

vivant™ motivation

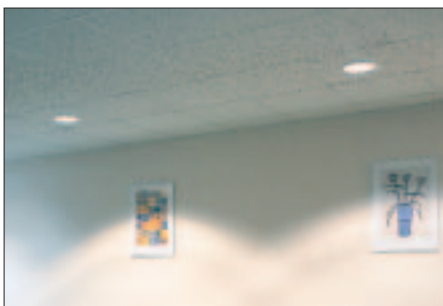
Recessed fluorescent: Advanced T5 architectural lighting solution

Vivant is French for living or alive. Vivant™ the product has been developed with these emotions in mind and has set a new direction for interior lighting. It enhances the environment by minimising distracting contrasts and maximising visual comfort

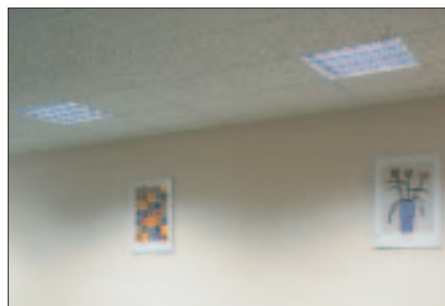
Living Luminance Technology™ is the heart of Vivant™ adding life into and projecting light onto the ceiling. This, new and exciting technology has been developed in conjunction with over 50 leading lighting specifiers



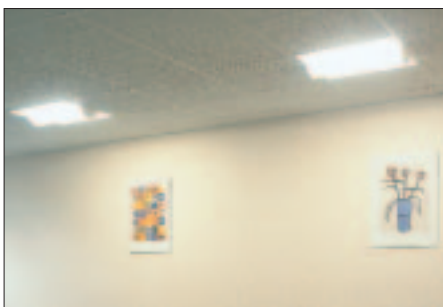
A typical compact fluorescent downlight showing a sharp cut off on the walls and a dark ceiling



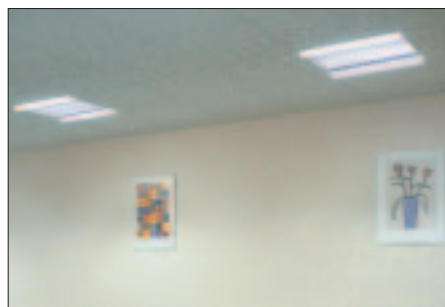
A typical Cat 2 louvred product showing a sharp cut off on the walls and a dark ceiling



A typical recessed basket luminaire is non LG3 in open plan offices. Sharp contrast between luminaire and ceiling is apparent and the basket can be visually intrusive



Vivant™ with 'lift' profiler showing walls smoothly washed and the luminaire edge softened. The space comes to life and visual comfort is maximised





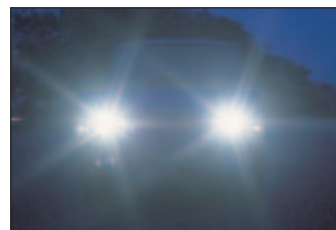
LIVING LOUVRE

Vivant's concave louvre blades add lift and create visual interest to relieve the oppressive flatness of the ceiling. Finished in a special shimmering metallised finish the louvre gives the ceiling a feeling of life



GLARE CONTROL

The optical system incorporates a reflector with intermediate brightness zones (IBZ). Each having a brightness within a ratio of 5:1 compared to it's neighbour. This reduces the need for the human eye to continuously adapt, further maximising visual comfort and solving the glare problems associated with T5 and TC-L lamps

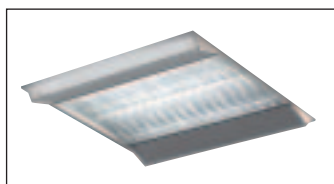


The example of the car headlights sums up the principle behind the Vivant™ optic. If there is more background brightness around a light source then the source itself doesn't look as bright. Glare is therefore reduced which is a common cause of visual discomfort in modern offices

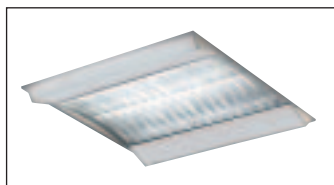


LUMINANCE PROFILERS

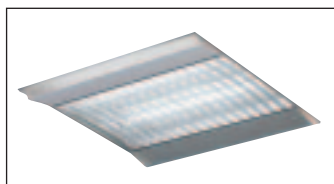
Luminance Profilers deliver a smoothly, graduated wall wash and light spill onto the ceiling despite a projection into the room of only 28mm. The material of the profilers can be specified to create different levels of ceiling luminance and add visual interest whilst the design allows quick and easy cleaning



"Lift" profiler LG3 2.500



"Blend" profiler LG3 2.1000



"Matrix" profiler LG3 2.1000

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Recessed fluorescent: Advanced T5 architectural lighting solution



APPLICATION

Commercial

- Lighting for computer screen areas, Cat 2.500 and 2.1000 versions
- Commercial offices
- Circulation areas
- Receptions
- Conference rooms
- Board rooms

Retail

- Ambient lighting in department stores
- Banks, both customer and back of house
- Other high street service providers: e.g.
 - Building societies
 - Travel agents
 - Job centres
- Car showrooms

SPECIFICATION

Body

- Body compatible with these ceiling types:
 - Exposed T 25mm and 15mm flat
 - 15mm Tegular
 - 15mm Decorative
 - Spring Tee
 - Cut aperture (plasterboard)
- Lamp options:
 - 2 x 24W T5
 - 4 x 14W T5
 - 2 x 36 TC-L (500 x 500 only)
 - 2 x 55W TC-L
- Body:
 - 0.7mm gauge steel
 - Finished to RAL 9010
- High frequency gear or high frequency dimming gear as standard
- Fused terminal block
- Push out ceiling suspension/centralisation tabs
- 3 hour integral maintained emergency option
- Air handling as standard 30 litres per second
- Supplied without lamps

Optics

Luminance profilers

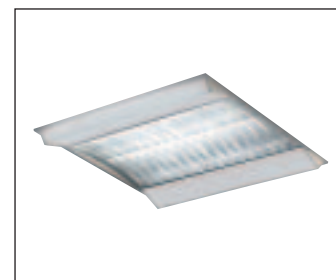
- Lift: Solid steel (RAL 9010)
- Blend: Translucent opal (850°C hot wire test, low static, non toxic in fire)
- Matrix: Perforated steel (RAL 9010)

Living louvre

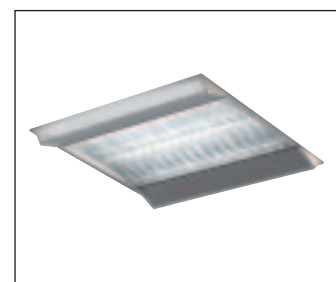
- Concave injection moulded louvre, 17 blades
- Shimmer effect vacuum metallised blades
- Intermediate brightness zone glare control system
- Positively retained louvre

Options

-  Easytest – integral self test version available see page 181
-  Command 3 – intelligent integrated lighting control system optional see page 197



"Blend" profiler LG3 2.1000



"Lift" profiler LG3 2.500

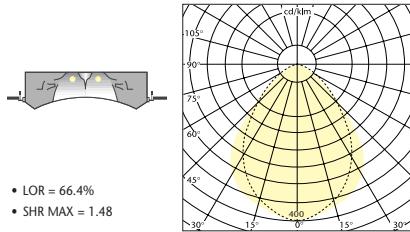


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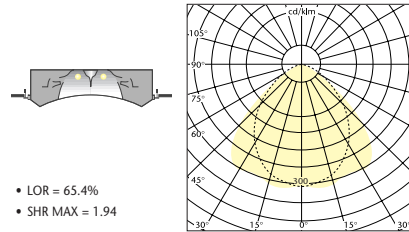
PHOTOMETRY

Vivant™ MATRIX PROFILER 2x24W T5 Lamps



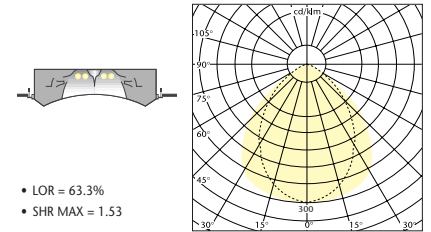
UTILISATION FACTORS UF(F)		SHR NOM=1.25									
Room Reflectance Room Index		C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.46	0.53	0.57	0.59	0.63	0.66	0.67	0.70	0.71
0.50	0.30	0.20	0.42	0.48	0.52	0.55	0.59	0.61	0.63	0.65	0.67
0.00	0.00	0.00	0.37	0.43	0.47	0.50	0.53	0.56	0.57	0.59	0.60

Vivant™ MATRIX PROFILER 2x55W TC-L Lamps



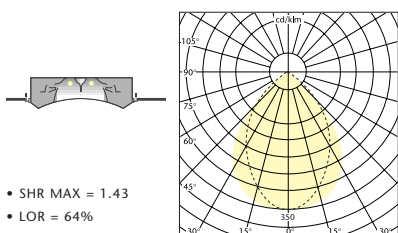
UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance Room Index		C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.46	0.51	0.56	0.59	0.62	0.65	0.66	0.69	0.70
0.50	0.30	0.20	0.42	0.47	0.51	0.54	0.58	0.60	0.62	0.64	0.66
0.00	0.00	0.00	0.37	0.42	0.46	0.49	0.52	0.55	0.56	0.58	0.60

Vivant™ MATRIX PROFILER 4 x 14W T5 Lamps



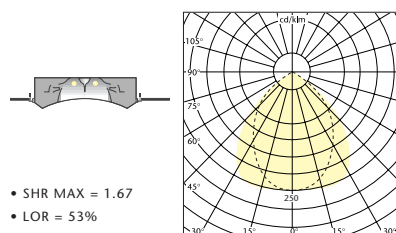
UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance Room Index		C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00
0.70	0.50	0.20	0.46	0.51	0.55	0.58	0.61	0.63	0.65	0.67	0.68
0.50	0.30	0.20	0.42	0.47	0.51	0.53	0.57	0.59	0.61	0.63	0.64
0.00	0.00	0.00	0.38	0.43	0.46	0.49	0.52	0.54	0.55	0.57	0.58

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



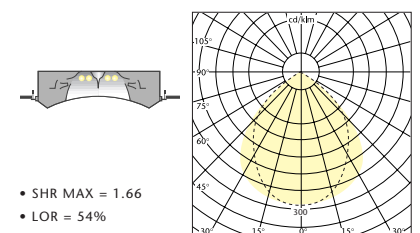
UTILISATION FACTORS UF(F)		SHR NOM = 1.25									
Room Reflectance Room Index		C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0
0.70	0.50	0.20	0.44	0.50	0.54	0.57	0.61	0.63	0.65	0.67	0.68
0.50	0.30	0.20	0.40	0.46	0.50	0.53	0.56	0.59	0.61	0.63	0.64
0.00	0.00	0.00	0.36	0.41	0.45	0.48	0.51	0.53	0.55	0.57	0.58

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



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
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



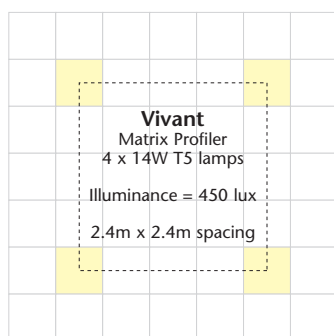
UTILISATION FACTORS UF(F)		SHR NOM = 1.50									
Room Reflectance Room Index		C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0
0.70	0.50	0.20	0.40	0.44	0.47	0.49	0.52	0.54	0.55	0.57	0.58
0.50	0.30	0.20	0.36	0.40	0.43	0.45	0.48	0.50	0.51	0.53	0.54
0.00	0.00	0.00	0.33	0.36	0.39	0.41	0.44	0.45	0.47	0.48	0.49

LAMP PERFORMANCE MATRIX

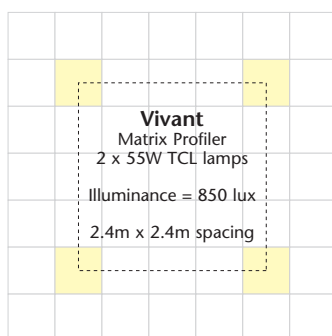
WATTAGE	IL@25°C	LAMP LIFE
1 x 14W T5	1200	20,000
1 x 24W T5	1750	20,000
1 x 36W TC-L	2900	10,000
1 x 55W TC-L	4800	10,000



PERFORMANCE GUIDES

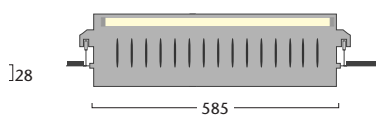
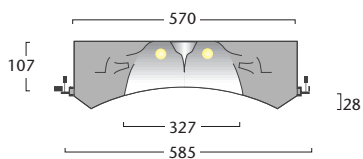


Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working Plane	0.8m

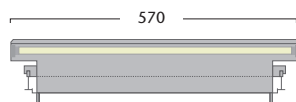
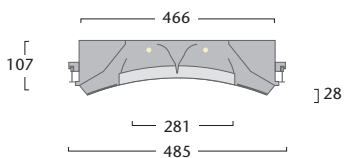


Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	4.0m
Working Plane	0.8m

DIMENSIONS AND WEIGHT



LAMP WAYS	WEIGHT KG
600 x 600	7.5
+ EMERGENCY	8.5



LAMP WAYS	WEIGHT KG
500 x 500	7.0
+ EMERGENCY	8.0

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ORDER CODES – VIVANT

ADVANCED T5 ARCHITECTURAL LIGHTING SOLUTION

VIVANT™ OFFICE LG3 2.500

SUPPLIED LESS LAMP	GEAR	LIFT PROFILER	BLEND PROFILER	MATRIX PROFILER
2 x 24W T5	High Frequency	VIVL224	–	–
	High Frequency Analogue Dimming	VIVL224HFR	–	–



Either positive display e.g. Windows software or anti reflective treatment on screen. Typical PC's

VIVANT™ OFFICE LG3 2.1000

SUPPLIED LESS LAMP	GEAR	LIFT PROFILER	BLEND PROFILER	MATRIX PROFILER
2 x 24W T5	High Frequency	–	VIVB224	VIVM224
	High Frequency Analogue Dimming	–	VIVB224HFR	VIVM224HFR
4 x 14W T5	High Frequency	VIVL414	VIVB414	VIVM414
	High Frequency Analogue Dimming	VIVL414HFR	VIVB414HFR	VIVM414HFR



To be used where both of the above apply. Typical PC's

VIVANT™ RETAIL NON LG3

SUPPLIED LESS LAMP	GEAR	LIFT PROFILER	BLEND PROFILER	MATRIX PROFILER
2 x 55W TC-L	High Frequency	VIVL255	VIVB255	VIVM255
	High Frequency Analogue Dimming	VIVL255HFR	VIVB255HFR	VIVM255HFR



Retail environments

VIVANT™ 500 X 500

SUPPLIED LESS LAMP	GEAR	LIFT PROFILER		MATRIX PROFILER
2 x 24W T5	High Frequency	VIV5L224	–	VIV5M224
4 x 14W T5	High Frequency	VIV5L414	–	VIV5M414
2 x 36W TC-L	High Frequency	VIV5L236	–	VIV5M236



OPTIONS Add suffix to order codes

ST Suitable for Spring Tee and plasterboard ceilings, i.e. VIVL224**ST**

COMMAND 3 Add suffix to order codes above

C Intelligent integrated lighting control system, i.e. VIVL224**C**

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency, i.e. VIVL224**EMIN**

EASYTEST OPTION Add suffix to order codes above

/ET  Integral self autotest, i.e. VIVL224**/ET**

To specify state:

Semi-recessed architectural 600 x 600 (500 x 500) luminaire with a concave metallised living louvre and (lift/blend/matrix) luminance profilers projecting 28mm below the ceiling delivering light spill on the ceiling and a smoothly graduated wall wash. Optic to incorporate intermediate brightness zones for maximum visual comfort – as Whitecroft Lighting VIVANT™

QuickLink

VIV

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vivantTM mist

Recessed fluorescent: T5 Architectural diffuser luminaire

APPLICATION

Vivant Mist caters for those specifiers who prefer complete lamp concealment whilst maintaining the Vivant aesthetic. It is particularly suitable for:

- Office break out areas
- Ambient retail lighting
- Corridors
- Conference rooms
- Boardrooms



SPECIFICATION

- Lamp options:
 - 4 x 14W T5 lamps

Body

- Body compatible with these ceiling types:
 - Exposed Tee 25mm and 15mm flat
 - 15mm Tegular
 - 15mm Decorative
 - Spring Tee
 - Cut aperture (plasterboard)

- Body:
 - 0.7mm gauge steel
 - Finished to RAL 9010
- High frequency or analogue dimming gear as standard
- Fused terminal block
- Push out ceiling suspension brackets
- 3 hour integral maintained emergency
- Supplied without lamps

Optics

- Perforated steel Matrix profiler (RAL 9010)
- Positively retained opal polycarbonate TP(a) diffuser laterally ribbed on the inner face and is curved to match the luminance profiler radius

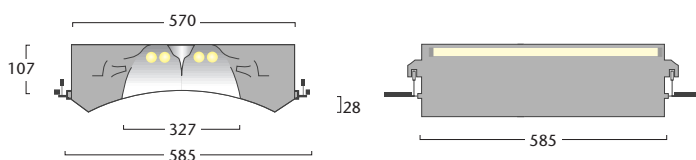
Options

-  Easytest – integral self test version available see page 181

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 14W T5	1200	20,000

DIMENSIONS



ORDER CODES – VIVANT MIST

ARCHITECTURAL DIFFUSER LUMINAIRE

SUPPLIED LESS LAMP	HIGH FREQUENCY	ANALOGUE DIMMING
4 x 14W T5	VIVMP414	VIVMP414HFR

OPTIONS Add suffix to order code

ST Suitable for Spring T and plasterboard ceilings, i.e. VIVMP414**ST**

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency, i.e. VIVMP414**EMIN**

EASYTEST OPTION Add suffix to order code above

/ET  Integral self autotest, i.e. VIVMP414/**ET**

To specify state:

Architectural semi recessed 600 x 600, 4 x 14W T5 luminaire with laterally ribbed opal polycarbonate TP(a) diffuser, curved to match luminance profiler radius and projecting only 28mm below the ceiling. Delivering light spill on the ceiling and a smoothly graduated wall wash – as Whitecroft Lighting VIVANTTM MIST

QuickLink

VIVM

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