

LED Indicators, 3mm Lens Diameter — Continued

3mm with Integral Resistor
Single and Bi-Colour



Prominent : Total L behind bezel = 28.9
 Recessed : Total L behind bezel = 30.4
 Flat-top : Total L behind bezel = 32.4

All types : Bezel dia. = 7, thread = M6 0.75, mounting hole dia. = 6, tab connections = 2 0.5, tinned tab indicates cathode (-), common cathode or bi-colour.

A range of panel mounting LED indicators with integral resistor to permit direct connection to 12V or 24V dc supplies. The 3mm LEDs are fitted in high quality satin chrome or black chrome plated brass housings, fitted with fixing nut and washer. Connection is by faston/solder tab terminals. CE approved.

Operating voltages	12V dc,	24V dc ±10%	Reverse voltage (max.)	5V dc
Operating current (max.)	12V	30mA	Viewing angle	80°
	24V	18mA	Operating temperature	-55°C to +70°

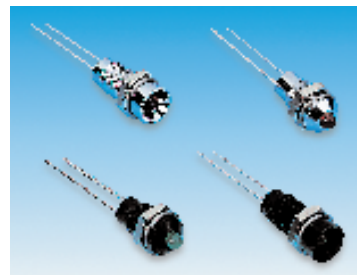
Typ. luminous intensity at operating current		HE Red	Green	Yellow	Blue
Prominent	12V	23.5mcd	48mcd	41mcd	2.5mcd
Prominent	24V	15mcd	28.5mcd	24.5mcd	1.8mcd
Recessed	12V	22mcd	50mcd	42mcd	2.5mcd
Recessed	24V	14.5mcd	31mcd	25mcd	1.8mcd
Flat-top	12V	10mcd	17.5mcd	16.4mcd	—
Flat-top	24V	6.5mcd	10mcd	9.4mcd	—
		HE Red/Green	HE Red/Yellow	Green/Yellow	
Bi-colour 12V Prominent		15/18mcd	15/15mcd	18/15mcd	
Bi-colour 24V Prominent		9/11mcd	9/9mcd	11/9mcd	
Bi-colour 12V Recessed		19/34mcd	19/20mcd	34/20mcd	
Bi-colour 24V Recessed		13/20mcd	13/13mcd	20/13mcd	

OPT280/281

Order Code	Price Each				
	1+	25+	100+	250+	500+
Satin Chrome – Prominent					
12V HE Red	.569-471				
12V Green	.569-483				
12V Yellow	.569-495				
12V Blue	.569-501				
24V HE Red	.569-550				
24V Green	.569-562				
24V Yellow	.569-574				
24V Blue	.569-586				
12V HE Red/Green	.569-239				
12V HE Red/Yellow	.569-240				
12V Green/Yellow	.569-252				
24V HE Red/Green	.569-290				
24V HE Red/Yellow	.569-306				
24V Green/Yellow	.569-318				
Satin Chrome – Recessed					
12V HE Red	.569-630				
12V Green	.569-641				
12V Yellow	.569-653				
12V Blue	.569-665				
24V HE Red	.569-719				
24V Green	.569-720				
24V Yellow	.569-732				
24V Blue	.569-744				
12V HE Red/Green	.569-355				
12V HE Red/Yellow	.569-367				
12V Green/Yellow	.569-379				
24V HE Red/Green	.569-410				
24V HE Red/Yellow	.569-422				
24V Green/Yellow	.569-434				
Satin Chrome – Flat-Top					
12V HE Red	.569-173				
12V Green	.569-185				
12V Yellow	.569-197				
24V HE Red	.569-203				
24V Green	.569-215				
24V Yellow	.569-227				

Order Code	Price Each				
	1+	25+	100+	250+	500+
Black Chrome – Prominent					
12V HE Red	.569-513				
12V Green	.569-525				
12V Yellow	.569-537				
12V Blue	.569-549				
24V HE Red	.569-598				
24V Green	.569-604				
24V Yellow	.569-616				
24V Blue	.569-628				
12V HE Red/Green	.569-264				
12V HE Red/Yellow	.569-276				
12V Green/Yellow	.569-288				
24V HE Red/Green	.569-320				
24V HE Red/Yellow	.569-331				
24V Green/Yellow	.569-343				
Black Chrome – Recessed					
12V HE Red	.569-677				
12V Green	.569-689				
12V Yellow	.569-690				
12V Blue	.569-707				
24V HE Red	.569-756				
24V Green	.569-768				
24V Yellow	.569-770				
24V Blue	.569-781				
12V HE Red/Green	.569-380				
12V HE Red/Yellow	.569-392				
12V Green/Yellow	.569-409				
24V HE Red/Green	.569-446				
24V HE Red/Yellow	.569-458				
24V Green/Yellow	.569-460				

3mm



Bezel = 4.7 dia (Prominent),
 3.7 dia (Recessed),
 Total L behind bezel = 11.5 (Prominent)
 13.0 (Recessed),
 Mounting hole dia. = 6,
 Shorter lead Cathode

A range of panel mounting LED indicators in high quality bright chrome or black chrome plated brass housings. Fitted with fixing nut and washer. CE approved.

Style	Colour	Typ. Lum. Intensity (mcd) @ I _f = 20mA	V _f (typ.) (V)	I _f (max)
				mA
Prominent	HE Red	17.5	2.0-2.6	45
Recessed	HE Red	15	2.0-2.6	45
Prominent	Green	27	2.0-2.6	45
Recessed	Green	34	2.0-2.6	45
Prominent	Yellow	32	2.0-2.6	45
Recessed	Yellow	28	2.0-2.6	45
Prominent	Pure Orange	17.5	2.0-2.6	30
Recessed	Pure Orange	15	2.0-2.6	30
Prominent	Blue	5	3.8-4.4	50
Recessed	Blue	6	3.8-4.4	50

OPT497

Colour	Order Code	Price Each				
		1+	25+	100+	250+	500+
Bright Chrome – Prominent						
HE Red	.882-483					
Green	.882-495					
Yellow	.882-501					
Pure Orange	.882-513					
Blue	.882-525					
Bright Chrome – Recessed						
HE Red	.882-537					
Green	.882-549					
Yellow	.882-550					
Pure Orange	.882-562					
Blue	.882-574					
Black Chrome – Prominent						
HE Red	.882-586					
Green	.882-598					
Yellow	.882-604					
Pure Orange	.882-616					
Blue	.882-628					
Black Chrome – Recessed						
HE Red	.882-630					
Green	.882-641					
Yellow	.882-653					
Pure Orange	.882-665					
Blue	.882-677					