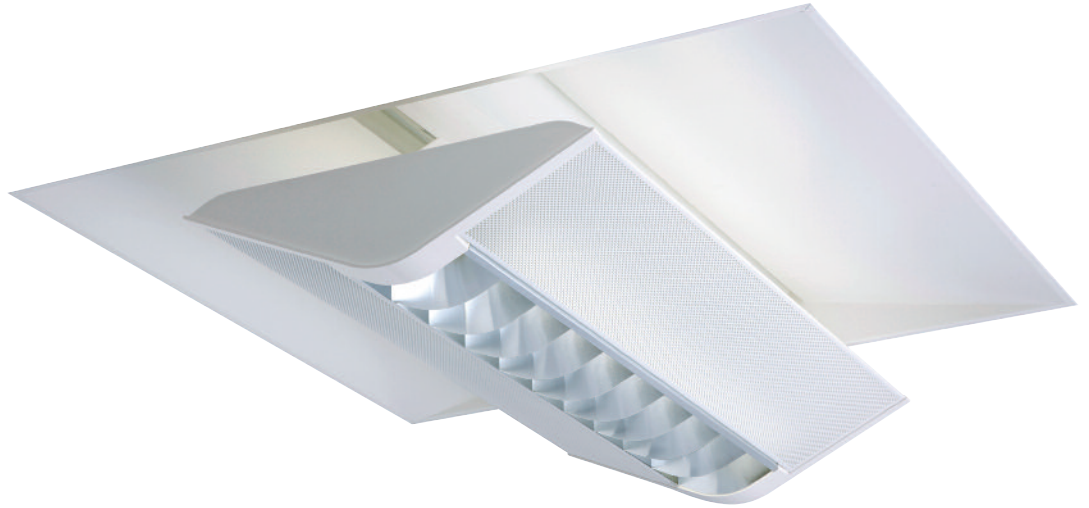




softcell 3

semi-recessed luminaire with direct ceiling illuminance

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 and 500 x 500mm 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, 20 litres per second



softcell 3 600 x 600

> weblink > **SOF3**

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

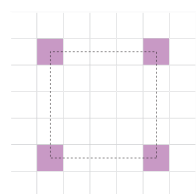
DALI DIMMING	Replace H with Y in order code	i.e. SOF3W5 Y 314
DSI DIMMING	Replace H with D in order code	i.e. SOF3W5 D 314
SWITCH DIMMING	Replace H with X in order code	i.e. SOF3W5 X 314
COMMAND 4	Replace H with Q4Y in order code	i.e. SOF3W5 Q4Y 314
EASYTEST	Add suffix /ET to order code	i.e. SOF3W5H314/ ET
COMET	Add suffix /CT to order code	i.e. SOF3W5H314/ CT

LAMP PERFORMANCE

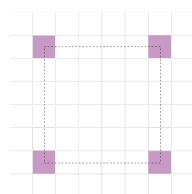
Wattage	IL@25°C	Lamp Life
1 x 14W T5	1200	24,000hrs
1 x 24W T5	1750	24,000hrs

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

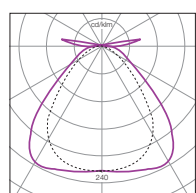


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
2.7m
Working Plane:
0.8m



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

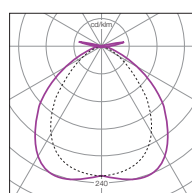
PHOTOMETRIC PERFORMANCE



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

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



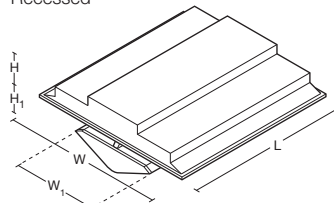
4 x 14W T5
• LOR = 63.7%
• SHR MAX = 1.63

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.47	0.62	0.66

DIMENSIONS

Recessed

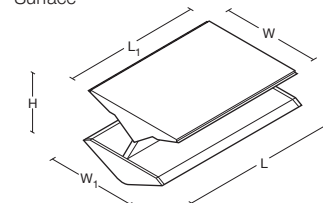


Version	L	W	H	H ₁	W ₁	KG	KG
---------	---	---	---	----------------	----------------	----	----

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 310

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 600 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

softcell 3 500 x 500

> weblink > **SOF3**

ORDER CODES

Order both Aerofoil and Ceiling Mount for complete luminaire

Softcell 3 Aerofoil	HF Gear	3 hr Emergency
T5 3 x 14W	SOF35W5H314	SOF35W5H314EMIN
T5 4 x 14W	SOF35W5H414	SOF35W5H414EMIN

Softcell 3 Ceiling Mount

Recessed ceiling mount – exposed T15 Tegular/T25 Lay in	SOF3500XT
---	------------------

Options

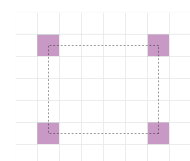
DALI DIMMING	Replace H with Y in order code	i.e. SOF35W5 Y 314
DSI DIMMING	Replace H with D in order code	i.e. SOF35W5 D 314
SWITCH DIMMING	Replace H with X in order code	i.e. SOF35W5 X 314
COMMAND 4	Replace H with Q4Y in order code	i.e. SOF35W5 Q4Y 314
EASYTEST	Add suffix /ET to order code	i.e. SOF35W5H314/ ET
COMET	Add suffix /CT to order code	i.e. SOF35W5H314/ CT

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 14W T5	1200	24,000hrs

PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
4 x 14W T5	490 lux	2.5m x 2.0m



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

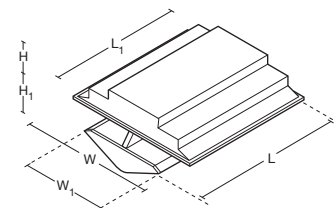
CEILING INTEGRATION

Refer to common ceiling compatibility matrix – See page 310

Exposed T Grids

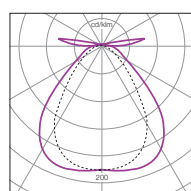
T25 Lay in
T15 Tegular

DIMENSIONS

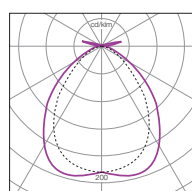


L	W	H	L ₁	W ₁	H ₁	KG	KG
593	484	91	484	295	120	4.9	5.3

PHOTOMETRIC PERFORMANCE



3 x 14W T5
• LOR = 56.4%
• SHR MAX = 1.63



4 x 14W T5
• LOR = 60%
• 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	0.40	0.53	0.56

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.45	0.58	0.61

TO SPECIFY

Architectural semi-recessed 500 x 500 T5 luminaire 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

The
co-operative
legal services

