

# duo<sup>®</sup> 1200 x 300 linear

> weblink > **DUOL**

## ORDER CODES

| Duo Micro Prism Optic | HF Gear     | 3 hr Emergency  |
|-----------------------|-------------|-----------------|
| T5 1 x 28W            | DUOCH128PST | DUOCH128PSTEMIN |
| T5 2 x 28W            | DUOCH228PST | DUOCH228PSTEMIN |

| Duo Living Louvre | HF Gear     | 3 hr Emergency  |
|-------------------|-------------|-----------------|
| T5 1 x 28W        | DUOCH128VST | DUOCH128VSTEMIN |
| T5 2 x 28W        | DUOCH228VST | DUOCH228VSTEMIN |
| T5 1 x 54W        | DUOCH154VST | DUOCH154VSTEMIN |
| T5 2 x 54W        | DUOCH254VST | DUOCH254VSTEMIN |

| Duo Semi-Specular Louvre | HF Gear     | 3 hr Emergency  |
|--------------------------|-------------|-----------------|
| T5 1 x 28W               | DUOCH128WST | DUOCH128WSTEMIN |
| T5 2 x 28W               | DUOCH228WST | DUOCH228WSTEMIN |
| T5 1 x 54W               | DUOCH154WST | DUOCH154WSTEMIN |
| T5 2 x 54W               | DUOCH254WST | DUOCH254WSTEMIN |

## Options

|                |                                       |                             |
|----------------|---------------------------------------|-----------------------------|
| DALI DIMMING   | Replace H with <b>Y</b> in order code | i.e. DUOC <b>Y</b> 128PST   |
| DSI DIMMING    | Replace H with <b>D</b> in order code | i.e. DUOC <b>D</b> 128PST   |
| SWITCH DIMMING | Replace H with <b>X</b> in order code | i.e. DUOC <b>X</b> 128PST   |
| EASYTEST       | Add suffix <b>/ET</b> to order code   | i.e. DUOCH128PST/ <b>ET</b> |
| COMET          | Add suffix <b>/CT</b> to order code   | i.e. DUOCH128PST/ <b>CT</b> |



Living louvre



Semi-specular louvre

## CEILING INTEGRATION

Refer to common ceiling compatibility matrix – See page 310

### Spring T Grids

SAS – 150

Armstrong – Orcal 1800/3000

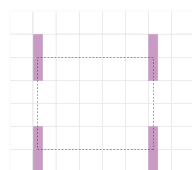
Burgess – Clip in/A bar

### Plasterboard

Prepared aperture

## PERFORMANCE GUIDE

| Lamps      | Illuminance | Spacing     |
|------------|-------------|-------------|
| 2 x 28W T5 | 520 lux     | 2.4m x 3.0m |

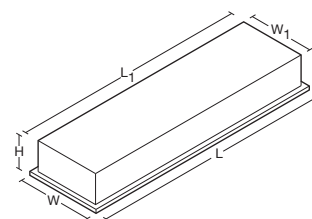


Maintenance:  
0.8  
Reflectance:  
70/50/20  
Ceiling Height:  
2.7m  
Working Plane:  
0.8m

## LAMP PERFORMANCE

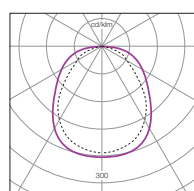
| Wattage    | IL@25°C | Lamp Life |
|------------|---------|-----------|
| 1 x 28W T5 | 2600    | 24,000hrs |
| 1 x 54W T5 | 4450    | 24,000hrs |

## DIMENSIONS



| Version               | L    | W   | H   | L <sub>1</sub> | W <sub>1</sub> | Prepared Aperture                        | KG  | KG  |
|-----------------------|------|-----|-----|----------------|----------------|------------------------------------------|-----|-----|
| Plasterboard/Spring T | 1199 | 299 | 123 | 1175           | 275            | 285 x 1187 <sup>+0</sup> / <sub>-5</sub> | 8.1 | 9.1 |

## PHOTOMETRIC PERFORMANCE

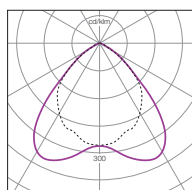


1 x 28W T5  
Micro Prism  
• LOR\* = 67.1 (75.0%)  
• SHR MAX = 1.53

### Utilisation Factors UF(F)

| Room Reflectance |      |      | Room Index |      |      |
|------------------|------|------|------------|------|------|
| C                | W    | F    | 1.00       | 3.00 | 5.00 |
| 0.70             | 0.50 | 0.20 | 0.47       | 0.65 | 0.70 |

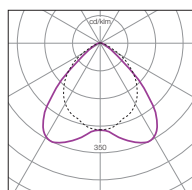
\*Cell in recessed position – Figures in brackets cell in lowered position



1 x 28W T5  
Living Louvre  
• LOR = 69.7%  
• SHR MAX = 1.81

### Utilisation Factors UF(F)

| Room Reflectance |      |      | Room Index |      |      |
|------------------|------|------|------------|------|------|
| C                | W    | F    | 1.00       | 3.00 | 5.00 |
| 0.70             | 0.50 | 0.20 | 0.51       | 0.70 | 0.74 |



1 x 28W T5  
Semi-Specular  
• LOR = 69.1%  
• SHR MAX = 1.81

### Utilisation Factors UF(F)

| Room Reflectance |      |      | Room Index |      |      |
|------------------|------|------|------------|------|------|
| C                | W    | F    | 1.00       | 3.00 | 5.00 |
| 0.70             | 0.50 | 0.20 | 0.51       | 0.70 | 0.74 |

## TO SPECIFY

Recessed T5 300 x 1200mm luminaire with dual optic configuration and air return facility. Incorporating Intermediate Brightness Zone element to diffuse light and graduate brightness across the ceiling, manufactured in a Tp(a) rated polycarbonate, and 1 optical cell with (Micro prisms / Living Louvre / Semi spec Louvre) to control light and reduce glare – as Whitecroft Lighting DUO