



Shandon Street, Cork

- Flat glass glazing option for zero light pollution
- Top entry versions available with Easy-fit™ connector for ease of installation and accurate luminaire alignment
- Exceptional ease of maintenance via stainless steel over-centre latches
- Ingress Protection - whole luminaire sealed to IP66

Diamond Optic®



Diamond Optic® reflector system reduces light pollution and allows increased column spacings. See pages 16-19 for full details.



Shown with flat glass

Excel Product Codes

500	450	Excel	Example
1. Model			
EX5	EX4		EX5
2. Mounting			
S	S	Side Entry	D
D	D	Direct Entry	
E	E	Top Entry Easy-fit™	
T	T	Top Entry Threaded	
3. Glazing			
P	P	Polycarbonate bowl	P
F	F	Flat toughened glass	
4. Lamp			
	050S	50w SON-T+	250H
	070S	70w SON-T+/CDO-TT	
100S	100S	100w SON-T+/CDO-TT	
150S	150S	150w SON-T+/CDO-TT	
250S		250w SON-T+/CDO-TT	
400S		400w SON-T+	
	070H	HQI-E	
100H	100H	100w HQI-E	
150H	150H	150w HQI-E	
250H		250w HQI-T	
400H		400w HQI-T	
	035C	35w CDM-T	
	070C	70w CDM-T	
150C	150C	150w CDM-T	
	042P	42w PL-T	
	057P	57w PL-T	
	045W	45w CosmoWhite	
	060W	60w CosmoWhite	
090W	090W	90w CosmoWhite	
140W		140w CosmoWhite	
5. Colour			
32	32	RAL 5010 Gentian Blue*	32
04	04	Black ring & anodised canopy	
6. Diamond Optic® Setting			
A	A	5/35	C
B	B	10/10	
C	C	31/35	
D	D	5/25	
7. Photocell			
C	C	Yes	C
N	N	No	

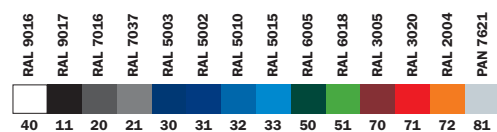
Open front cover flap for our guide to using this table. For non-standard codes, call us on 01992 474600.

Example Code:

1. **EX5** Excel 500
2. **D** with Direct Entry
3. **P** Polycarbonate Bowl Glazing
4. **250H** 250w HQI-T
5. **32** Painted RAL 5010 Gentian Blue
6. **D** Diamond Optic® setting D with Photocell
7. **C**

= EX5 D P 250H 32 D C

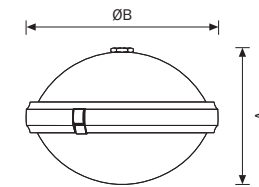
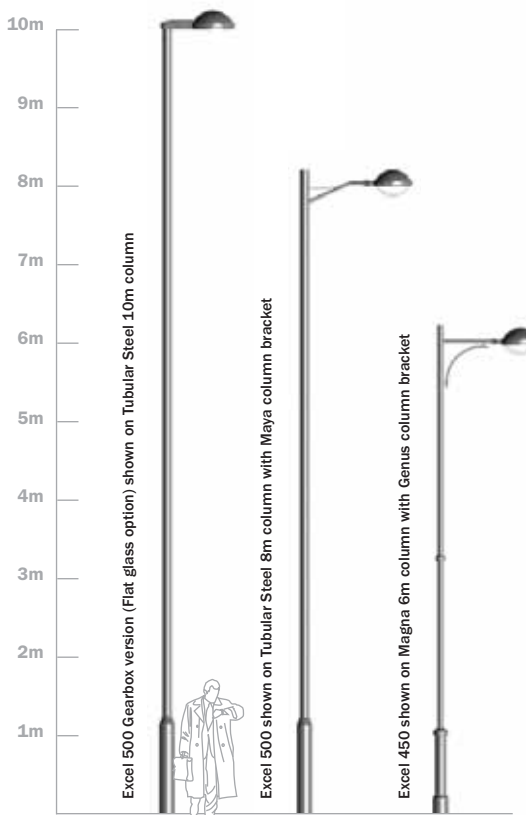
* For an alternative colour, replace 32 with the two digit number of the colour you require



This product is available in the colours listed on the opposite page, as well as any other colour from our full standard range, shown here, to special order. See inside cover flap for details.

Suggested column/bracket options

For full range of columns and brackets see page 162



Variant	Dimensions (mm)		Weight (kg)	Windage
	A	B		
500	388	550	14.6	0.16m²
500*	265	550	16.1	0.11m²
450	354	500	13.2	0.14m²
450*	235	500	13.7	0.10m²

* with flat glass

Excel

IP66 IK07
CLASS I

urban contemporary

Options

Sizes:
Excel 500
For mounting at 8 - 12 metres
Maximum lamp wattage: 400w**

Excel 450
For mounting at 4 - 8 metres
Maximum lamp wattage: 150w

Glazing:
Flat toughened glass
Polycarbonate bowl
Acrylic bowl

Optical control:
Diamond Optic®

Lamp:
45, 60, 90, 140w CosmoWhite
50, 70, 100, 150, 250, 400w** SON-T+
70, 100, 150w HQI-E
250, 400w** HQI-T
35, 70, 150w CDM-T
70, 100, 150, 250w CDO-TT
42, 57w PL-T

** supplied with external gearbox (500 version)
for details see page 102

Mounting:
Side entry [42 mm Ø]
Direct entry [76 mm Ø]
Easy-fit™ top entry [42.4 mm Ø]
Threaded top entry [1¼" BSP]
Gearbox entry (500 version)

Colours:
RAL 9017 Black
RAL 9017 Black ring & anodised canopy
RAL 7016 Anthracite Grey
RAL 7037 Dusty Grey
RAL 5003 Sapphire Blue
RAL 6005 Light Moss Green
RAL 3005 Wine Red
PAN 7621 Metallic Silver

Other:
Electronic gear, some models
Miniature photocell
Obtrusive light shield(s), except for flat glass option
Zebra crossing version available
See page 36-39 for details

Materials

Ring: Cast aluminium
Canopy: Spun aluminium
Direct/Side Entry: Cast aluminium
Top Entry: Corrosion protected steel

Access: Body coloured stainless steel over-centre latches

Seals: Silicone rubber

Finish: Polyester powder coated
Contact us for electronic control systems

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