

HELIOS AFX 1 Module

CE UK CA IK08 IP66



LP4036.861-EN-T4-500-840-EN-C1



[T4]

Type IV, Asymmetric,
Forward throw

Variant

Light distribution	[T4] 117x64°
Delivered lumens flux	2805 lm
Rated input power	25 W
Colour temperature	4000 K CRI 80
Luminaire efficacy	112 lm/W
Lamp	16 LED
MacAdam Ellipse	4 SDCM
BUG rating	B1-U0-G1
Lifetime L90B50 (hour)	>102,000
Lifetime L80B50 (hour)	>102,000

Options

Technical information

Mounting	Direct pole or side bracket mountable. Spigot: Ø60 mm x 100 mm
Housing	Corrosion resistant, marine grade aluminum housing
Finishing	Chromate conversion pretreatment followed by electrostatic powder coating
Fasteners	Stainless steel (AISI 304 / EN 1.4301 grade)
Gasket	Silicone
Lens / Reflector	PMMA lens with high optical efficiency
Glass / Diffusor	Custom Design PMMA Diffusor
Impact protection	IK08
Ingress protection	IP66
Input voltage	220-240V 50/60Hz
Insulation class	Class I
Wind catching area (EPA)	0.24 m ²
Weight	4.86 kg
LED module	High power LEDs on metal-core PCB
Driver	Internal LED driver
Driver surge protection	10/6 kV
Power factor	> 0.95
Through wiring	Single cable entry
Operating temperature	-40...50°C
Cable	0.5 m of flexible cable
Packing box dimensions	50*50*103 cm

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We reserve the right to change specifications without prior written notice. Edition: 07.05.2024.
For current version visit heperlighting.com. All flux (±7% tolerance) and power values (±10% tolerance) are derived following appropriate IES, CIE, and applicable standards.

Poles (To be ordered separately)

Conical aluminum poles with flange plate



Product code	Height	Diameter / Dimensions	Spigot diameter
PAFK.D114	3m, 4m, 5m m	Ø114mm	Ø60mm, Ø76mm mm
PAFK.D122	4m, 5m, 6m m	Ø122mm	Ø60mm, Ø76mm mm
PAFK.D148	6m, 7m, 8m m	Ø148mm	Ø60mm, Ø76mm mm
PAFK.D165	6m, 7m, 8m, 9m m	Ø165mm	Ø76mm, Ø90mm mm
PAFK.D180	10m, 8m, 9m m	Ø180mm	Ø76mm, Ø90mm mm
PAFK.D200	10m, 11m, 12m m	Ø200mm	Ø76mm, Ø90mm mm

Conical aluminum poles with embedded base



Product code	Height	Diameter / Dimensions	Spigot diameter
PABK.D114	3m, 4m, 5m m	Ø114mm	Ø60mm, Ø76mm mm
PABK.D122	4m, 5m, 6m, 7m m	Ø122mm	Ø60mm, Ø76mm mm
PABK.D148	6m, 7m, 8m m	Ø148mm	Ø60mm, Ø76mm mm
PABK.D165	6m, 7m, 8m, 9m m	Ø165mm	Ø76mm, Ø90mm mm
PABK.D180	10m, 8m, 9m m	Ø180mm	Ø76mm, Ø90mm mm
PABK.D200	10m, 11m, 12m m	Ø200mm	Ø76mm, Ø90mm mm

Cylindrical aluminum poles with flange plate



Product code	Height	Diameter / Dimensions	Spigot diameter
PAFC.D114	3m, 4m, 5m m	Ø114mm	Ø114mm mm
PAFC.D122	3m, 4m, 5m, 6m m	Ø122mm	Ø122mm mm
PAFC.D148	6m, 7m, 8m m	Ø148mm	Ø148mm mm
PAFC.D165	6m, 7m, 8m, 9m m	Ø165mm	Ø165mm mm

Project name		Type		Quantity	
Date		Note			
LP4036.861-EN-T4-500-840-__-EN-C1-__-__					

Light distribution	Rated input power	Colour temperature	Control	Product colours
[T4] Type IV, Asymmetric, Forward throw - 117x64°	[500] 25 W	[840] 4000 K CRI 80	[ONOFF] On/Off	[HM1] Black
	[350] 18 W	[827] 2700 K CRI 80	[DALI] DALI	[HM2] Dark grey
[P4] Special pedestrian road distribution-right side traffic - 20x78°	[700] 35 W	[830] 3000 K CRI 80	[AUTO] AutoDIM	[HM3] Anthracite grey
[T1] Type I, Asymmetric, Side throw - 111x48°		[740] 4000 K CRI 70	[STEP] StepDIM	[HM4] Light grey
[T2] Type II, Asymmetric, Side throw - 133x48°				[HM5] White
[T2] Type II, Asymmetric, Side throw - 149x54°				[HM6] Bronze
[T3] Type III, Asymmetric, Side throw - 143x63°				[CC] Custom colour (Please specify RAL code)
[T5] Type V, Symmetric - 117°				
Extras				
Consult the factory				
[UNI] 120-277V 50/60Hz				