

duo² side optic

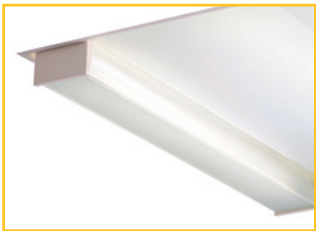
Order Codes

Duo Micro Prism Optic T5 4 x 14W	HF Gear D2SH414PXT	3 hr Emergency D2SH414PXTEM
Duo Living Louvre T5 4 x 14W	HF Gear D2SH414VXT	3 hr Emergency D2SH414VXTEM
Duo Semi-Specular Louvre T5 4 x 14W	HF Gear D2SH414WXT	3 hr Emergency D2SH414WXTEM

Options

DALI/SWITCH DIMMING	Replace H with C	i.e. D2SC414PXT
EASYTEST	Add suffix /ET	i.e. D2SH414PXT/ET
COMEPS	Add suffix /EP	i.e. D2SH414PXT/EP
COMET	Add suffix /CT	i.e. D2SH414PXT/CT
PREPARED APERTURE/ SPRING T INTEGRATION*	Replace XT with ST	i.e. D2SH414PST
CEILING INTEGRATION	Bracket kit for pull up	DUO600BKTKIT

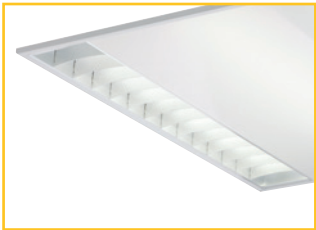
* For specific Spring T ceilings only. See Ceiling Integration Guide



Micro Prism Optic (Lowered)



Semi-Specular Louvre



Living Louvre

Ceiling Integration

Refer to common ceiling compatibility matrix – See page 404

Exposed T Grids

T25 Lay in
T15 Lay in
T15 Tegular (Bracket kit required)

Spring T Grids (add ST)

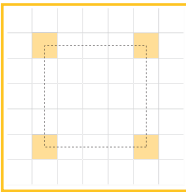
SAS – 150
Armstrong – Orcal 3000
Burgess – Clip in / A bar
Armstrong – Orcal 1800 Half Spring T
Burgess Clip in Half Spring T

Plasterboard (Add ST)

Prepared aperture

Performance Guide

Lamps	Illuminance	Spacing
4 x 14W T5	550 lux	2.4m x 2.4m

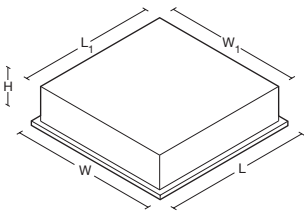


Maintenance: 0.8
Reflectance: 70/50/20
Ceiling Height: 2.7m
Working Plane: 0.8m

Lamp Performance

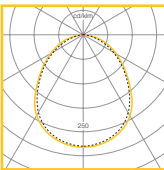
Wattage	IL@25°C	Lamp Life
1 x 14W T5	1250	24,000hrs

Dimensions



Version	L	W	H	L ₁	W ₁	Prepared Aperture	KG	KG
Exposed T	593	593	103	575	575	–	4.9	5.9
Plasterboard/Spring T	599	599	103	575	575	587 x 587 $\begin{smallmatrix} -0 \\ +5 \end{smallmatrix}$	4.9	5.9

Photometric Performance

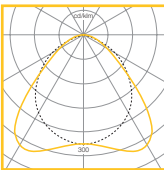


4 x 14W T5
Micro Prism
• LOR* = 70.1 (71.5)%
• SHR MAX = 1.56

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.51 0.69 0.74

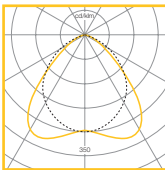
*Cell in recessed position – Figures in brackets cell in lowered position



4 x 14W T5
Living Louvre
• LOR = 72.8%
• SHR MAX = 1.77

Utilisation Factors UF(F)

Room Reflectance	Room Index
C W F	1.00 3.00 5.00
0.70 0.50 0.20	0.50 0.71 0.76



4 x 14W T5
Semi-Specular
• LOR = 72.2%
• SHR MAX = 1.74

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 0.71 0.76

To Specify

Recessed T5 600 x 600mm 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 2 optical cells with (Micro Prisms / Living Louvre / Semi Spec Louvre) to control light and reduce glare – as Whitecroft Lighting DUO²