

Oasis®

MOTIVATION

Extensive research before the development of Oasis® established that today's lighting specifiers look for a combination of high performance with high fashion. Oasis® provides both. The quality of light itself fused with a quality product design delivers a more pleasing and comfortable environment to work in.

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 RAL9010
- Infinitely variable corner joint – locks at any angle between 90° and 270°
- High frequency or high frequency regulating gear standard
- Fully integral emergency versions

- Internal wire way for through wiring when continuously mounted
- Supplied less lamps

Optics

- Choice of light output ratios:
 - 100% down
 - 90% down 10% up
 - 70% down 30% up
 - 40% down 60% up

(Choice of lamp position provides 70:30 or 40:60 split options)

- LG3 Cat 2 .200 clearlux specular louvre
- White flat cross blade louvre
- White 'Starburst' cross blade louvre
- Louvre edge curved to match body profile
- Perimeter flange reduces light spill
- Full depth profile end caps
- Positive retention – leaf springs
- Low iridescence

Suspension

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

Options

-  Easytest – integral self test version available see page 106
- Programmable control options:
 -  Command 3
 - LIGHTmaster LM20
 - LIGHTmaster LM120



Up/downlighter

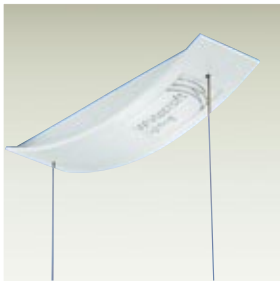


Downlighter

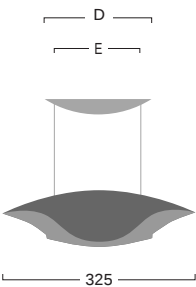




Easy installation

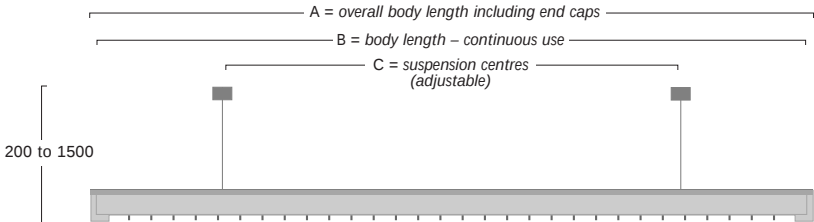


Ceiling mounting detail



DIMENSIONS

LAMP WAYS	A	LONGITUDINAL DIMENSIONS		D	FIXING CENTRE E	WEIGHT KG
1 x 36W	1261	1309	800	200	120	13.0 max
1 x 58W	1561	1609	1000	200	120	
2 x 55W	1175	1223	800	200	120	

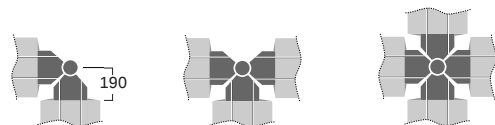
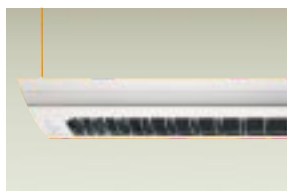


Oasis[®] options

Starburst cross blade louvre



2-way corner assembly with end caps

LG3
Cat 2.200 louvre

White cross blade louvre

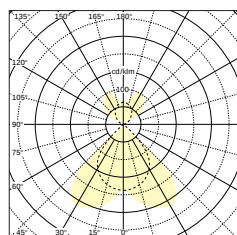


Oasis[®] 30:70

LG3 CAT 2
2 x 55W T8 Compact Fluorescent



- SHR MAX = 1.92
- DLOR = 0.735



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	0.00	0.50	0.53	0.56	0.60	0.62	0.64	0.67	0.68
0.50	0.30	0.20	0.00	0.46	0.49	0.51	0.54	0.56	0.58	0.59	0.61
0.00	0.00	0.00	0.00	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[®]

ORDER CODES

SUSPENDED ARCHITECTURAL T8 FLUORESCENT LUMINAIRE

LIGHT OUTPUT RATIO	HIGH FREQUENCY GEAR	SUPPLIED LESS LAMPS	LOUVRE	HIGH FREQUENCY REGULATING GEAR
70% Down 30% Up	OABW2H136	1 x 36W T8	W2.200 Specular	OABW2R136
	OABW2H158	1 x 58W T8		OABW2R158
	OABW2H255	2 x 55W TC-L		OABW2R255
40% Down 60% Up	OABXH136	1 x 36W T8	White cross blade	OABXR136
	OABXH158	1 x 58W T8		OABXR1581
	OABXH255	2 x 55W TC-L		OABXR255
40% Down 60% Up	OABXSH136	1 x 36W T8	White Starburst	OABXSR136
	OABXSH158	1 x 58W T8		OABXSR158
	OABXSH255	2 x 55W TC-L		OABXSR255
90% Down 10% Up	OABW2H13690	1 x 36W T8	W2.200 Specular	OABW2R13690
	OABW2H15890	1 x 58W T8		OABW2R15890
	OABW2H25590	2 x 55W TC-L		OABW2R25590
90% Down 10% Up	OABXH13690	1 x 36W T8	White cross blade	OABXR13690
	OABXH15890	1 x 58W T8		OABXR15890
	OABXH25590	2 x 55W TC-L		OABXR25590
90% Down 10% Up	OABXSH13690	1 x 36W T8	White Starburst	OABXSR13690
	OABXSH15890	1 x 58W T8		OABXSR15890
	OABXSH25590	2 x 55W TC-L		OABXSR25590
100% Down	OADW2H136	1 x 36W T8	W2.200 Specular	OADW2R136
	OADW2H158	1 x 58W T8		OADW2R158
	OADW2H255	2 x 55W TC-L		OADW2R255
100% Down	OADXH136	1 x 36W T8	White cross blade	OADXSR136
	OADXH158	1 x 58W T8		OADXSR158
	OADXH255	2 x 55W TC-L		OADXSR255
100% Down	OADXSH136	1 x 36W T8	White Starburst	OADXSR136
	OADXSH158	1 x 58W T8		OADXSR158
	OADXSH255	2 x 55W TC-L		OADXSR255

WALL MOUNTED OASIS[®] Order separately – see page 98

	OAGW2H134	1 x 34W TC-L	W2.200
	OAGW2H140	1 x 40W TC-L	
	OAGW2H155	1 x 55W TC-L	

SYSTEM COMPONENTS Order separately

OAC2	2-way corner assembly	OAC3	3-way corner assembly	OAC4	4-way corner assembly	OAC5	A set of 2 end caps
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EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency i.e. OABW2H136EMIN

EASYTEST OPTION Add suffix to order codes above

/ET Integral self autotest i.e. OABW2H136EMIN/ET

ORDERING 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 T8 fluorescent luminaire system with direct/indirect lighting ratio 100%down/90% down-10% up/70%down-30% up/100% up. 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[®].

