

FLC230 LED

667-3420

1/11

FIXTURE TYPE SA

SCHULER SHOOK

PROJECT: ARNOLD BARN



Description

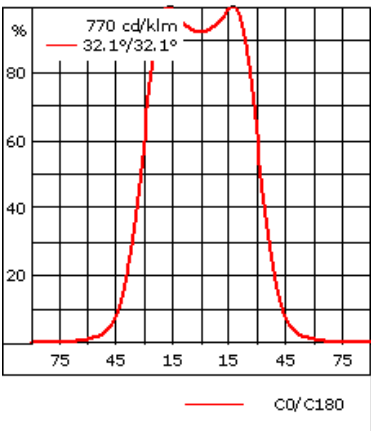
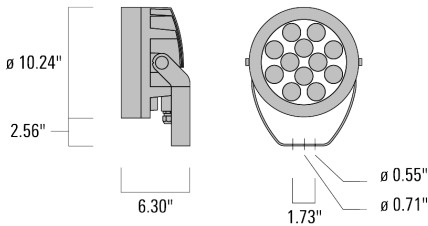
IP66, Class I, IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG_R_ Controlled Compression Gasket. Safety glass lens. One cable gland. Second gland for through wiring on request. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. OLC_R_ One LED Concept. Factory installed LED circuit board. 1-10V, DALI Interface or Eco Step Dim_R_ on request. Maximum one internal optical accessory possible.

Beam Type	symmetric, wide beam [W]
Lamp Type	LED-12/24W / 700 mA - 3000 K
CRI	80
Gear Type	electronic gear
Nominal Luminous Flux (lm)	
LED Lumens	271.4 lm
LEDs	12
Total Lumens	3257 lm
Tj	85 °C
Rated Luminous Flux (lm)	
LED Lumens	224.4 lm
Total Lumens	2692.9 lm
Ta	25 °C
Rated Input Power	28 W

FLC230 LED
667-3420

2/11

FIXTURE TYPE SA
SCHULER SHOOK
PROJECT: ARNOLD BARN



Material Specification

Body:	Marine-grade, die-cast aluminium alloy
Weight (lbs):	16.80
Lens:	Safety glass lens
Gasket:	Silicone CCG® Controlled Compression Gasket
Fasteners:	PCS Polymer Coated Stainless Steel Hardware
Ingress protection:	IP66
Impact protection:	IK07
Corrosion protection:	5CE superior corrosion protection system
Finish:	Powdercoat finish in Black RAL9004, White RAL9016, Grey Metallic RAL9007 or Dark Bronze RAL8019

Electrical Specification

Power supply:	Integral [ECG] electronic driver 120-277V
Power factor:	> 0.9
Ballast:	Integral EC electronic converter in thermally-separated compartment
Cable:	One cable entry, second cable entry on request

Lifetime

LED >60,000 h Ta 25°(L70/B10) Control gear >50,000 h Ta 25°

FLC230 LED

667-3420

3/11

FIXTURE TYPE SA

SCHULER SHOOK

PROJECT: ARNOLD BARN

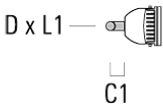


Mounting Accessories

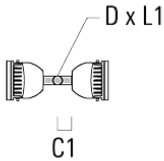
Floodlight mounting bracket TA

Floodlight mounting brackets made from hot dipped galvanized steel. For mounting up to four floodlights. Special executions are available on request, e.g. other spigot fixing dimensions, etc.

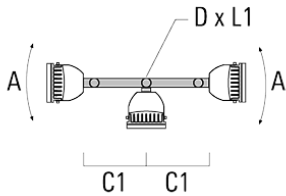
	C1	D x L	L	Weight (lbs)
667-9310 TA1 Mounting bracket, single (Ø 3 x 7.87)	5.12	2.99 x 7.87	2.99	4.19 lbs



	C1	D x L	L	Weight (lbs)
667-9311 TA2 Mounting bracket, double (Ø 4.25 x 7.87)	5.12	2.99 x 7.87	2.99	4.19 lbs



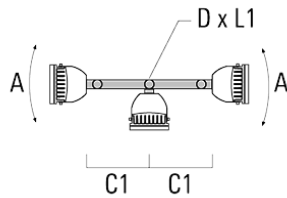
	C1	D x L	L	Weight (lbs)
667-9313 TA3 Mounting bracket, triple (Ø 3.50 x 7.87)	25.59	3.50 x 7.87	3.5	39.46 lbs



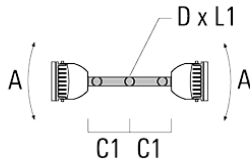
4/11

SCHULER SHOOK
PROJECT: **ARNOLD BARN**

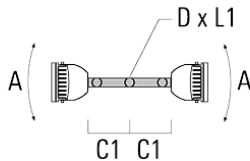
	C1	D x L	Weight (lbs)
■ 667-9318 TA3 Mounting bracket, triple (Ø 4.25 x 7.87)	25.59	4.25 x 7.87	24.20 lbs



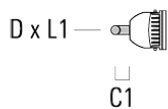
	C1	D x L	L	Weight (lbs)
■ 667-9312 TA2-L Mounting bracket, double (Ø 3.0"x 7.87" long)	16.54	2.99 x 7.87	2.99	35.49 lbs



	C1	D x L	L	Weight (lbs)
■ 667-9316 TA2-L Mounting bracket, double (Ø 4.25 x 7.87 long)	16.54	4.25 x 7.87	4.25	44.53 lbs



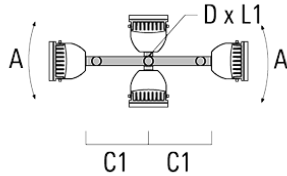
	C1	D x L	L	Weight (lbs)
667-9315 TA1 Mounting bracket, single (Ø 4.25 x 7.87)	5.12	4.25 x 7.87	4.25	16.53 lbs



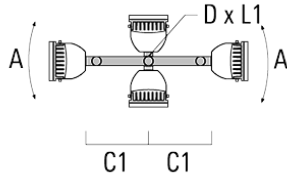
5/11

SCHULER SHOOK
PROJECT: **ARNOLD BARN**

	C1	D x L	Weight (lbs)
■ 667-9314 TA4 Mounting bracket, quad (Ø 3.50 x 7.87)	25.59	3.50 x 7.87	20.80 lbs

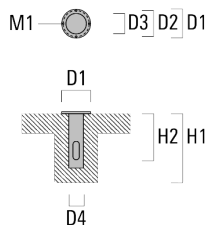


	C1	D x L	Weight (lbs)
■ 667-9319 TA4 Mounting bracket, quad (Ø 4.25 x 7.87)	25.59	4.25 x 7.87	53.00 lbs



Planted root made from hot dipped galvanized steel. Includes mounting hardware. Must be used in conjunction with EM short post.

	D1	D2	D3	D4	H1	H2	M1	Weight (lbs)
665-9302 Planted root ESV4	5.71	5.12	4.02	4.25	15.75	13.78	8	4.40 lbs



Pole clamps made from die-cast aluminium with stainless steel hardware. For mounting of one or two floodlights. Max. permissible weight per installed floodlight 49.6 lbs.

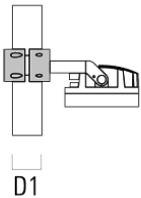
FLC230 LED
667-3420

6/11

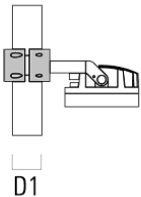
FIXTURE TYPE SA
SCHULER SHOOK
PROJECT: ARNOLD BARN



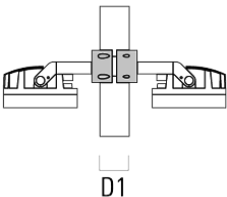
	D1	Weight (lbs)
■ 667-9348 TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	4.0-4.50	3.53 lbs



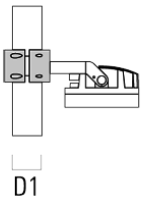
	D1	Weight (lbs)
■ 667-9322 TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	4.0-4.50	3.53 lbs



	D1	Weight (lbs)
■ 667-9349 TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	4.0-4.50	3.31 lbs



	D1	Weight (lbs)
■ 667-9320 TS1-2/M12 Pole clamp, single (Ø 3"-3.5")	3.0-3.50	3.31 lbs



FLC230 LED

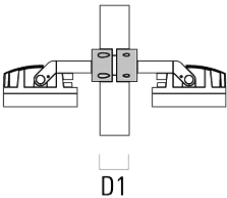
667-3420

7/11

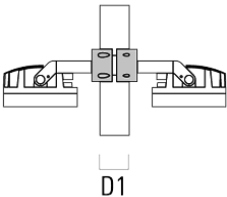
FIXTURE TYPE SA
 SCHULER SHOOK
 PROJECT: ARNOLD BARN



	D1	Weight (lbs)
667-9321 TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	3.0-3.50	3.09 lbs



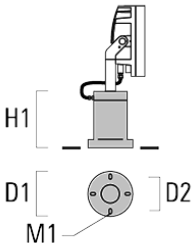
	D1	Weight (lbs)
667-9323 TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	4.50-5.25	3.53 lbs



Short post EM

Short posts made from die-cast aluminium with concealed stainless steel hardware. For mounting of one floodlight.

	D1	D2	H1	M1	Weight (lbs)
667-9301 EM1-M16	6.30	5.12	7.87	9	4.85 lbs



Surface Mount Canopy SMC

Suitable for mounting FLC230/240/250/254 series floodlight to any horizontal or vertical surface over a recessed junction box.

FLC230 LED
667-3420

8/11

FIXTURE TYPE SA
SCHULER SHOOK
PROJECT: ARNOLD BARN



	D1	D2	Weight (lbs)
■ 683-9329 SMC-200	10.83	9.25	7 lbs



Optical Accessories

Surface wash lens IO-360

Broadens light distribution in all planes. A maximum of one internal optical accessory.

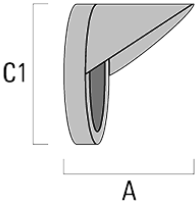
	C1
667-8120 IO-360-FLC230-LED	7.83



Glare shield

Glare shield made from corrosion resistant aluminum. Inner surfaces matt black powdercoated.

	A	C1
667-9221 ES-FLC230-LED	5.17	8.90



Honeycomb louvre IW

Honeycomb louvre, matt black Teflon® coated. For luminaires equipped with [W] [M] light distribution. A maximum of one internal optical accessory.

FLC230 LED

667-3420

10/11

FIXTURE TYPE SA

SCHULER SHOOK
PROJECT: ARNOLD BARN



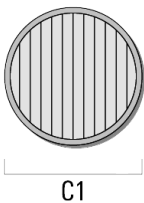
	C1
■ 667-8210 IW-FLC230-LED	7.83



Linear spread lens IO-180

Broadens light distribution in one plane only. A maximum of one internal optical accessory.

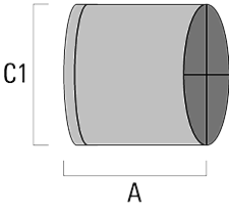
	C1
■ 667-8119 IO-180-FLC230-LED	7.83



Snoot

Framing snoot made from corrosion resistant aluminium. Provides all-round glare cut-off as well as effective framing of beam. Inner surfaces matt black powdercoated.

	A	C1
■ 667-9222 Snoot ET	180	293



FLC230 LED

667-3420

FIXTURE TYPE SA

SCHULER SHOOK

PROJECT: ARNOLD BARN



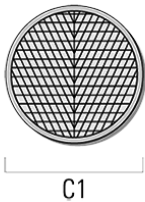
11/11

Wallwash lens IO-20

Specifically developed for the lighting of architectural surfaces, in combination with WE-EF [M] symmetric medium beam LED optics. Luminaires fitted with the IO-20 wallwash lens are typically positioned at $0.125 \times h$ away from the target surface and spaced up to $1.75 \times d$ apart: h = height of wall/target surface $d = 0.125 \times h$ = distance from the wall/target surface $s = 1.75 \times d$ = spacing between luminaires The IO-20 LED wallwash lens is factory-installed within the luminaire. The factory-sealed qualities and advantages of the luminaire are fully maintained. A maximum of one internal optical accessory.

C1

667-8118 IO-20-FLC230-LED	7.83
---------------------------	------



Pole clamp TS

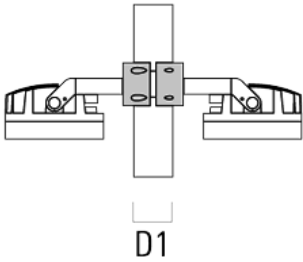
667-9323



1/1

Pole clamp TS

Pole clamps made from die-cast aluminium with stainless steel hardware. For mounting of one or two floodlights. Max. permissible weight per installed floodlight 49.6 lbs.



		D1	Weight (lbs)
■ 667-9323	TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	4.50-5.25	3.53

Pole clamp TS

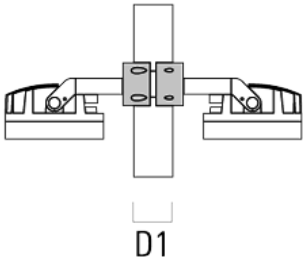
667-9349

1/1

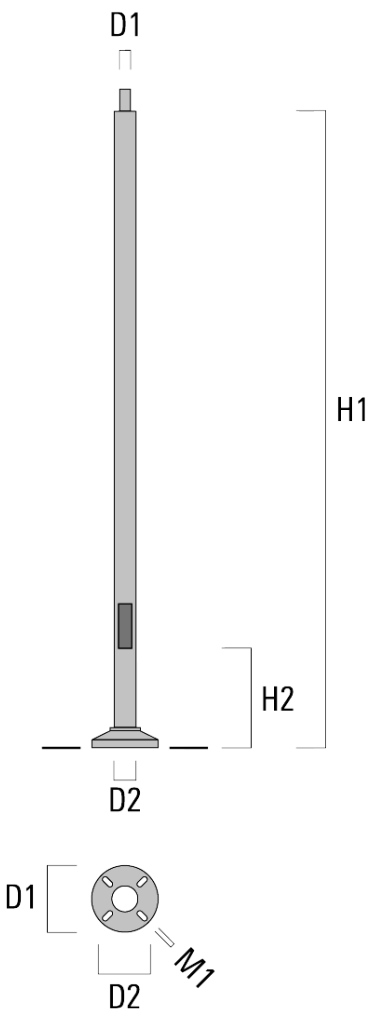


Pole clamp TS

Pole clamps made from die-cast aluminium with stainless steel hardware. For mounting of one or two floodlights. Max. permissible weight per installed floodlight 49.6 lbs.



		D1	Weight (lbs)
■ 667-9349	TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	4.0-4.50	3.31



Description

Straight round aluminum. Chromated pre-treatment with superior powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Specify suitable pole top tenon for inteded brackets. Service door with tamper-proof hardware. Base plate welded tubular shaft. Spun aluminum base plate cover.

			D1 ϕ	D2 ϕ	H1	H2	Weight (lbs)
693-1220	AML-Z-008-40-125		4	4	96	23.62	19
693-1221	AML-Z-10-40-125		4	4	120	23.62	22
693-1222	AML-Z-10-50-125		5	5	120	23.62	27
693-1223	AML-Z-12-40-125		4	4	144	23.62	26
693-1224	AML-Z-12-50-156		5	5	144	23.62	38
693-1225	AML-Z-14-50-156		5	5	168	23.62	44
693-1230	AML-Z-16-50-188		5	5	192	23.62	58
693-1231	AML-Z-16-60-156		6	6	192	23.62	59
693-1232	AML-Z-18-50-188		5	5	216	23.62	65
693-1233	AML-Z-18-60-188		6	6	216	23.62	78
693-1234	AML-Z-20-60-156		6	6	240	23.62	73
693-1235	AML-Z-20-60-188		6	6	240	23.62	86

AML-Z



2/2

		D1 ϕ	D2 ϕ	H1	H2	Weight (lbs)
	693-1236 AML-Z-25-60-188	6	6	300	23.62	106

Snoot

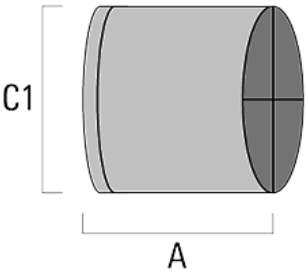
667-9222

1/1



Snoot

Framing snoot made from corrosion resistant aluminium. Provides all-round glare cut-off as well as effective framing of beam. Inner surfaces matt black powdercoated.



		A	C1
■	667-9222 ET-FLC230-LED	180	293