

# Cyra

## MOTIVATION

To offer a recessed modular luminaire that complies with CIBSE LG3 Cat 2 but adds life to the ceiling whilst using energy efficient compact fluorescent lamps.

## APPLICATION

- Offices
- Transport concourses
- Reception areas
- Retail applications
- Corridors
- Conference rooms
- Board rooms

## SPECIFICATION

### Body

- Lamp options:
  - 500 x 500mm
  - 2 x 36W TC-L
  - 600 x 600mm
  - 2 x 40W TC-L
  - 2 x 55W TC-L
- Body compatible with these ceiling types:
  - Exposed Tee
  - 25mm or 15mm
- Body fully boxed, jointed and flanged
- Flanged body eliminates light spill
- Perforated uplighting component
- High frequency or high frequency regulating gear standard
- Push out tabs on body
- Fused terminal block
- Air handling standard 20 litres per second
- Fully integral emergency options
- Supplied less lamps

### Louvres

- LG3 Cat 2 .500 or .1000 louvre
- Louvre category dictated by lamp wattage
- Perimeter flange reduces light spill
- Full depth profile end blades
- Positive retention – shoot bolts
- Louvre material finish: Softlux semi specular
- Low iridescence

### Options

-  Easytest – integral self test version available see page 106
- Programmable control options:
  -  Command 3
  - LIGHTmaster LM20
  - LIGHTmaster LM120



CYRWH240

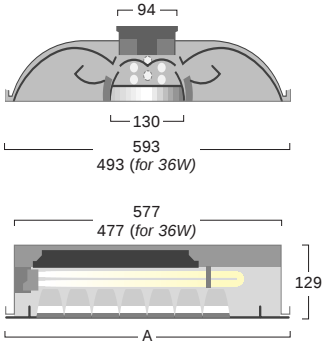




Edinburgh Airport

DIMENSIONS AND WEIGHT

| LAMP<br>WAYS | LONGITUDINAL<br>DIMENSION<br>A | WEIGHT<br>KG |
|--------------|--------------------------------|--------------|
| 2 x 36W TC-L | 493                            | 5.7          |
| 2 x 40W TC-L | 593                            | 7.4          |
| 2 x 55W TC-L |                                |              |



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ORDER CODES

COMPACT RECESSED ARCHITECTURAL FLUORESCENT

| LUMINAIRE | LOUVRE  | LAMP WAY     | GEAR           |
|-----------|---------|--------------|----------------|
| CYRWH236  | W2.500  | 2 x 36W TC-L | High frequency |
| CYRWH240  | W2.1000 | 2 x 40W TC-L |                |
| CYRWH255  | W2.500  | 2 x 55W TC-L |                |

HIGH FREQUENCY REGULATING GEAR *Substitute R for H in part code*  
R High frequency regulating gear i.e. CYRWR236

EMERGENCY *Add suffix to order codes above*  
EMIN Integral emergency i.e. CYRWH236EMIN

EASYTEST OPTION *Add suffix to order codes above*  
/ET  Integral self autotest i.e. CYRWH236EMIN/ET

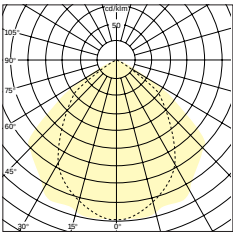
**To specify state:**  
Fully recessed compact fluorescent direct/indirect LG3 Cat 2 gull winged/louvred architectural luminaire, linear air handling slots – as Whitecroft Lighting CYRA.

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RECESSED 600 x 600 SEMI SPECULAR LG3 CAT 2  
2 x 40W TC-L Lamps



- SHR MAX = 1.67
- DLOR = 0.43



| UTILISATION FACTORS UF(F) |            | SHR NOM=1.50 |      |      |      |      |      |      |      |      |      |
|---------------------------|------------|--------------|------|------|------|------|------|------|------|------|------|
| Room Reflectance          | Room Index | C            | W    | F    | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 |
| 0.70                      | 0.50       | 0.20         | 0.31 | 0.35 | 0.37 | 0.39 | 0.42 | 0.43 | 0.44 | 0.46 | 0.46 |
| 0.50                      | 0.30       | 0.20         | 0.28 | 0.32 | 0.34 | 0.36 | 0.39 | 0.40 | 0.41 | 0.43 | 0.44 |
| 0.00                      | 0.00       | 0.00         | 0.25 | 0.29 | 0.31 | 0.33 | 0.35 | 0.37 | 0.38 | 0.39 | 0.40 |

| CONVERSION TERMS |      | 40W  | 55W |
|------------------|------|------|-----|
| Lamp wattage     |      |      |     |
| UF and PC        | 1.00 | 0.93 |     |