

duo² 1200 x 300 linear

Order Codes

Duo Micro Prism Optic

T5 1 x 28W

T5 1 x 54W

HF Gear

D2CH128PST

D2CH154PST

3 hr Emergency

D2CH128PSTEM

D2CH154PSTEM

Duo Living Louvre

T5 1 x 28W

T5 2 x 28W

T5 1 x 54W

T5 2 x 54W

HF Gear

D2CH128VST

D2CH228VST

D2CH154VST

D2CH254VST

3 hr Emergency

D2CH128VSTEM

D2CH228VSTEM

D2CH154VSTEM

D2CH254VSTEM

Duo Semi-Specular Louvre

T5 1 x 28W

T5 2 x 28W

T5 1 x 54W

T5 2 x 54W

HF Gear

D2CH128WST

D2CH228WST

D2CH154WST

D2CH254WST

3 hr Emergency

D2CH128WSTEM

D2CH228WSTEM

D2CH154WSTEM

D2CH254WSTEM

Duo Micro Prism Optic (Fixed)

T5 1 x 25/28W

T5 ECO 1 x 50W

T5 2 x 25/28W

T5 ECO 2 x 50W

HF Gear

D2FH128PST

D2FH154PST

D2FH228PST

D2FH254PST

3 hr Emergency

D2FH128PSTEM

D2FH154PSTEM

D2FH228PSTEM

D2FH254PSTEM

Options

DALI / SWITCH DIMMING Replace H with C

i.e. D2CC128PST

EASYTEST Add suffix /ET

i.e. D2CH128PST/ET

COMEPS Add suffix /EP

i.e. D2CH128PST/EP

COMET Add suffix /CT

i.e. D2CH128PST/CT



Living Louvre



Micro Prism Optic (Fixed)

Lamp Performance

Wattage	IL@25°C	Lamp Life	Wattage	IL@25°C	Lamp Life
1 x 28W T5	2625	24,000hrs	1 x 25W T5	1650	21,000hrs
1 x 54W T5	4450	24,000hrs	1 x 50W T5	4400	24,000hrs

Ceiling Integration

Refer to common ceiling compatibility matrix – See page 404

Spring T Grids (add ST)

SAS – 150

Armstrong – Orcal 3000

Burgess – Clip in / A bar

Armstrong – Orcal 1800 Half Spring T

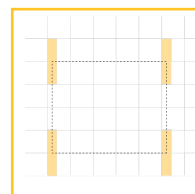
Burgess Clip in Half Spring T

Plasterboard

Prepared aperture

Performance Guide

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



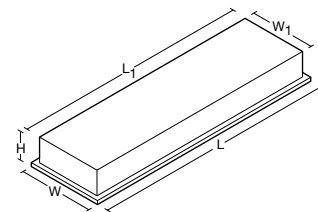
Maintenance: 0.8

Reflectance: 70/50/20

Ceiling Height: 2.7m

Working Plane: 0.8m

Dimensions

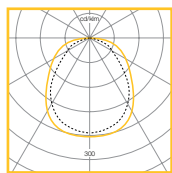


MP/LL/SSL*	L	W	H	L ₁	W ₁	Prepared Aperture	KG	KG
Plasterboard/Spring T	1199	299	123	1175	275	285 x 1187 ± 0	8.1	9.1

Micro Prism Fixed	L	W	H	L ₁	W ₁	Prepared Aperture	KG	KG
Plasterboard/Spring T	1199	299	103	1175	281	285 x 1187 ± 0	8.6	9.5

* Micro Prism Optic (MP), Living Louvre (LL), Semi-Specular Louvre (SSL)

Photometric Performance

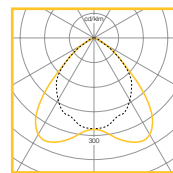


1 x 28W T5
Micro Prism
• LOR* = 67.1
(75.0)%
• SHR MAX = 1.53

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

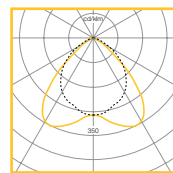
*Cell in recessed position – Figures in brackets cell in lowered position



1 x 28W T5
Living Louvre
• LOR = 72.4%
• 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 = 69.6%
• 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 1200 x 300mm luminaire with dual optic configuration and air return facility. Incorporating Intermediate Brightness Zone element to diffuse light and graduate brightness across the ceiling and 1 optical cell with (Micro Prisms / Living Louvre / Semi Spec Louvre) to control light and reduce glare – as Whitecroft Lighting DUO²