



Vivant™ 500 x 500 – T5

MOTIVATION

LG3:2001 – Vivant in 600 x 600mm mode, has been a huge success in creating motivational office environments by eliminating distracting and depressing shadows. Vivant recognises that people are the biggest cost of any organisation and delivers a motivational space beneficial to productivity and staff retention. Vivant assists in the best possible compliance with LG3:2001 at ceiling

heights where a major projection below the ceiling line is deemed undesirable. In order to suit 3m building grids, it is now available in a 500 x 500mm module.

APPLICATION

Commercial

- Compatible with anti – reflective class 1 or 2 screens regardless of software polarity (virtually all screens in use)
- Commercial offices
- Conference rooms
- Board rooms
- Receptions
- Circulation areas

Retail

- Ambient lighting in department stores
- Banks, both customer and back of house
- Other high street service providers
- Car showrooms

SPECIFICATION

Body

- Suitable for T15 and T25 exposed T
- Only 100mm void depth needed to install on T15
- Lamp options
 - 2 x 24W T5
 - 4 x 14W T5
 - 2 x 36W TC-L
- Body 0.8mm gauge zintec steel
- Two luminance profiler options, lift (solid) and matrix (perforated)
- Finished RAL 9010 30% gloss
- High frequency or high frequency regulating gear
- Push out ceiling suspension brackets
- 3 hour remote emergency
- L.O.R. on
 - 2 x 24W – 0.64
 - 4 x 14W – 0.54
 - 2 x 36W – 0.53
- Air handling as standard 40 litres per second
- Supplied less lamps (4000°K recommended)

Living louvre

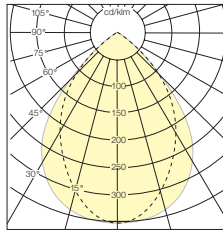
- Concave diamond section injection moulded louvre – 11 blades
- Cat 2.1000, suitable for all modern anti-reflective screens
- Shimmer effect vacuum metalised blades
- Positively retained
- Non-fingerprinting



PROJECT LIGHTING SOLUTIONS

In addition to our standard product offer, we are able to supply a range of additional options to satisfy needs on major project applications. This luminaire is only available for large projects, please contact our sales office for details.

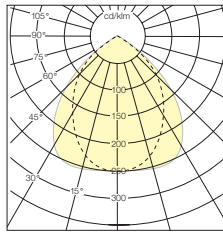
Vivant™ 500 x 500
MATRIX PROFILER
2 x 24W T5 lamps



- SHR MAX = 1.43
- LOR = 0.64

UTILISATION FACTORS UF(F)		SHR NOM = 1.25									
Room Reflectance Room Index											
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	0.44	0.50	0.54	0.57	0.61	0.63	0.65	0.67	0.68
0.50	0.30	0.20	0.40	0.46	0.50	0.53	0.56	0.59	0.61	0.63	0.64
0.00	0.00	0.00	0.36	0.41	0.45	0.48	0.51	0.53	0.55	0.57	0.58

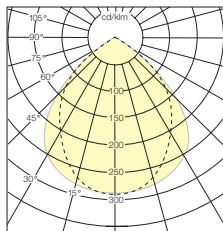
Vivant™ 500 x 500
LIFT PROFILER
2 x 36W TCL lamps



- SHR MAX = 1.67
- LOR = 0.53

UTILISATION FACTORS UF(F)		SHR NOM = 1.50									
Room Reflectance Room Index											
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	0.38	0.42	0.46	0.48	0.51	0.53	0.54	0.56	0.57
0.50	0.30	0.20	0.34	0.38	0.42	0.44	0.47	0.49	0.51	0.52	0.54
0.00	0.00	0.00	0.31	0.35	0.38	0.40	0.43	0.45	0.46	0.47	0.48

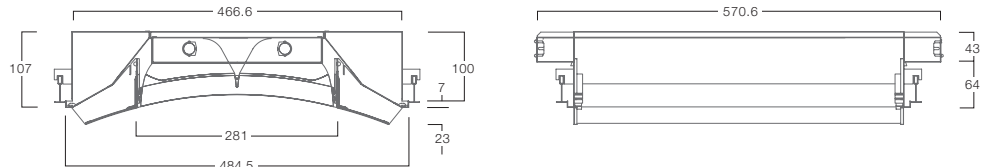
Vivant™ 500 x 500
MATRIX PROFILER
4 x 14W T5 lamps



- SHR MAX = 1.66
- LOR = 0.54

UTILISATION FACTORS UF(F)		SHR NOM = 1.50									
Room Reflectance Room Index											
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	0.40	0.44	0.47	0.49	0.52	0.54	0.55	0.57	0.58
0.50	0.30	0.20	0.36	0.40	0.43	0.45	0.48	0.50	0.51	0.53	0.54
0.00	0.00	0.00	0.33	0.36	0.39	0.41	0.44	0.45	0.47	0.48	0.49

DIMENSIONS



LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	TOTAL CIRCUIT WATTS	LUMENS PER CIRCUIT WATT	LAMP LIFE TO 50% FAILURE
4 x 14W T5 HE	4800	64	75	20000
2 x 24W T5 HO	3500	51	69	20000
2 x 36W TC-L	5800	74	78	20000

- Recommended scheduled lamp replacement at 80% of rated life = 16000 hours
- Office applications (2.7m ceiling, MF 0.80)
 - 2 x 24W T5 gives 418 lux (3 metre chequerboard layout)
 - 401 lux (2.5 x 2.0m spacing)
 - 4 x 14W T5 gives 480 lux (3 metre chequerboard layout)
 - 461 lux (2.5 x 2.0m spacing)
- Retail applications
 - 2 x 36W TC-L gives 669 lux (2.0 x 2.0m spacing)

Vivant™ 500 x 500

ORDER CODES

RECESSED T5: The advanced architectural lighting solution for 3m building grids

LIFT PROFILER (SOLID)	MATRIX PROFILER (PERFORATED)	LAMPS
VIV5L224	VIV5M224	2 X 24W T5 HO
VIV5L414	VIV5M414	4 X 14W T5 HE
VIV5L236	VIV5M236	2 X 36W TC-L

REGULATING GEAR Add suffix to order codes above

/HFR – insert at end of above product codes before any emergency suffix e.g. VIV5L224HFR or VIV5L224HFRMIN

EMERGENCY Add suffix to order codes above

/EMIN – 3 hour maintained fully integral emergency for all versions, e.g. VIV5L224EMIN

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To specify state:

Semi-recessed architectural T5 500 x 500mm luminaire with an 11 blade diamond section 30mm deep and 7mm thick vacuum metallised polycarbonate living louvre. The luminaire is to be concave on the front face on a continuous radius of 551.5mm. Luminance profilers are not to project more than 23mm below the ceiling line, but the luminaire is to deliver a smoothly graduated wall wash on all four walls and light spill on the ceiling – as Whitecroft Lighting VIVANT™ 500 x 500.