

oasis

Suspended: Architectural T8 and TC-L fluorescent system

APPLICATION

- Offices
- Reception areas
- Corridors
- Conference rooms
- Board rooms

SPECIFICATION

Body

- Lamp options:
 - 1 x 36W T8
 - 1 x 58W T8
 - 2 x 55W TC-L
- Individual or continuously mounted
- Power entry from ceiling into back of luminaire
- Body: Extruded aluminium
- End caps: Pressure die cast aluminium (specify separately)
- Ceiling rose cover: Injection moulded polycarbonate
- Colours: White RAL 9010
- Variable corner joint – locks at any angle between 90° and 270°
- High frequency or high frequency dimming gear as standard
- Fully integral emergency versions
- Internal wire-way for through wiring when continuously mounted
- Supplied less lamps

Optics

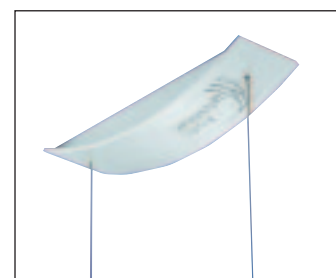
- Choice of light output ratios:
 - 10% up 90% down
 - 30% up 70% down
 - 60% up 40% down
 (Choice of lamp position provides 30:70 or 60:40 spilt options)
- MIRO 6 – zero iridescence semi-specular louvre
- Louvre edge curved to match body profile
- Perimeter flange reduces light spill
- Full depth profile end caps
- Positive retention – leaf springs

Suspension

- Twin adjustable stainless steel wire suspension included (1.5m drop standard)

Options

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



Ceiling mounting detail



Easy installation



Positively retained louvre



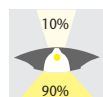
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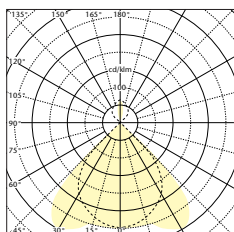
PHOTOMETRY

Oasis® 10:90

LG3 CAT 2
1 x 58W T8 Lamp



- SHR MAX = 1.78
- DLOR = 59.7%
- ULOR = 7.6%



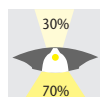
UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	N/A	0.59	0.62	0.64	0.66	0.68	0.69	0.71	0.72
0.50	0.30	0.20	N/A	0.55	0.57	0.59	0.61	0.63	0.64	0.65	0.66
0.00	0.00	0.00	N/A	0.50	0.52	0.53	0.55	0.56	0.56	0.57	0.58

CONVERSION TERMS

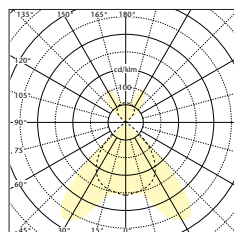
Lamp wattage	36W	58W
UF and PC	0.98	1.00

Oasis® 30:70

LG3 CAT 2
1 x 58W T8 Lamp



- SHR MAX = 1.91
- DLOR = 50.2%
- ULOR = 26.9%



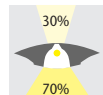
UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	N/A	0.57	0.60	0.64	0.67	0.69	0.71	0.73	0.74
0.50	0.30	0.20	N/A	0.50	0.53	0.56	0.59	0.61	0.62	0.64	0.65
0.00	0.00	0.00	N/A	0.41	0.43	0.44	0.45	0.46	0.47	0.48	0.48

CONVERSION TERMS

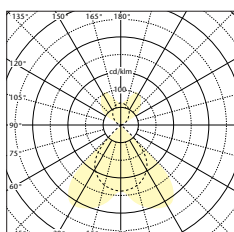
Lamp wattage	36W	58W
UF and PC	0.98	1.00

Oasis® 30:70

LG3 CAT 2
2 x 55W TC-L Lamps



- SHR MAX = 1.92
- DLOR = 45%
- ULOR = 28.5%



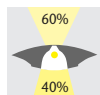
UTILISATION FACTORS UF(F)		SHR NOM=1.75									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	N/A	0.54	0.57	0.59	0.63	0.65	0.67	0.69	0.70
0.50	0.30	0.20	N/A	0.46	0.49	0.51	0.54	0.56	0.58	0.59	0.61
0.00	0.00	0.00	N/A	0.37	0.38	0.39	0.41	0.42	0.42	0.43	0.43

CONVERSION TERMS

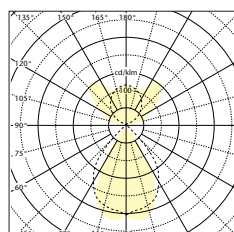
Lamp wattage	40W	55W
UF and PC	1.02	1.00

Oasis® 60:40

LG3 CAT 2
1 x 58W T8 Lamp



- SHR MAX = 0.000
- DLOR = 34.3%
- ULOR = 44.1%

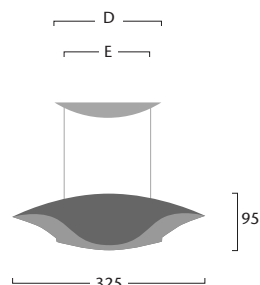


UTILISATION FACTORS UF(F)		SHR NOM=N/A									
Room Reflectance		Room Index									
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.42	0.48	0.52	0.55	0.60	0.62	0.64	0.67	0.68
0.50	0.30	0.20	0.34	0.39	0.42	0.45	0.48	0.50	0.52	0.54	0.56
0.00	0.00	0.00	0.23	0.26	0.27	0.28	0.29	0.30	0.32	0.32	0.32

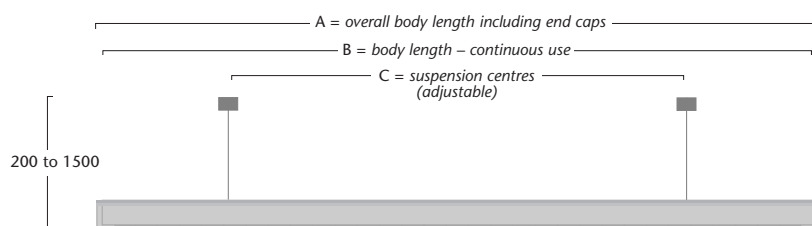
CONVERSION TERMS

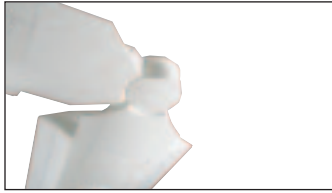
Lamp wattage	36W	58W
UF and PC	0.98	1.00

DIMENSIONS

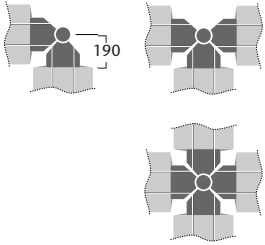


LAMP WAYS	LONGITUDINAL DIMENSIONS			FIXING CENTRE E	WEIGHT KG
	A	B	C		
1 x 36W	1261	1309	800	200	13.0 max
1 x 58W	1561	1609	1000	200	
2 x 55W	1175	1223	800	200	





2-way corner assembly with end caps



ORDER CODES – OASIS

SUSPENDED ARCHITECTURAL FLUORESCENT LUMINAIRE

LIGHT OUTPUT RATIO	SUPPLIED LESS LAMP	HIGH FREQUENCY GEAR	LOUVRE	HIGH FREQUENCY ANALOGUE DIMMING GEAR
30% 30% Up 70% Down	1 x 36W T8 1 x 58W T8 2 x 55W TC-L	OABW5H136 OABW5H158 OABW5H255	Semi Specular	OABW5R136 OABW5R158 OABW5R255



60% Up
40% Down

Choice of lamp position provides 70:30 or 40:60 spill options

10% 10% Up 90% Down	1 x 36W T8 1 x 58W T8 2 x 55W TC-L	OABW5H13690 OABW5H15890 OABW5H25590	Semi Specular	OABW5R13690 OABW5R15890 OABW5R25590
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WALL MOUNTED OASIS Order separately – see page 157



1 x 40W TC-L 1 x 55W TC-L	OAGW5H140 OAGW5H155	Semi Specular
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SYSTEM COMPONENTS Order separately

OAC2	2-way corner assembly	OAEC	A set of 2 end caps
OAC3	3-way corner assembly		
OAC4	4-way corner assembly		

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency, i.e. **OABW5H136EMIN**

EASYTEST OPTION Add suffix to order code above

/ET  Integral self autotest, i.e. **OABW5H136/ET**

COMMAND 3 

Substitute suffix C in place of the H in the order codes above

C Intelligent integrated lighting control system, i.e. **OABW5C136**

Note: The order codes above include relevant body complete with louvre, suspension kit and continuous mounting kit

INDIVIDUAL MOUNTING

A set of 2 outer end caps **must** also be ordered separately

CONTINUOUS MOUNTING

Relevant corner components **must** be ordered separately

END CAPS AND CORNER JUNCTIONS

Please ensure end caps and corner junctions are specified during the system design

If any clarification is required please contact Whitecroft Lighting Technical Department

To specify state:

Suspended fluorescent luminaire system with direct/indirect lighting ratio 10% up–90% down/30% up–70% down/60% up – 40% down. Extruded aluminium body and cast aluminium end caps <95mm in depth. Cat 2 louvre with curved edge blade following body profile – as Whitecroft Lighting OASIS

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 36W T8	3350	15,000
1 x 58W T8	5200	15,000
1 x 55W TC-L	4800	12,000