


Technical Specification

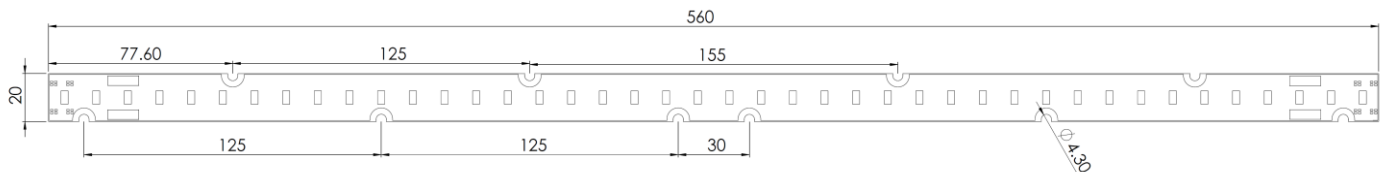
L56-W2

Product Name:	L56-W2
Category:	Linear LED Module
Description:	Zhaga compliant 560mm linear LED Module



Features: 	High performance LEDs from Osram	Applications: Fluorescent Replacement
	Zhaga compliant	
	Power Consumption = 14.7 W/module (DC) @ 350mA	
	Lumen Output = 2370 lumens/module @ 350mA	
	L80 > 50,000 hours at Tc = 80°Celsius	
	2059 series Push in Wago™ connectors	
	Available in Cool, Natural and Warm White	
	Locally designed and manufactured	
CRI 90 and custom CCTs available on request		

Dimensions



Product Code	Width (mm)	Length (mm)	Thickness (mm)
L56-W2	20	560	4.4

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Electrical Characteristics						
Parameter	Value					Unit
Module Operating Voltage	42					V DC
Module Drive Current	150	250	350	400	500	mA
LED Drive Current	50	83	116	133	166	mA
DC Power / Module	6.3	10.5	14.7	16.8	21.0	W

Optical Characteristics										
Product Code	LED Colour		CCT (K)	Module Luminous Flux (lm)*					Angle (°)	Min CRI
				150mA	250mA	350mA	400mA	500mA		
L56-W2-W	<input type="checkbox"/>	W	6000	1080	1742	2370	2680	3262	120	80
L56-W2-NW	<input type="checkbox"/>	NW	4000							
L56-W2-WW	<input type="checkbox"/>	WW	3000							

W - Cool White
 NW - Natural White
 WW - Warm White

* Values accurate to within 10%

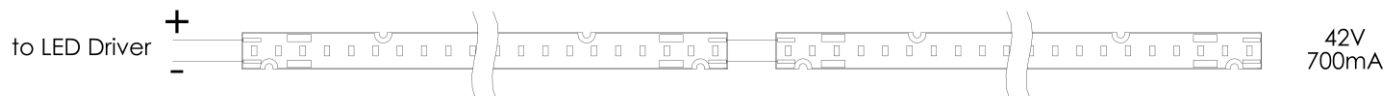
Wiring Options @ 350mA per module

1 Module



2 Modules

Parallel Operation

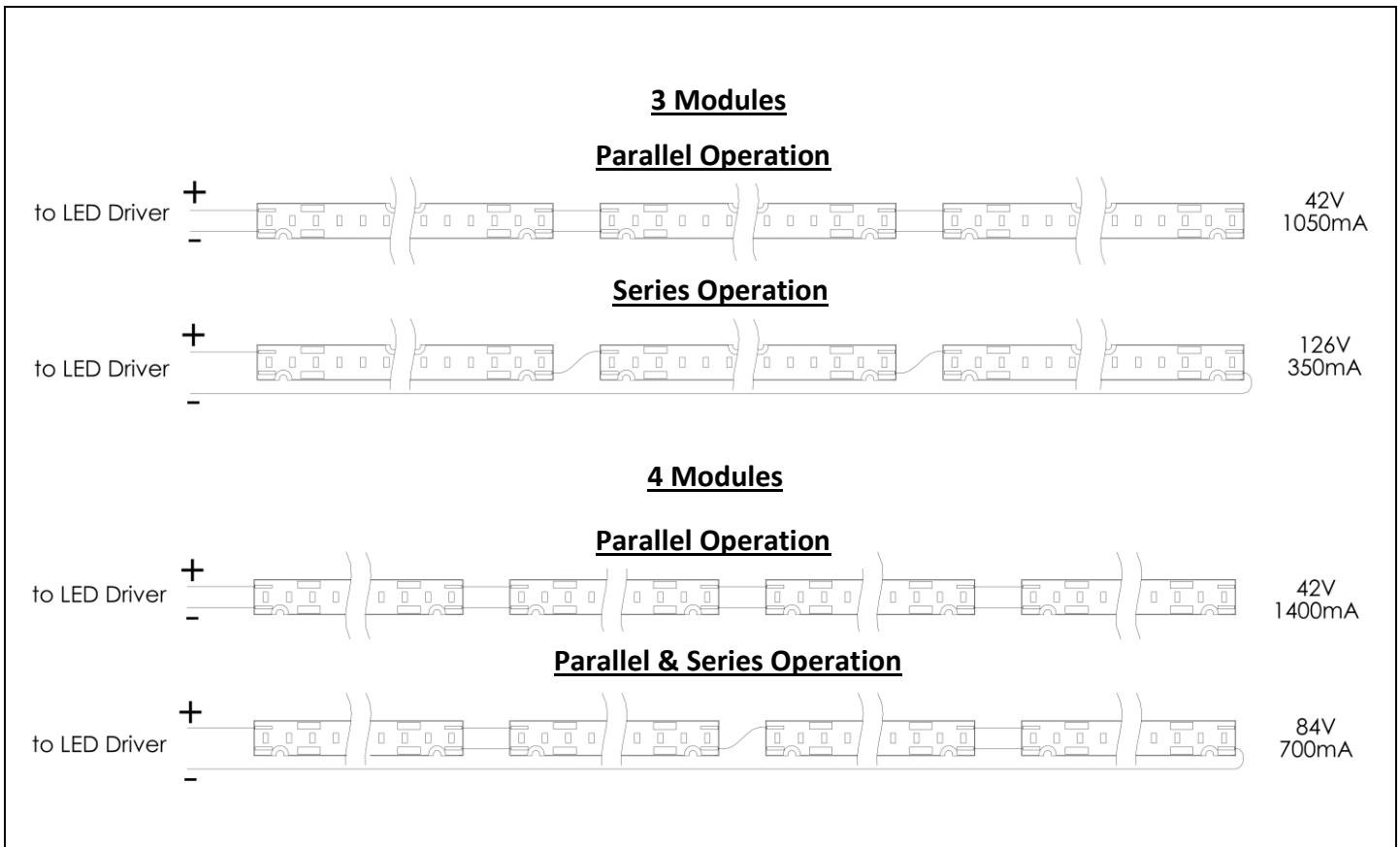



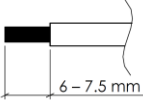
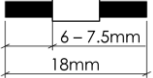
Series Operation



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Wire Selection		
Connector Type	Recommended Wire Gauge	Recommended Wire Length for Board to Board Connection
 <p>Wago 2059 Series</p>	<p>0.14 – 0.34 mm² AWG 26 – 22 solid core Strip length: 6 – 7.5mm</p> 	<p>18 mm Strip length: 6 – 7.5mm</p> 

Product Ordering Code			
Example: L56-W2-NW			
L56-W2	NW		
Product Code	Natural White LED Colour		

Document Info
L56-W2 Rev 9