



Optics

- MIRO 5 zero iridescent semi-specular curved nose louvre
- Lamp options:
 - 600 x 600mm – 3 or 4 x 14/24W T5
 - 500 x 500mm – 3 or 4 x 14W T5
- Can provide compliance with LG7:2005 using only Softcell 3 luminaires to deliver 30% ceiling illuminance ratio and 50% wall illuminance ratio

Body

- 600 x 600mm recessed ceiling mount finished white
- 600mm surface mount finished white
- Perforated steel aerofoil finished white
- One piece colour coded end caps in injection moulded polycarbonate
- Control gear, lamps and emergency pack contained within aerofoil
- Tool free access for maintenance
- Air handling as standard, 20L/sec

softcell 3

Order Codes

Order both Aerofoil and Ceiling Mount for complete luminaire

Softcell 3 Aerofoil	HF Gear	3 hr Emergency
T5 3 x 14W	SOF3W5H314	SOF3W5H314EMIN
T5 4 x 14W	SOF3W5H414	SOF3W5H414EMIN
T5 3 x 24W	SOF3W5H324	SOF3W5H324EMIN
T5 4 x 24W	SOF3W5H424	SOF3W5H424EMIN

Softcell 3 Ceiling Mount

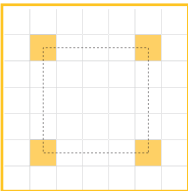
Recessed ceiling mount – exposed T15 Tegular /T25 Lay in	SOF3600XT
Recessed ceiling mount – spring T	SOF3600ST
Surface ceiling mount	SOF3600SM

Options

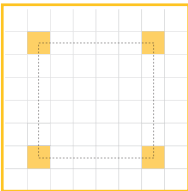
DALI DIMMING	Replace H with Y	i.e. SOF3W5Y314
SWITCH DIMMING	Replace H with X	i.e. SOF3W5X314
COMMAND 4	Replace H with Q4Y	i.e. SOF3W5Q4Y314
EASYTEST	Add suffix /ET	i.e. SOF3W5H314/ET
COMEPS	Add suffix /EP	i.e. SOF3W5H314/EP
COMET	Add suffix /CT	i.e. SOF3W5H314/CT

Performance Guide

Lamps	Illuminance	Spacing	Lamps	Illuminance	Spacing
4 x 14W T5	450 lux	2.4m x 2.4m	4 x 24W T5	500 lux	3.0m x 3.0m

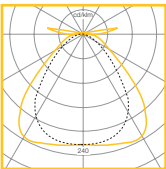


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

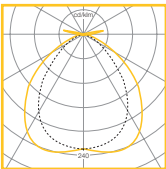


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m

Photometric Performance



3 x 14W T5
• LOR = 57.2%
• SHR MAX = 1.78



4 x 14W T5
• LOR = 63.7%
• SHR MAX = 1.63

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.42 0.55 0.59

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 0.62 0.66

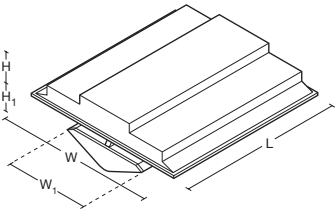
Lamp Performance

Wattage	IL@25°C	Lamp Life
1 x 14W T5	1250	24,000hrs
1 x 24W T5	1750	24,000hrs



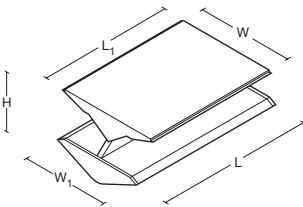
Dimensions

Recessed



Version	L	W	H	H ₁	W ₁	KG	KG
Exposed T	584	584	91	120	295	5.8	6.2
Spring T	599	599	91	120	295	5.8	6.2

Surface



L	W	H	L ₁	W ₁	KG	KG
593	337	206	567	295	5.8	6.2

Ceiling Integration

Refer to common ceiling compatibility matrix – See page 404

Exposed T Grids

T25 Lay in
T15 Tegular

Spring T Grids

SAS – 150/120
Armstrong – Orcal 1800
Burgess – Clip in

To Specify

Architectural T5 600 x 600mm luminaire offering semi-recessed and surface options, all delivering >50% of average working plane illuminance on walls and 30% on ceilings whilst avoiding abrupt luminance change. Curved nose louvre in MIRO 5 material. No disruption to Coanda effect – as Whitecroft Lighting SOFTCELL 3