

## Active 6.2 VCA2-123 PLUS

Built-in LEDSpot equipped with a reflector, heat sink and leads



### Technical notes

Reflector: dia. 50mm  
 COB pcb material: aluminium  
 Heatsink material: thermoconductive resin  
 Colour accuracy initially: 3 SDCM  
 Fixation of the reflector: click-in  
 Plastic clear cover to protect reflector  
 Holder: PBT black  
 Temperature depends on installation situation and has to be checked by the luminaire manufacturer  
 Use of external LED constant-current drivers required  
 Leads: Cu tinned, stranded conductors AWG22  
 FEP-insulation and PVC sleeve  
 length: 200 mm  
 With integrated cord grip



### Colour of components

Heatsink: black  
 Holder: black  
 Outer part of reflector: black  
 Inner part of reflector: metallized

### Electrical Characteristics

at  $T_p=60^\circ\text{C}$

Type	VOLTAGE DC (V)		Power consumption (W)	
	100mA typ.	150mA typ.	100mA typ.	150mA typ.
Engine/Active VCA2-123	32,4	33,1	3,2	5,0

### Maximum Ratings

Exceeding the maximum ratings can lead to destruction of the module.

Type	Ambient temperature range at Tc point		Operation temperature range at Tc point		Storage temperature		Max. allowed repetitive peak current mA
	$^\circ\text{C}$ min.	$^\circ\text{C}$ max.	$^\circ\text{C}$ min.	$^\circ\text{C}$ max.	$^\circ\text{C}$ min.	$^\circ\text{C}$ max.	
Engine/Active VCA2-123	"-20"	45	"-25"	80	"-40"	90	600

### Engines max 300mA

Type	Ref.No.	Colour	Correlated colour temperature	Typ luminous flux and efficacy at				CRI				
				100mA		150mA						
				lm	lm/W	lm	lm/W					
Engine 6.2 VCA2-123 927	572147	warm white	2700	Pel=3,2W/Vf=32,4V		Pel=5,0W/Vf=33,1V		475	148	695	139	92
Engine 6.2 VCA2-123 930	572148	warm white	3000	505	158	740	148	92				
Engine 6.2 VCA2-123 940	572149	neutral white	4000	520	163	760	152	92				

### Reflectors

Ref.No.	For LED modules	Beam angle $^\circ$	Cover	Optical efficiency %	Weight g
603685	Eng. VCA2-123/Eng. 6.2	16	clear	87	10
603687	Eng. VCA2-123/Eng. 6.2	24	clear	86	10
604919	Eng. VCA2-123/Eng. 6.2	40	frost	87	10
603686	Eng. VCA2-123/Eng. 6.2	19	frost	86	10
603688	Eng. VCA2-123/Eng. 6.2	26	frost	85	10
604920	Eng. VCA2-123/Eng. 6.2	42	frost	85	10