

Colour	Mftrs. List No.	Order Code	1+	3+	5+	10+	25+
24V dc							
Ultra Red	671-289-22	139-403					
Red	671-290-22	139-415					
Green	671-292-22	139-427					
Yellow	671-291-22	139-439					
110V ac							
Ultra Red	671-289-75	139-440					
Red	671-290-75	139-452					
Green	671-292-75	139-464					
Yellow	671-291-75	139-476					
240V ac							
Ultra Red	671-289-76	139-488					
Red	671-290-76	139-490					
Green	671-292-76	139-506					
Yellow	671-291-76	139-518					

Colour	Order Code	1+	25+	100+	250+	500+
Order Multiple=1						
Red	.323-640					
Green	.323-652					
Yellow	.323-664					
Order Multiple=5						
Clip	170-733	5+	25+	100+	250+	500+

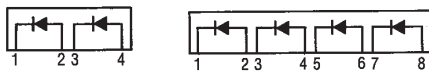
LED Bar Modules

5mm Height



2 LED module
H = 4.95, W = 10.16, D = 6.22
Light area = 3.81 8.89

4 LED module
H = 4.95, W = 20.32, D = 6.22
Light area = 3.81 19.05



Single-in-line leads, pitch = 2.54. Leads = 0.51 0.58

Black plastic mounting clips:

Panel cut-out 12.7 7.62 (2 LED), 22.86 7.62 (4 LED) Maximum panel thickness 3.2

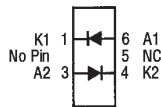
Outline	Colour	Typ Intensity (all LEDs on) mcd	I _f (mA) (max) each LED	PIV (max)	Mftrs. List No.	Order Code
	Red	7.5 @ 3mA	15	5	HLCPA100	323-548
	Red	15.0 @ 3mA	15	5	HLCPB100	323-550
	HE Red	23.0 @ 20mA	30	6	HLMP2300	323-561
	HE Red	45.0 @ 20mA	30	6	HLMP2350	323-573
	Yellow	20.0 @ 20mA	25	6	HLMP2400	323-585
	Yellow	38.0 @ 20mA	25	6	HLMP2450	323-597
	Green	25.0 @ 20mA	30	6	HLMP2500	323-603
	Green	50.0 @ 20mA	30	6	HLMP2550	323-615

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Colour	Order Code	1+	25+	100+	250+	500+
Order Multiple=1						
Red	323-548					
Red	323-550					
HE Red	323-561					
HE Red	323-573					
Yellow	323-585					
Yellow	323-597					
Green	323-603					
Green	323-615					
Order Multiple=5						
2 LED Clip	323-627	5+	100+	1K+		
4 LED Clip	323-639					

7.5mm Height

QT



H = 7.49, W = 13.97, D = 8.0
Light area = 6.35 12.7, Lead pitch = 2.54,
Row spacing = 5.08, Leads = 0.51 0.25

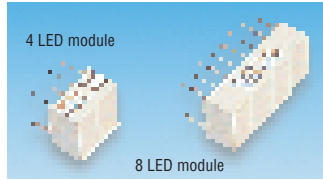
Black plastic mounting clip and bush:

Panel cut-out 16.5 10.2 Max. panel thickness 3.2

Colour	Typ. Intensity (both LEDs on)	I _f (mA) (max.)	PIV (max)	Mftrs. List No.	Order Code
Red	4.5mcd @ 20mA	35mA	6	MV57173	323-640
Green	4.5mcd @ 20mA	30mA	6	MV54173	323-652
Yellow	4.5mcd @ 20mA	25mA	6	MV53173	323-664

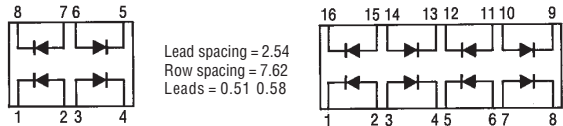
OPT103

10mm Height



4 LED module
H = 10.16, W = 10.16, D = 6.22
Light area (single area type) = 8.89 8.89

8 LED module
H = 10.16, W = 20.32, D = 6.22
Light area (single area type) = 8.89 19.05



Bicolour light bars have 4 HE Red LEDs connected as shown, and Green LEDs across each in inverse parallel. Reverse voltage = 6V max.

Black plastic mounting clips:

Panel cut-out 12.7 12.7 (4 LED), 22.86 12.7 (8 LED) Max panel thickness 3.2

Outline	Colour	Typ Luminous Intensity/seg.(mcd)	I _f (mA) (max) each LED	Mftrs. List No.	Order Code
	Red	7.5 @ 3mA	15	HLCPD100	323-676
	Red	7.5 @ 3mA	15	HLCPD100	323-688
	Red	15 @ 3mA	15	HLCPD100	323-690
	Red	30 @ 3mA	15	HLCPD100	323-718
	HE Red	23 @ 20mA	30	HLMP2600	323-720
	HE Red	23 @ 20mA	30	HLMP2620	323-731
	HE Red	45 @ 20mA	30	HLMP2655	323-755
	HE Red	80 @ 20mA	30	HLMP2685	323-779
	Yellow	38 @ 20mA	25	HLMP2755	323-809
	Yellow	70 @ 20mA	25	HLMP2785	323-822
	Green	25 @ 20mA	30	HLMP2820	323-846
	Green	50 @ 20mA	30	HLMP2855	323-858
	Green	100 @ 20mA	30	HLMP2885	323-860
	Bi-colour				
	HE Red/Green	45/45 @ 20mA	30	HLMP2965	323-871

OPT108

Colour	Order Code	1+	25+	100+	250+	500+
Order Multiple=1						
Red	323-676					
Red	323-688					
Red	323-690					
Red	323-718					
HE Red	323-720					
HE Red	323-731					
HE Red	323-755					
HE Red	323-779					
Yellow	323-809					
Yellow	323-822					
Green	323-846					
Green	323-858					
Green	323-860					
Bi-colour	323-871					
Order Multiple=5						
4 LED Clip	323-883	5+	100+	1K+		
8 LED Clip	323-895					