

# Duo line

**Recessed fluorescent:** Recessed luminaire with micro-polymer diffuser ideal for corridors

The Duo Line has Whitecroft's innovative Micro Polymer optical technology which produces an exceptional diffuse light. The clean lines of the luminaire provide a striking appearance whilst being flush to the ceiling line. The product offers the designers the opportunity to extend to Duo aesthetic in to corridors and breakout areas.

With a smooth diffuser and an IP44 rating Duo Line is easy to clean, therefore aiding infection control in a healthcare setting. By placing the luminaire offset in a corridor patient comfort is maximised.



## APPLICATION


- Corridors
- Washrooms
- Breakout spaces
- Lift lobbies
- Retail ambient lighting

## SPECIFICATION

### Body

- Lamp Options:
  - 1 x28w or 54w T5
- Steel body finished white to RAL 9010
- Easy to clean Duo micro-polymer TP(a) rated polycarbonate diffuser.
- IP44 rating from the front of the luminaire
- High frequency gear as standard.
- 3 hour integral emergency option
- Can be installed in exposed T or plasterboard ceilings. For installation in plasterboard ceilings a mounting kit (LUMAFIXBKTKIT) should be ordered.
- Supplied without lamps.

### Options

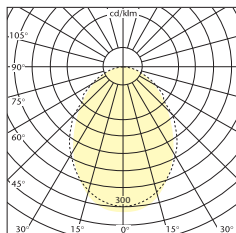
-  Easytest – Integral self test emergency
- Comet - Addressable emergency
- DSI, DALI or analogue dimming.

## PHOTOMETRY

### DUO Line MICRO OPTIC 1 x 54W T5

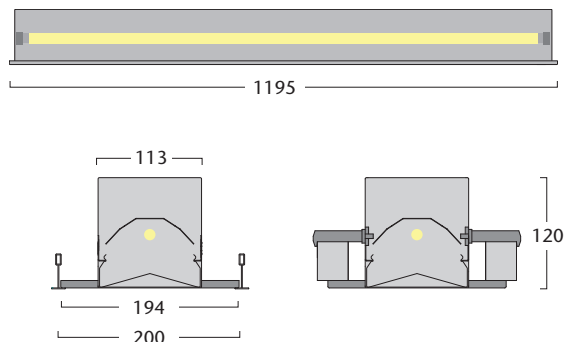


- LOR = 63.5%
- SHR MAX = 1.35



UTILISATION FACTORS UF(F)										SHR NOM 1.25	
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.40	0.46	0.50	0.53	0.58	0.60	0.62	0.65	0.67
0.50	0.30	0.20	0.35	0.41	0.45	0.48	0.53	0.56	0.58	0.60	0.62
0.00	0.00	0.00	0.30	0.36	0.40	0.43	0.47	0.50	0.52	0.54	0.56

## DIMENSIONS



## LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 28W T5	2600	20,000hrs
1 x 54W T5	3300	20,000hrs

## ORDER CODES – DUO LINE

RECESSED FLUORESCENT FEATURE LIGHTING SYSTEM

SUPPLIED LESS LAMP	HIGH FREQUENCY
1 x 28W T5	<b>DUOLH128</b>
1 x 54W T5	<b>DUOLH154</b>

PLASTERBOARD INSTALLATION KIT

**LUMAFIXBKTKIT** Order separately

GEAR Replace suffix on order codes above, e.g.

**D** Digital DSI Gear, i.e. **DUOLD154**

**Y** Digital DALI Gear, i.e. **DUOLY154**

EMERGENCY Add suffix to order codes above, e.g.

**EMIN** 3 hour integral emergency, i.e. **DUOLH154EMIN**

EASYTEST OPTION Add suffix to luminaire order codes above, e.g.

**/ET** Easytest self test emergency i.e. **DUOLH154/ET**

To specify state:

1 x 28 or 54W T5 IP44 recessed luminaire, with easy to clean Duo Micro-Polymer TP(a) rated polycarbonate diffuser. Steel body finished White (RAL 9010), designed to fit both modular T-bar or plasterboard ceilings. – as Whitecroft Lighting DUO LINE