



FSA-02 18/24/36

Technical Data Sheet

CREATION DATE: 08 August 2016
REV DATE: -

FSA-02 Technical Data Sheet



Key features

- High impact die-cast aluminum body, impact grade IK09
- Tempered glass with 94% light transmittance, IK08
- Modular optical lens design
- Clip-on design makes lamp easy to install, maintain & replace
- Detachable design, easy maintenance
- DC driver, solar power ready (AC driver on request)

Certifications



RoHS

IP66

IK09

Color options



Metallic grey



White



More colors on request



Black



Pearl powder

Light distribution options

The armature can be fitted with several LED module types, depending on the desired light distribution. The light distribution curves for the different LED module types are shown in Table 1.

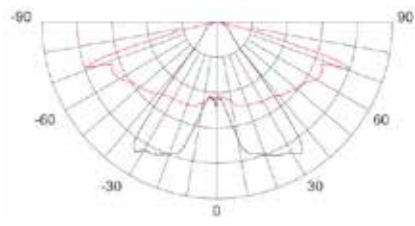
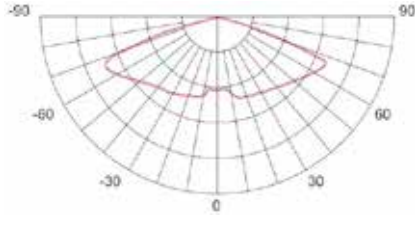
LED module type	Applicability	Light distribution curve
T1-1	Park and square lighting Symmetrical optical design	
T5-1	Park and square lighting Symmetrical optical design	

Table 1: LED module types and their characteristics

Technical specifications

In Table 2, Table 3 and Table 4, the technical specifications for the different available armature models are given.

	FSA-02-18		
Electric Current	350mA	500mA	700mA
LED Quantity	18pcs		
Rated Power	21W	32W	43W
Color Temperature	6500/4000/3000K		
Luminous Flux	2150/1990/1830lm	3410/3160/2900lm	4300/3980/3660lm
Installation Pipe Diameter	76mm		
Installation Height	5-7m		
Input Voltage	10-48 Vdc		
Color Rendering Index	>70		
Operating Temperature	-35-80°C		
Operating Humidity	20-90%		
LED Life Time	70.000h		
Protection Grade	IP66		
Net Weight	11.9kg		
Gross Weight	13.9kg		
Packing Size	545x545x730mm		

Table 2: Technical specifications for FSA-02-18 armature model

FSA-02-24			
Electric Current	350mA	500mA	700mA
LED Quantity	24pcs		
Rated Power	26W	42W	53W
Color Temperature	6500/4000/3000K		
Luminous Flux	2830/2620/2410lm	4500/4160/3830lm	5670/5250/4830lm
Installation Pipe Diameter	76mm		
Installation Height	5-7m		
Input Voltage	10-48 Vdc		
Color Rendering Index	>70		
Operating Temperature	-35-80°C		
Operating Humidity	20-90%		
LED Life Time	70.000h		
Protection Grade	IP66		
Net Weight	11.9kg		
Gross Weight	13.9kg		
Packing Size	545x545x730mm		

Table 3: Technical specifications for FSA-02-24 armature model

FSA-02-36			
Electric Current	350mA	500mA	700mA
LED Quantity	36pcs		
Rated Power	40	59	80
Color Temperature	6500/4000/3000K		
Luminous Flux	3750/3470/3200lm	5950/5510/5070lm	7500/6950/6400lm
Installation Pipe Diameter	76mm		
Installation Height	5-7m		
Input Voltage	10-48 Vdc		
Color Rendering Index	>70		
Operating Temperature	-35-80°C		
Operating Humidity	20-90%		
LED Life Time	70.000h		
Protection Grade	IP66		
Net Weight	11.9kg		
Gross Weight	13.9kg		
Packing Size	545x545x730mm		

Table 4: Technical specifications for FSA-02-36 armature model

FlexSol Solutions B.V.

Postal address
P.O. Box 23
NL- 2600 AA Delft
The Netherlands

Visiting address
Rotterdamseweg 386B26
NL-2629 HG Delft
The Netherlands

Phone +31 202613819
Email info@flexsolsolutions.com
Website www.flexsolsolutions.com

FlexSol
Solutions