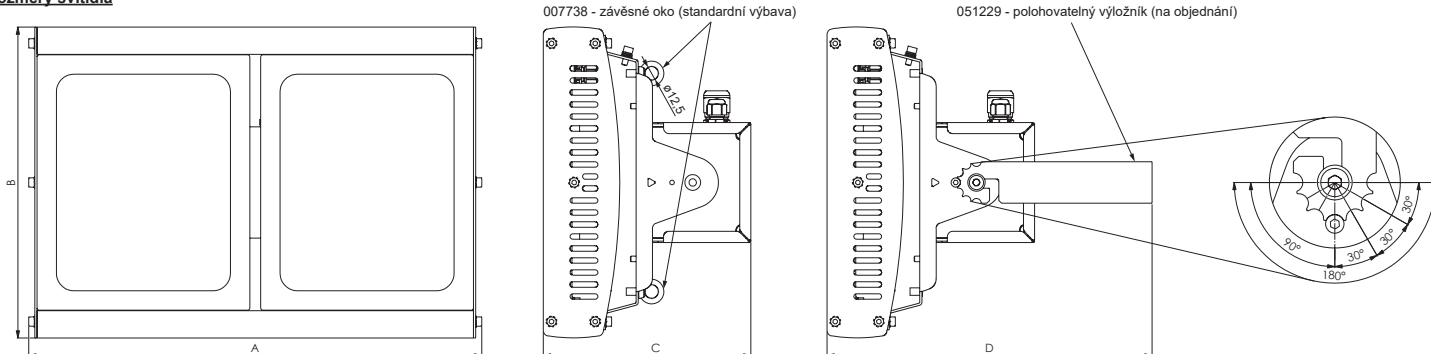
Ex II 3G Ex nR IIC T6...T5 Gc
Ex II 3D Ex tc IIIC T85°C Dc
IP66, třída izolace I



Tato svítidla splňují požadavky nařízení vlády 116/2016 Sb. v platném znění (2014/34/EU).
Mají uplatnění v prostorech s nebezpečím výbuchu dle následující tabulky:

Prostor s nebezpečím výbuchu	Označení vnějších vlivů	Klasifikace prostor	
		Označení	Zřizovací předpis
Nebezpečí výbuchu hořlavých prachů	BE3N1	ZÓNA 22/21	ČSN EN 60079-14 ČSN EN 60079-10-2
Nebezpečí výbuchu hořlavých plynů a par	BE3N2	ZÓNA 2	ČSN EN 60079-14 ČSN EN 60079-10-1

Rozměry svítidla

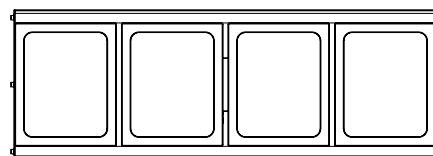
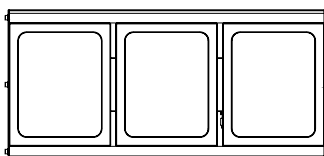
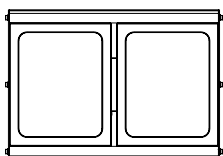
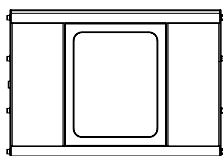


1 x MODUL

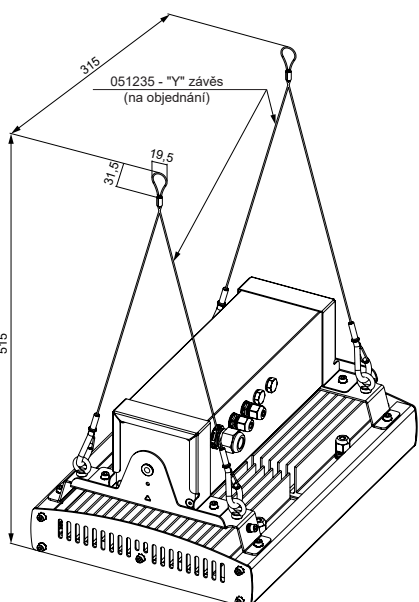
2 x MODUL

3 x MODUL

4 x MODUL

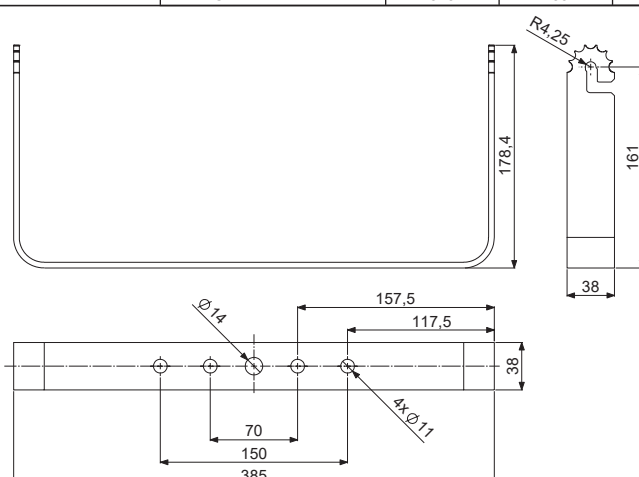


Závěsná montáž

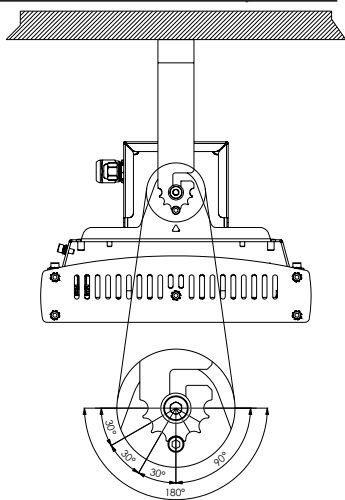


Typ	A(mm)	B(mm)	C(mm)	D(mm)
BERGER-N-LED-1xmodul	415	285	190	298
BERGER-N-LED-2xmodul	415	285	190	298
BERGER-N-LED-3xmodul	620	285	190	298
BERGER-N-LED-4xmodul	825	285	190	298

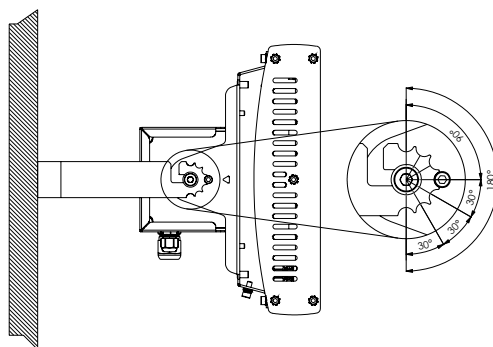
Rozměry výložníku



Stropní montáž: maximální úhel naklonění svítidla



Nástěnná montáž: maximální úhel naklonění svítidla

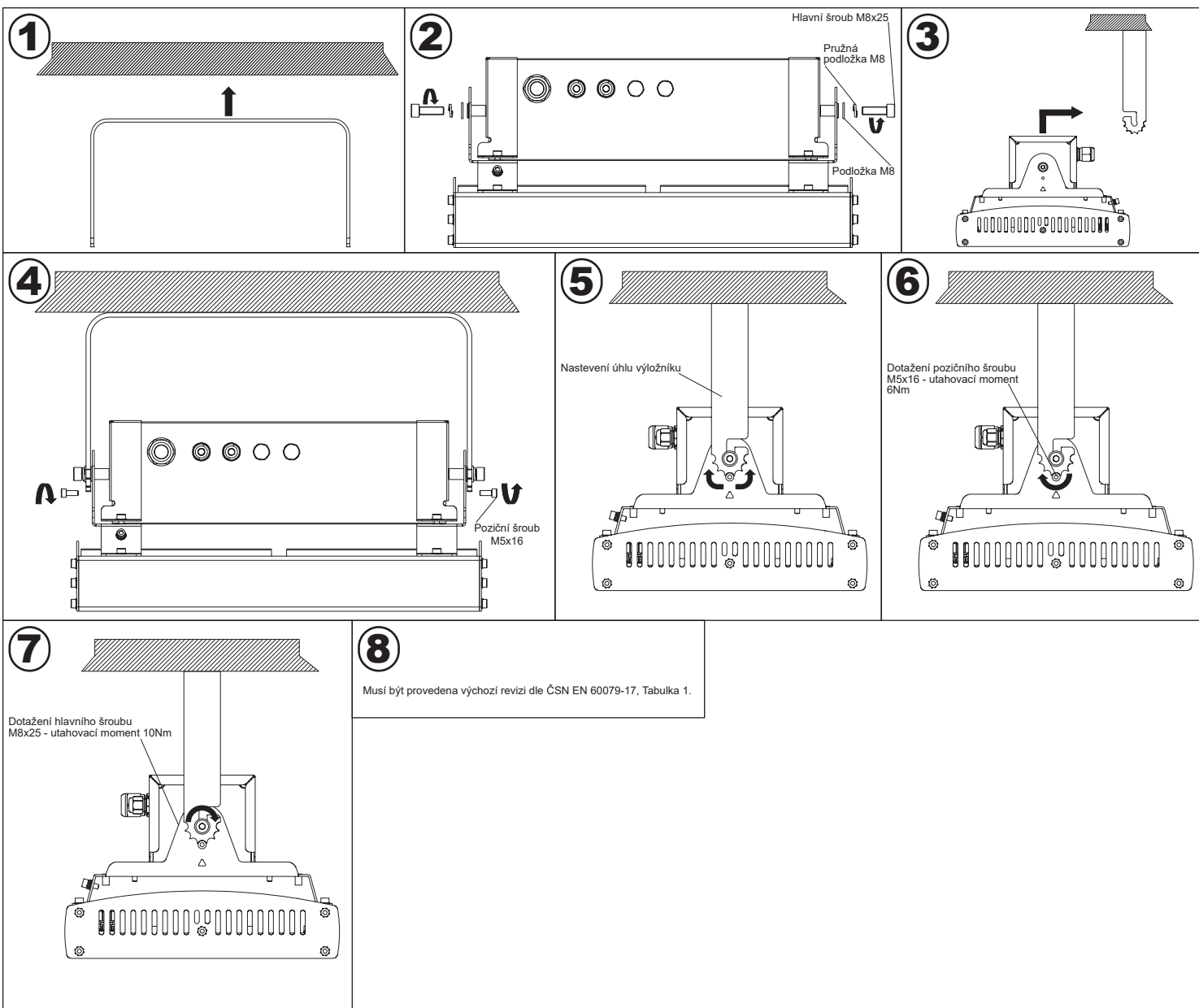


Maximální počet svítidel zapojených na jistič

Maximální zkratový proud jističe nesmí být vyšší než 10kA

Typ svítidla	B10 A	B16 A	C10 A	C16 A
BERGER-N-LED-T50-1xmodul	19	30	31	53
BERGER-N-LED-T50-2xmodul	9	15	15	26
BERGER-N-LED-T50-3xmodul	6	10	10	17
BERGER-N-LED-T40-4xmodul	-	2	-	4
BERGER-N-LED-T60-1xmodul	19	30	31	53
BERGER-N-LED-T60-2xmodul	9	15	15	26
BERGER-N-LED-T60-3xmodul	6	10	10	17
BERGER-N-LED-T60-4xmodul	-	2	-	4
BERGER-N-LED-T70-1xmodul	-	5	-	8
BERGER-N-LED-T70-2xmodul	19	30	31	53
BERGER-N-LED-T70-3xmodul	19	30	31	53
BERGER-N-LED-T70-4xmodul	9	15	15	26
BERGER-N-LED-FROST-1xmodul	-	5	-	8
BERGER-N-LED-FROST-2xmodul	-	3	-	6
BERGER-N-LED-FROST-3xmodul	-	2	-	4
BERGER-N-LED-FROST-4xmodul	-	2	-	4

Postup montáže svítidla s výložníkem



Strana 3/3

BERGER-N-LED

Technical conditions of the luminaires installation

ENG

25.4.2024/ rev.3

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BERGER-N-LED-2, 21

FTZU 22 ATEX 0107X

⊕II 3G Ex nR IIC T6...T5 Gc

⊕II 2D Ex tb op is IIIC T85°C Db

IECEX FTZÚ 24.0004X

Ex nR IIC T6 Gc

Ex nR IIC T5 Gc

Ex tb op is IIIC T85°C Db

BERGER-N-LED-2, 22

FTZU 22 ATEX 0108X

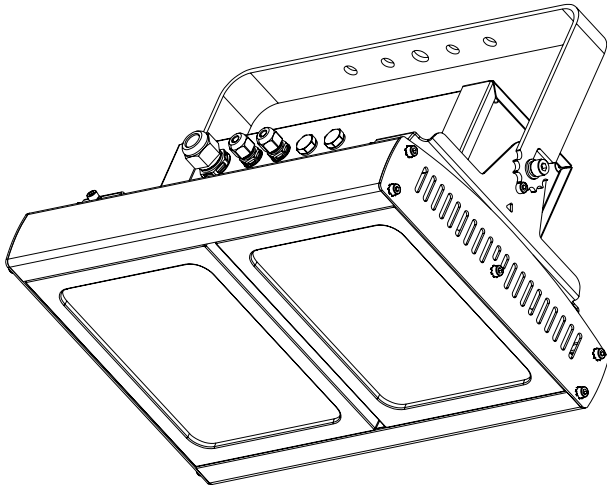
⊕II 3G Ex nR IIC T6...T5 Gc

⊕II 3D Ex tc IIIC T85°C Dc

IP66, class I

The explosion proof light fittings meet the standards according to the EU instructions 2014/34/EU. They can be used in areas with danger of explosion according to the following chart:

Area with danger of explosive	Marking of external influences	Classification of area	
		Marking	Complusory regulation
Danger of explosion of inflammable dust	BE3N1	ZONE 22/21	ČSN EN 60079-14 ČSN EN 60079-10-2
Danger of explosion of inflammable gas and vapors	BE3N2	ZONE 2	ČSN EN 60079-14 ČSN EN 60079-10-1



Dimensions of the luminaire

A

B

C

D

0° 30° 180°

007738 - suspending M5 bracket (standard equipment)

051229 - adjustable bracket (on request)

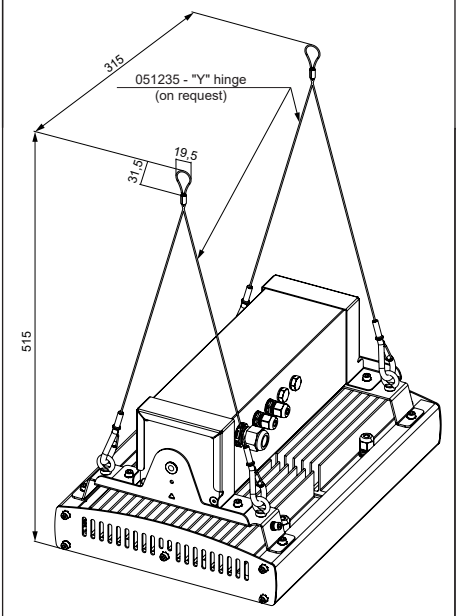
1 x MODULE

2 x MODULE

3 x MODULE

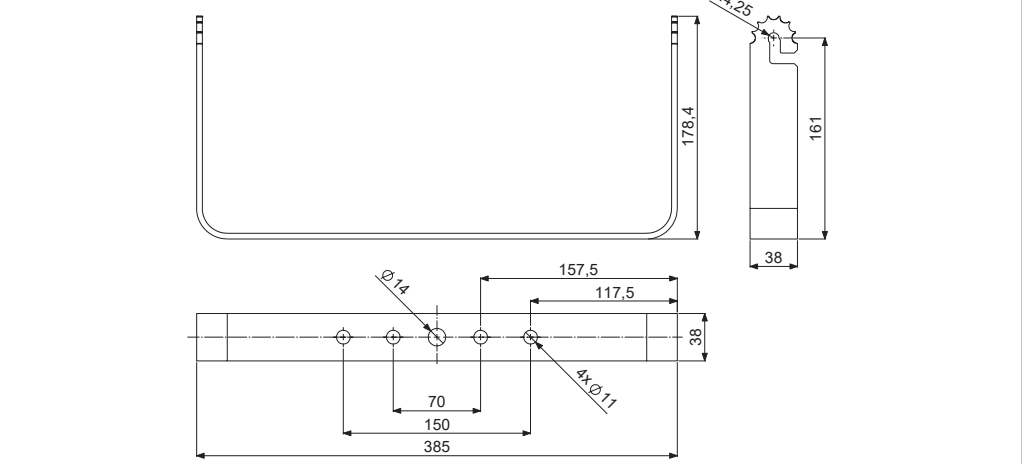
4 x MODULE

Suspended installation

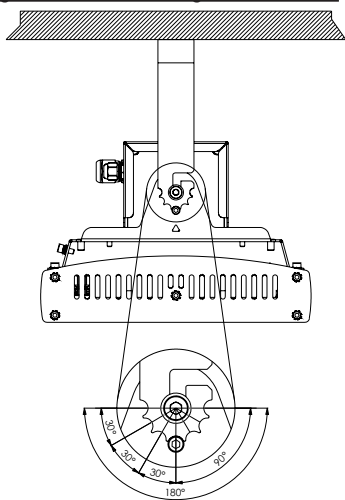


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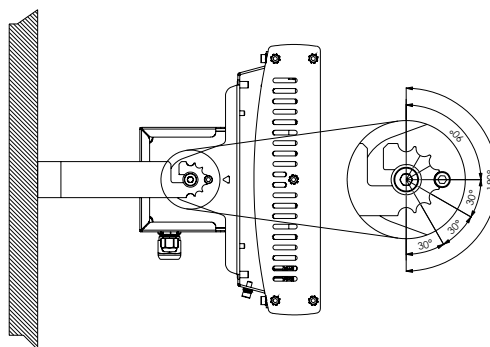
Mounting bracket dimensions



Ceiling installation: max. tilt angle of the luminaire



Wall installation: max. tilt angle of the luminaire

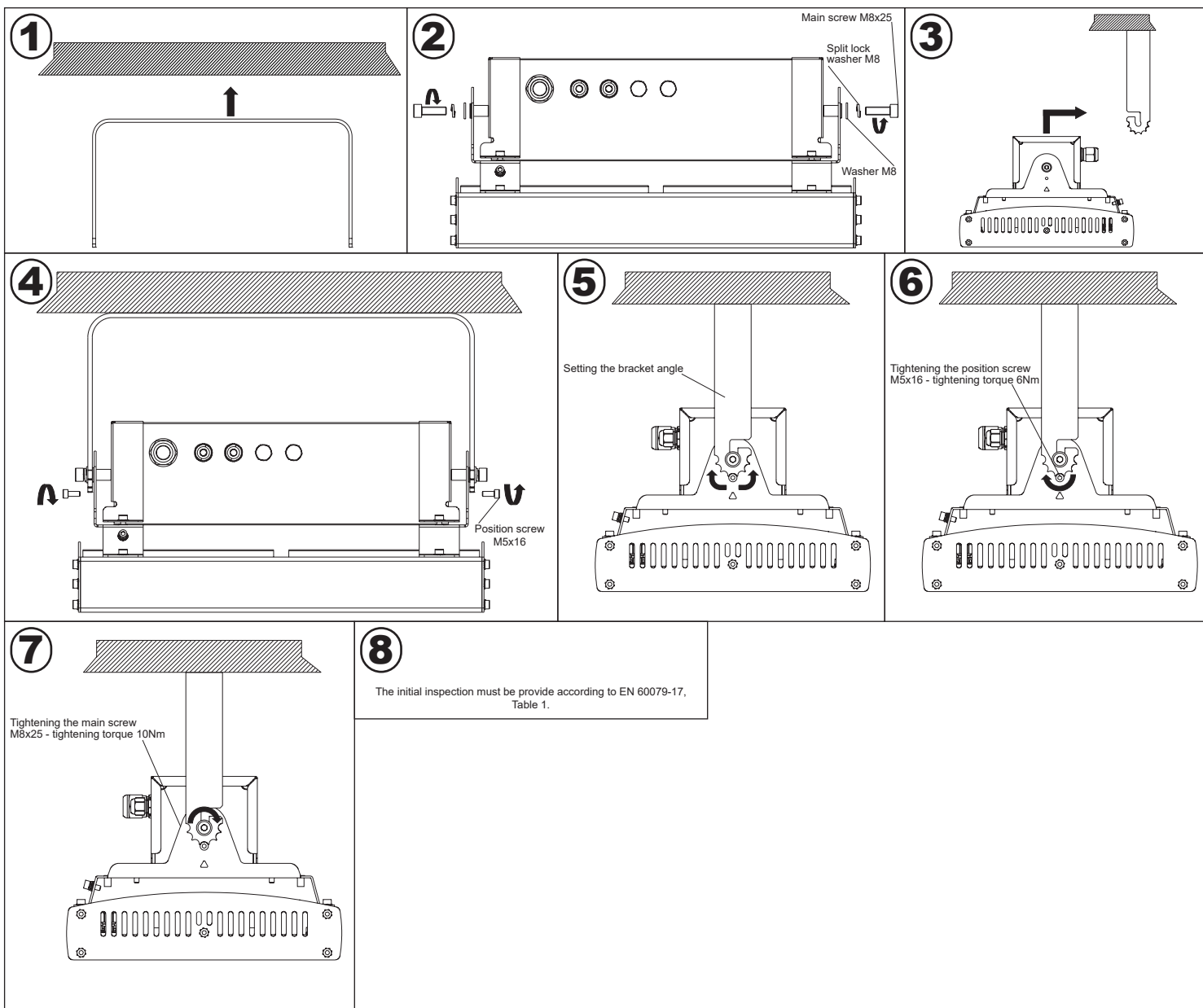


Maximum allowed number luminaires for circuit breaker

Maximal short circuit current must not be higher than 10kA

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BERGER-N-LED-FROST-1xmodule	-	5	-	8
BERGER-N-LED-FROST-2xmodule	-	3	-	6
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BERGER-N-LED-FROST-4xmodule	-	2	-	4

Mounting instructions for luminaire with bracket



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