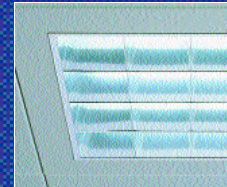


Commercial Fluorescent

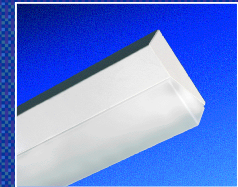
27



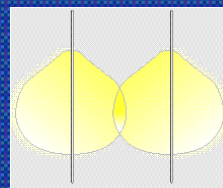
SOFTLIGHTER
CONCEPT
PAGE 28



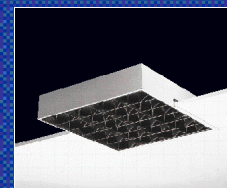
SOFTLIGHTERS
PAGE 31-33



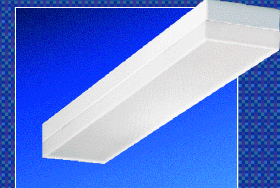
CORNICE
PAGE 47



BROADSPREAD
CONCEPT
PAGE 29



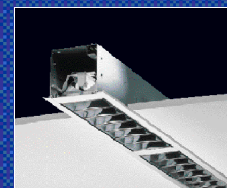
BROADSPREAD
PAGE 34-44



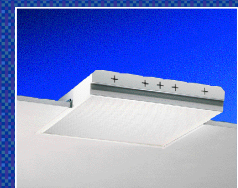
MRP
PAGE 48



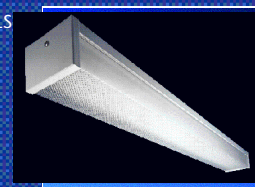
COMMAND
CROSS REFERENCE
GO TO PAGE 260
IN THE
SPECIALIST SECTION
FOR PRODUCT DETAILS



8475 CONTINUOUS
PAGE 45



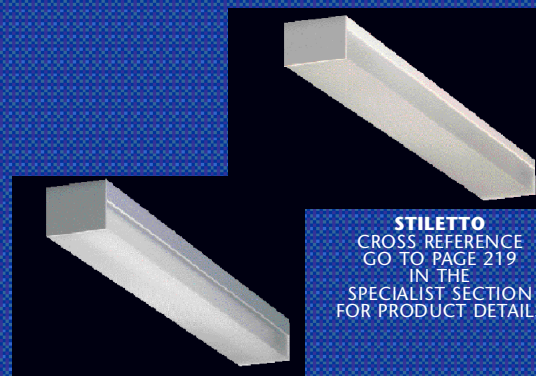
RNT
PAGE 49



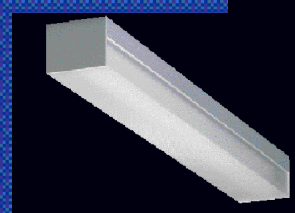
CLASSIC II
PAGE 46



MIRAGE
CROSS REFERENCE
GO TO PAGE 124
IN THE
ACCENT SECTION FOR
PRODUCT DETAILS



STILETTO
CROSS REFERENCE
GO TO PAGE 219
IN THE
SPECIALIST SECTION
FOR PRODUCT DETAILS



RAPIER
CROSS REFERENCE
GO TO PAGE 218
IN THE
SPECIALIST SECTION
FOR PRODUCT DETAILS



Softlighter concept

IN THE OFFICE

The importance of the working environment in sustaining the ever increasing demands on staff efficiency is well understood. Lighting will largely determine the nature of this environment, and encompasses the needs of the visual task, as well as the requirements of any health and safety legislation that may apply. The universal use of highly directional louvred downlighters in meeting these objectives is often counter-productive to achieving the primary goal, that is, a desire for a balanced visual environment in which staff feel good and work well. The unique Softlighter approach means no such compromise need be made.

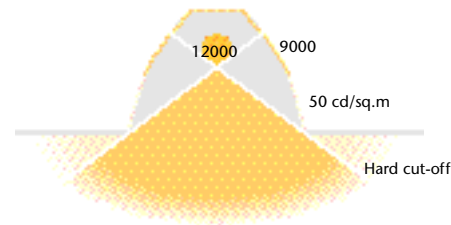
IN RETAIL ENVIRONMENTS

Energy and maintenance costs are affecting the way we light retail environments today. There is increasing awareness of the value of energy efficient ambient lighting, but to be effective, this needs to compliment the use of display lighting rather than conflict with it. Many retail environments, such as Banks and Building Societies, have the added difficulty of meeting the needs of specific visual tasks for staff while still providing a stimulating environment for customers. The Softlighter system provides this flexibility.

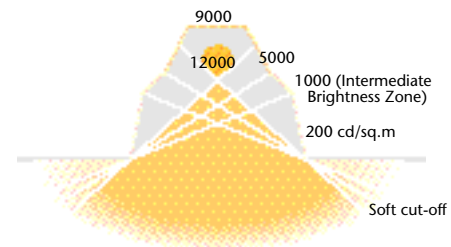
THE SOFTLIGHTER DIFFERENCE

The unique Softlighter Composite white/semi-specular louvre design controls the rate at which contrast is allowed to change within the luminaire. Softlighter is comfortable from any normal angle of view, while its soft edged spill light provides uniform vertical illumination to walls. For the retail environment the diffuse nature of Softlighter allows the effective use of display lighting and ensures good presentation of vertical displays.

An ordinary luminaire exhibits sudden and dramatic changes in the brightness of its surfaces depending on the angle at which it is viewed.



Softlighter's unique design incorporates graduated zones of brightness each one within a 5:1 ratio of its neighbour. The need for the eye to continuously adapt is reduced creating a comfortable appearance.



The example of the car headlights opposite sums up the principle behind Softlighter very simply. If there is more background brightness around the light source, then the source doesn't look as bright. By reflecting more light around the luminaire, Softlighter creates a more even, better distributed light. And because the light is less omnidirectional, fewer shadows are created.

THE SOFTLIGHTER PRINCIPLE

The human eye has an enormous range of adaptation. Driving is a demanding visual task yet we accomplish this in both the brightest sunshine and the darkest night.

We become aware of visual stress however when we demand our sight to balance opposing levels of brightness within a short time scale. A simple analogy is that of non dipped car headlights at night, this form of disability glare most of us have experienced. Yet the same non dipped headlights seen during daylight create little or no visual impairment. The glare we experience in this way is a function of the ratio of the brightness of the subject, and for interiors using modern high efficient luminaires it is the most usual cause of discomfort.

The unique design of the Softlighter louvre controls the rate of change of brightness within its surface and its soft edged distribution enables the surrounding space to have only gradual changes in perceived brightness.



Broadspread *concept*

BROADSPREAD ~ A CONTINUING NAME FOR LIGHTING QUALITY

The Broadspread light distribution pattern was developed by Whitecroft to ensure the most even possible illuminance on the working plane, while offering the glare control necessary for VDT compatibility. By releasing office interiors from the rigidity imposed by luminaires with 'batwing' distribution patterns, Broadspread set the standard for luminaire optics which has never been bettered, in over a decade.

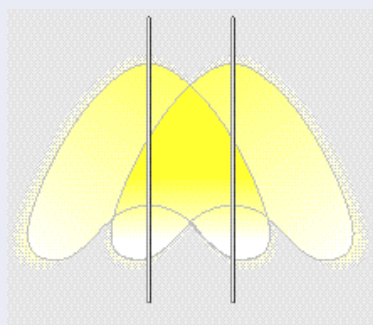
Now Whitecroft has responded to the challenge of the new millennium by offering new luminaire bodies and new louvre materials, while retaining the Broadspread optical control.

THE NEW BROADSPREAD LUMINAIRES

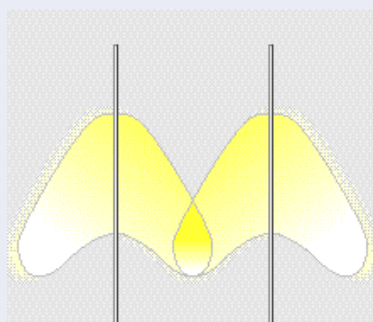
- New choice of aluminium louvre finishes, ultra-efficient specular, standard specular or two semi-specular grades i.e. Superlux, Clearlux, Midlux and Hilux.
- New choice of louvre design, scallop top wedge, flat top wedge and fluted cross-blade.
- Unsurpassed optical control.
- Improved visual appearance through new high quality luminaire bodies.
- New choice to match specification/contract requirements.

COMPARABLE LIGHT DISTRIBUTION

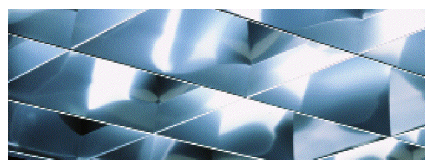
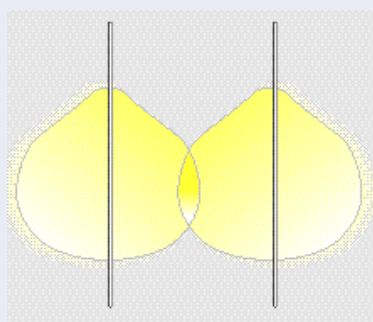
Batwing ~ good uniformity/
poor spacing



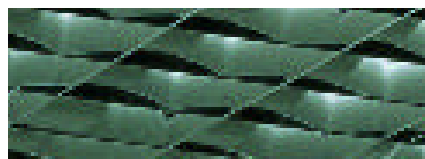
Batwing ~ poor uniformity/
good spacing



Broadspread ~
good uniformity/good spacing



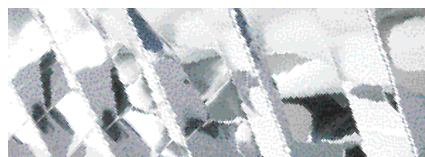
Scallop wedge semi-specular



Scallop wedge specular



Crossblade specular



Flat top wedge specular



Diffuser



**LIF/VDT
950103**

Whitecroft are a founder member of the LIF/VDT approval scheme.

LG3 luminaires in the Softlighter and Broadspread Range carry this registration mark.

BUILDING REGULATIONS 1991, DOCUMENT B, SECTION B2 INTERNAL FIRE SPREAD (SURFACES)

Although this regulation does not currently apply to surface mounted luminaires, diffuser panels offered in this brochure are available in Tp(a) approved flame retardant prismatic material for both surface and recessed luminaires.

Command *concept*

Command’s intelligent control system automatically adjusts to changes in the environment ~ by detecting absence and presence, compensating for ageing lamps and luminaires, and even adjusting to allow for the change in daylight.

The Command intelligent eye can be factory fitted to the majority of luminaires in the commercial section. An optional hand held controller allows individual control.

To specify simply add the following suffix to the product codes:~

ORDER CODES	
COM2	Intelligent eye
COMHHC2	Hand held controller

For further information about Command and other lighting controls available from Whitecroft see page 253 in our Lighting Management section.



Softlighter

UNIVERSAL RECESSED & MICROLOOK SOFTLIGHTER

CIBSE LG3 CATEGORIES 3, 2 & 1



Microlook flange detail



Swing arm bracket



Speed wire option

UNIVERSAL RECESSED SOFTLIGHTER

The range of Universal Recessed Softlighter luminaires was developed to comply fully with CIBSE LG3 Category 3, 2 and 1 specification. The design allows the luminaire to be accommodated in the majority of suspended ceilings, namely concealed grid, exposed Tee 25mm or 15mm, Echostop, metal pan spring Tee and plasterboard (with a metal/timber sub-structure). The Softlighter optical louvre provides an 'intermediate brightness zone' within the reflector, combining efficiency with an exceptionally high standard of visual comfort.

MICROLOOK RECESSED SOFTLIGHTER

The design incorporates many of the features of the Universal Recessed Softlighter, but has a specially developed trim detail to match the narrow platform ceiling.

SPECIFICATION

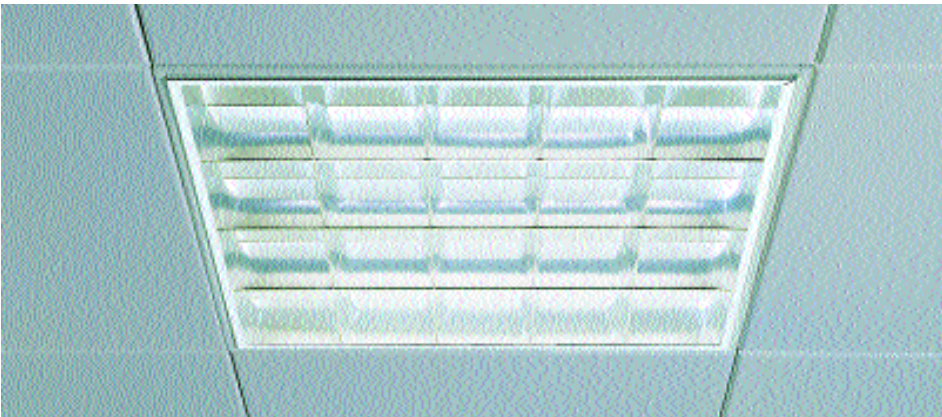
- Universal body compatible with all ceiling types.
- Twin, triple and quadruple lamp options.
- 300 and 600mm widths.
- 600, 1200 and 1500mm lamp sizes.
- Flange body configuration eliminates lightspill.
- Louvre optic provides an 'intermediate brightness zone' for improved efficiency and enhanced visual comfort.
- Positive louvre retention.
- LG3 Cat 1, 2 and 3 option louvres.
- 'Duo' bi-directional louvre option.
- Louvre material finish:~ Softlux.
- High frequency gear standard ~ Switchstart optional.
- Side support brackets standard.
- Fuse terminal block standard.
- Air handling standard.
- Programmable control options:~ Command intelligent, LIGHTmaster or other central management options see page 253.

SOFTLIGHTER DUO OPTION

- Specially designed Softlighter louvre complying with LG3 Cat 2 from normal angles of view, but in the direction of the perimeter wall the reflector system is profiled to reflect light at high angles, eliminating distracting shadows on the upper section of the wall.
- This luminaire must be mounted within 1.5m of a vertical surface.
- Use conventional Softlighter luminaires for central areas.

FEATURES

Lamps			
Linear T8 Halophosphor and Triphosphor Fluorescent			
	No. lamps	Wattage	
Cat 3	Universal	2	18WPL, 18W 36W, 58W
		Universal & Microlook	3 & 4 18W, 36W
Cat 2	Universal	2	18WPL, 18W 36W, 58W
		Universal & Microlook	3 & 4 18W, 36W
Cat 1	Universal	2 & 4	18W, 36W 58W
		Microlook	4 18W, 36W



600/SFR/UNI/W2.200/HFG/4218

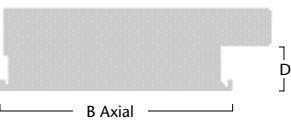
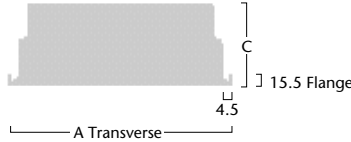
OPTIONS

Gear	substitute HFG suffix:~
/S	Conventional switchstart gear
/HFD	Electronic high frequency dimming control gear
/LLS	Low loss control gear
/SA	Electronic starters
Assembly add suffix to order code:~	
/R	Speed wiring feature
/K	Notched corners for the exposed tee
Louvre substitute W2 with:~	
W1	Specular non Softlighter LG3 Cat 1 louvre
W3	Semi-specular Softlighter LG3 Cat 3 louvre
D2	Softlighter Duo LG3 Cat 2 louvre
~ only available for 600/SRF/UNI/W2.200/HFG/4218	

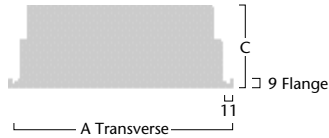
EMERGENCY CODES

Add suffix to end of order codes for the following options:~	
EM2IN	All 18W lamp luminaires
EM45IN	All 36W and 58W lamp luminaires

Microlook Softlighter



Universal Recessed Softlighter

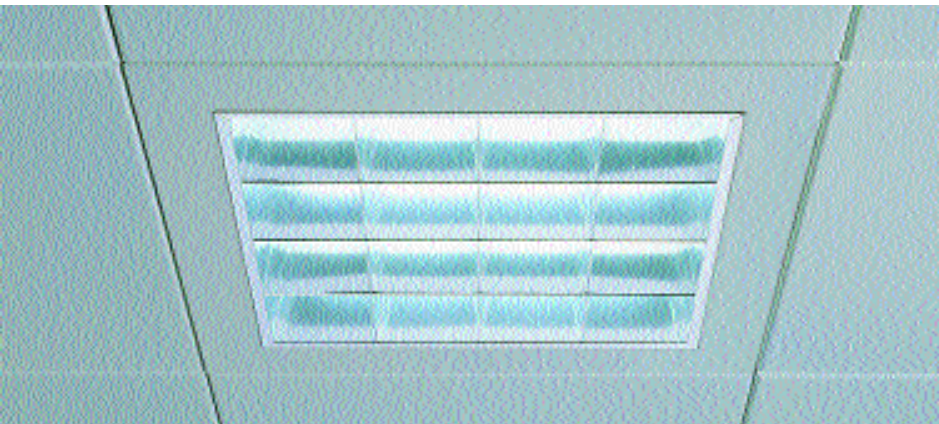


FEATURES AND DIMENSIONS MM

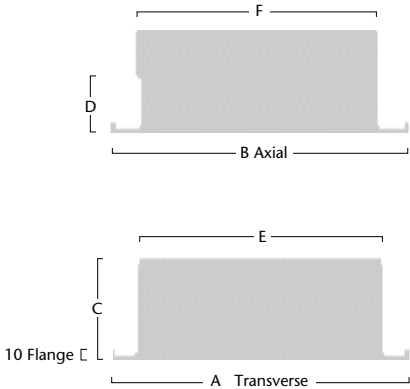
	Lamp ways	Nominal sizes			
ORDER CODES		A	B	C	D
Universal Recessed					
300/SFR/UNI/W2.200/HFG/2TCL18	2 × 18W PL	298	298	110	59
300/SFR/UNI/W2.200/HFG/2218	2 × 18W	298	598	110	59
300/SFR/UNI/W2.200/HFG/2436	2 × 36W	298	1198	110	59
300/SFR/UNI/W2.200/HFG/2558	2 × 58W	298	1498	110	59
600/SFR/UNI/W2.200/HFG/3218	3 × 18W	598	598	110	59
600/SFR/UNI/W2.200/HFG/3436	3 × 36W	598	1198	110	59
600/SFR/UNI/W2.200/HFG/4218	4 × 18W	598	598	110	59
600/SFR/UNI/W2.200/HFG/4436	4 × 36W	598	1198	110	59
Microlook Recessed					
600/SFR/T15/W2.200/HFG/3218*	3 × 18W	585	585	110	59
600/SFR/T15/W2.200/HFG/3436*	3 × 36W	585	1185	110	59
600/SFR/T15/W2.200/HFG/4218	4 × 18W	585	585	110	59
600/SFR/T15/W2.200/HFG/4436	4 × 36W	585	1185	110	59
* Denotes semi-specular Non Softlighter louver					



Softlighter



600/SRC/UNI/W2.200/HFG/2TCL36



OPTIONS	
Gear substitute HFG suffix:~	
/S	Conventional switchstart gear - not available for 40 and 55W TC-L
/HFD	Electronic high frequency dimming control gear
/LLS	Low loss control gear
/SA	Electronic starters
Assembly add suffix to order code:~	
/R	Speed wiring feature
/K	Notched corners for the exposed tee
Louvre substitute W2 with:~	
D2	Softlighter Duo LG3 Cat 2 louvre ~ only available for 500/SRC/UNI/W2.200/HFG/2TCL36 600/SRC/UNI/W2.200/HFG/2TCL36 600/SRC/UNI/W2.200/HFG/2TCL40

EMERGENCY CODES	
Add suffix to end of order codes for the following options:~	
EM45IN	All luminaires

ORDER CODES		FEATURES AND DIMENSIONS MM						
		Lamp ways	Nominal sizes					
			A	B	C	D	E	F
Category 3								
400/SRC/UNI/W3.200/HFG/2TCL24		2 × 24W TC-L	396	398	135	70	354	364
500/SRC/UNI/W3.200/HFG/2TCL24		2 × 24W TC-L	498	498	135	70	354	364
600/SRC/UNI/W3.200/HFG/2TCL24		2 × 24W TC-L	598	598	135	70	354	364
500/SRC/UNI/W3.200/HFG/2TCL36		2 × 36W TC-L	498	498	135	70	449	459
600/SRC/UNI/W3.200/HFG/2TCL36		2 × 36W TC-L	598	598	135	70	449	459
500/SRC/UNI/W3.200/HFG/3TCL36		3 × 36W TC-L	498	498	135	70	449	459
600/SRC/UNI/W3.200/HFG/3TCL36		3 × 36W TC-L	598	598	135	70	449	459
600/SRC/UNI/W3.200/HFG/2TCL40		2 × 40W TC-L	598	598	135	70	549	559
600/SRC/UNI/W3.200/HFG/3TCL40		3 × 40W TC-L	598	598	135	70	549	559
600/SRC/UNI/W3.200/HFG/2TCL55		2 × 55W TC-L	598	598	135	70	549	559
600/SRC/UNI/W3.200/HFG/3TCL55		3 × 55W TC-L	598	598	135	70	549	559
Category 2								
400/SRC/UNI/W2.200/HFG/2TCL24		2 × 24W TC-L	396	398	135	70	354	364
500/SRC/UNI/W2.200/HFG/2TCL24		2 × 24W TC-L	498	498	135	70	354	364
600/SRC/UNI/W2.200/HFG/2TCL24		2 × 24W TC-L	598	598	135	70	354	364
500/SRC/UNI/W2.200/HFG/2TCL36		2 × 36W TC-L	498	498	135	70	449	459
600/SRC/UNI/W2.200/HFG/2TCL36		2 × 36W TC-L	598	598	135	70	449	459
600/SRC/UNI/W2.200/HFG/2TCL40		2 × 40W TC-L	598	598	135	70	549	559
600/SRC/UNI/W2.200/HFG/2TCL55		2 × 55W TC-L	598	598	135	70	549	559

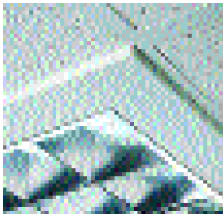
UNIVERSAL RECESSED COMPACT SOFTLIGHTER

CIBSE LG3 CATEGORIES 3 & 2

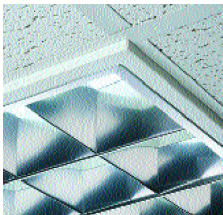
This range of square modular luminaires has been designed for TC-L compact fluorescent lamps. There are 9, 16 and 20 cell Softlighter louvres with a specially designed reflector profile to help control lamp brightness. A one piece bezel, free from mitres or joints, permits the standard luminaire to fit various tile sizes. The luminaire is suitable for installation into most ceiling systems including 15mm and 25mm Exposed Tee, concealed grid, Echostop, metal pan spring Tee and plasterboard.

SPECIFICATION

- Universal body compatible with all common ceiling types.
- Twin and triple lamp options.
- 400, 500 and 600mm widths.
- 24W, 36W, 40W and 55W versions.
- Flange body configuration eliminates lightspill.
- Louvre optic provides an 'intermediate brightness zone' for improved efficiency and enhanced visual comfort.
- LG3 Cat, 2 and 3 option louvres ~ Positive louvre retention.
- 'Duo' bi-directional louvre option.
- Louvre material finish:~ Softlux.
- High frequency gear standard ~ switchstart optional.
- Side support brackets standard.
- Fuse terminal block standard.
- Air handling standard.
- Programmable control options:~ Command intelligent, LIGHT master or other central management options see page 253.



FLANGE
600mm 2 x 36W TCL



FLANGE
600mm 2 x 40W TCL



SPEED WIRE OPTION

SOFTLIGHTER DUO OPTIONS

- Specially designed Softlighter louvre complying with LG3 Cat 2 from normal angles of view, but in the direction of the perimeter wall the reflector system is profiled to reflect light at high angles, eliminating distracting shadows on the upper section of the wall.
- This luminaire must be mounted within 1.5m of a vertical surface.
- Use conventional Softlighter luminaires for central areas.

FEATURES

Lamps		
Compact Fluorescent TC-L		
	No. lamps	Wattage
Category 3	2	24W, 36W, 40W, 55W
	3	24W, 36W, 40W, 55W
Category 2	2	24W, 36W, 40W, 55W

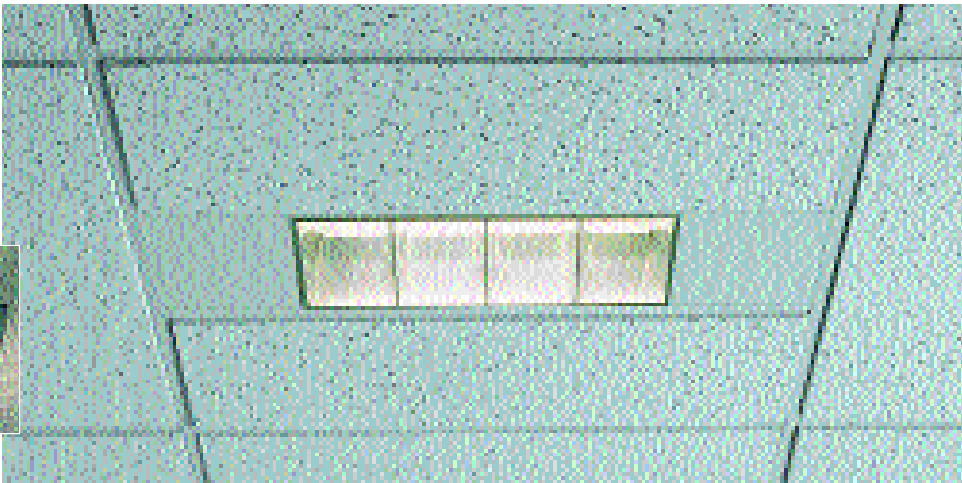


Softlighter

RECESSED PLB
CIBSE LG3 CATEGORY 2

206/SRP/L/T25/W2.200/HFG/1TCL36

156/SRP/ST/W2.200/HFG/1TCL36



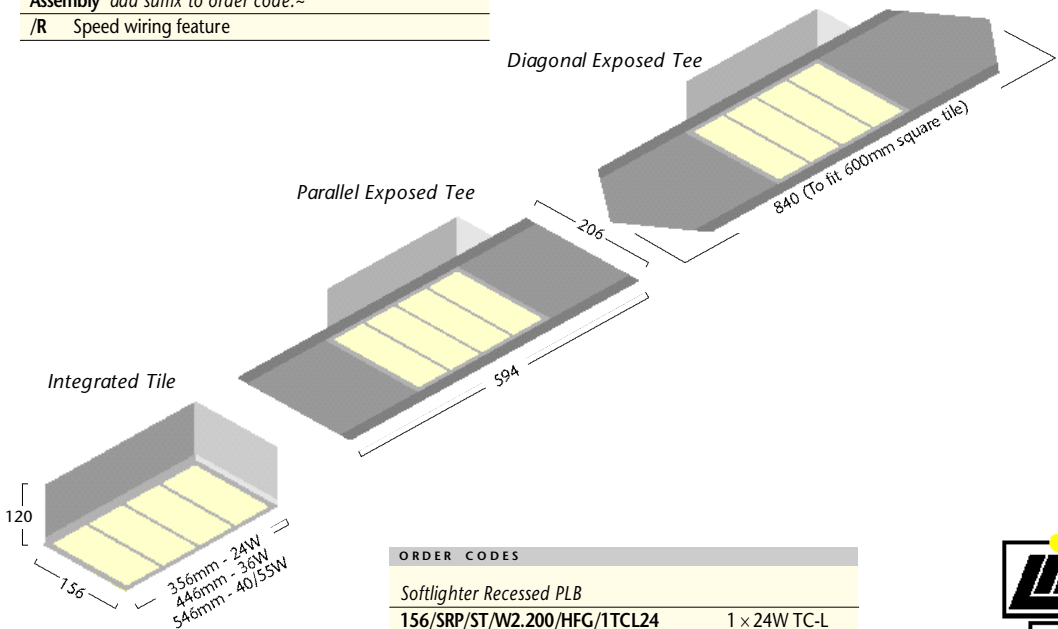
This range of single lamp Compact Softlighters gives the lighting design an extra dimension in flexibility due to its small modular size. The design allows the luminaire to be incorporated into pre-cut ceiling tiles, with exposed Tee versions to fit parallel or diagonally in the Tee bars. The Softlighter CIBSE LG3 Category 2 louvre provides an 'intermediate brightness zone' within the reflector system, combining efficiency with an exceptionally high standard of visual comfort.

SPECIFICATION

- Universal body compatible with all common ceiling types fitting parallel or diagonal to the ceiling tile.
- Single lamp options ~ 156 and 206mm widths.
- 24W, 36W, 40W and 55W versions.
- Flange body configuration eliminates lightspill.
- Louvre optic provides an 'intermediate brightness zone' for improved efficiency and enhanced visual comfort.
- LG3 Cat 2 louvre ~ positive louvre retention.
- Louvre material finish ~ Softlux.
- High frequency gear standard ~ switchstart optional.
- Side support brackets standard.
- Fuse terminal block standard.
- Air handling standard.
- Programmable control.
Options:~ LIGHTmaster or other central management options see page 253.

OPTIONS	
Gear substitute HFG suffix:~	
/S	Conventional switchstart gear ~ not available for 40 and 55W TC-L
/HFD	Electronic high frequency dimming control gear
/LLS	Low loss control gear
/SA	Electronic starters
Assembly add suffix to order code:~	
/R	Speed wiring feature

EMERGENCY CODE
EM45IN



ORDER CODES		
<i>Softlighter Recessed PLB</i>		
156/SRP/ST/W2.200/HFG/1TCL24	1 x 24W TC-L	
156/SRP/ST/W2.200/HFG/1TCL36	1 x 36W TC-L	
156/SRP/ST/W2.200/HFG/1TCL40	1 x 40W TC-L	
156/SRP/ST/W2.200/HFG/1TCL55	1 x 55W TC-L	
<i>Parallel</i>		
206/SRP/L/T25/W2.200/HFG/1TCL24	1 x 24W TC-L	
206/SRP/L/T25/W2.200/HFG/1TCL36	1 x 36W TC-L	
206/SRP/L/T25/W2.200/HFG/1TCL40	1 x 40W TC-L	
206/SRP/L/T25/W2.200/HFG/1TCL55	1 x 55W TC-L	
<i>Diagonal</i>		
206/SRP/D/T25/W2.200/HFG/1TCL24	1 x 24W TC-L	
206/SRP/D/T25/W2.200/HFG/1TCL36	1 x 36W TC-L	
206/SRP/D/T25/W2.200/HFG/1TCL40	1 x 40W TC-L	
206/SRP/D/T25/W2.200/HFG/1TCL55	1 x 55W TC-L	

FEATURES			
Lamps Compact Fluorescent TC-L			
	No. lamps	Wattage	
Category 2	1	24W, 34W, 40W, 55W	





Broadspread *Maxima*

RECESSED COMPACT MAXIMA

SPECIFICATION

- Universal body compatible with all common ceiling types.
- Twin lamp 18W, 34W, 36W, 40W and 55W version.
- 300mm, 500mm and 600mm width.
- LG3 Cat 2 louvre ~ positive retention.
- Louvre material finish options:~ Superlux, Clearlux, Midlux and Hilux.
- High frequency gear standard ~ switchstart option.
- Side support brackets standard.
- Fuse terminal block standard.
- Air handling option available see page 276.
- Programmable control options:~ Command intelligent, LIGHT^{master} or other central management options see page 253.

ORDER CODES

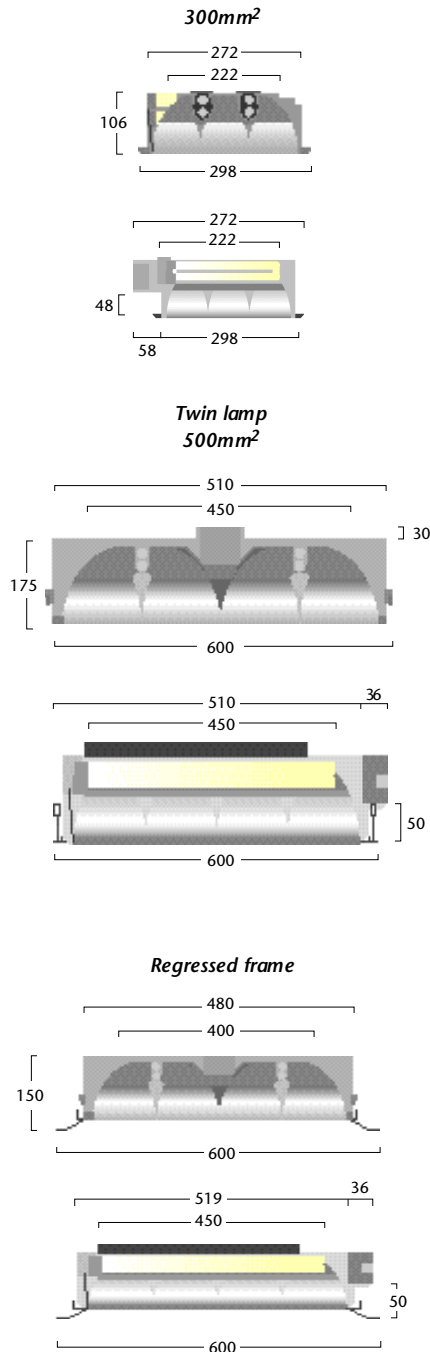
300/BCM/T25/W2.200CX/HFG/2TCL18	2 × 18W TC-L
500/BCM/T25/W2.200CX/HFG/2TCL36	2 × 36W TC-L
600/BCM/T25/W2.200CX/HFG/2TCL34	2 × 34W TC-L
600/BCM/T25/W2.200CX/HFG/2TCL36	2 × 36W TC-L
600/BCM/T25/W2.200CX/HFG/2TCL40	2 × 40W TC-L
600/BCM/T25/W2.200CX/HFG/2TCL55	2 × 55W TC-L
Regressed Frame (2TCL36 only)	
600/BCMR/T25/W2.200CX/HFG/2TCL36	2 × 36W TC-L

OPTIONS

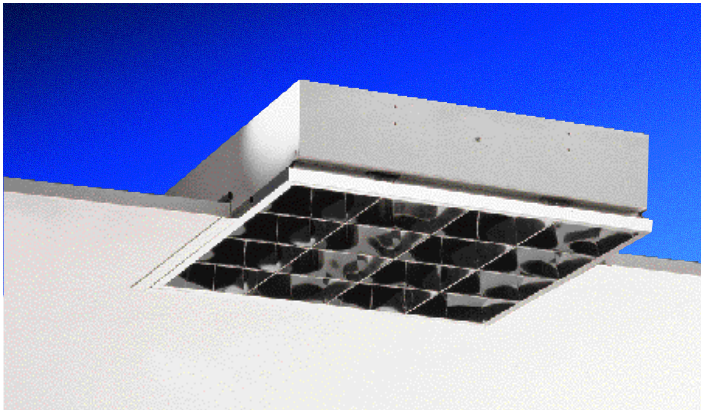
Ceiling type substitute T25 suffix:~	
/T15	15mm Tee version
/ST	Spring T version ~ 500 & 600mm standard Special available for 300mm on request
/TEG	Tegular ~ 600mm only ~ not BCMR
Louvres substitute W2.200CX suffix:~	
/W2.200SX	Specular 200 louvre Superlux
/W2.500	Semi-specular 500 louvre Midlux
/W2.1000	Semi-specular 1000 louvre Hilux
Control gear substitute HFG suffix:~	
/S	Switchstart gear ~ not available for 40 or 55W TCL

EMERGENCY CODES

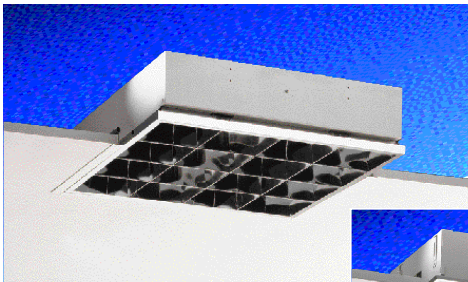
EM2FR	All 18W lamp luminaires
EM45IN	All 34, 36, 40 & 55W lamp luminaires



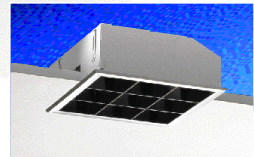
FEATURES	
Weights	Kg
300/BCM/T25/W2.200CX/HFG/2TCL18	2.1
500/BCM/T25/W2.200CX/HFG/2TCL36	6.2
600/BCM/T25/W2.200CX/HFG/2TCL34	6.3
600/BCM/T25/W2.200CX/HFG/2TCL36	7.1
600/BCM/T25/W2.200CX/HFG/2TCL40	7.1
600/BCM/T25/W2.200CX/HFG/2TCL55	7.1
600/BCMR/T25/W2.200CX/HFG/2TCL36	7.1
Fixing details	
Number of Ø	4 × Ø8



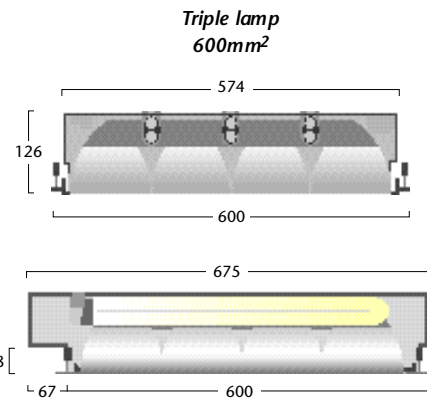
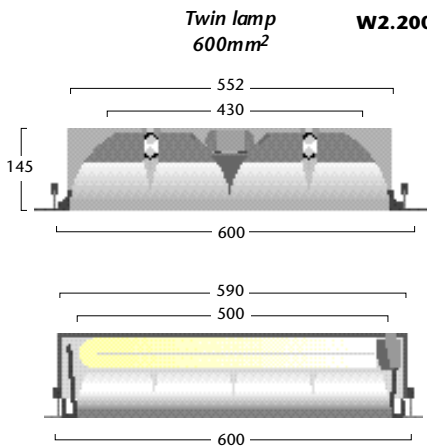
600/BCM/T25/W2.200CX/HFG/2TCL55



500/BCM/T25/W2.200CX/HFG/2TCL36



300/BCM/T25/W2.200CX/HFG/2TCL18



Broadspread *Maxima*

RECESSED PLB MAXIMA



146/BRPM/ST/W2.200CX/HFG/1TCL24



180/BRPMD/T25/W2.200CX/HFG/1TCL24

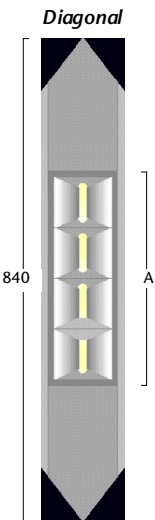
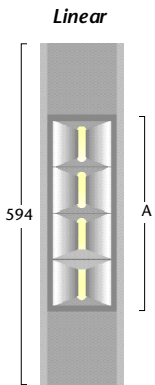
- SPECIFICATION**
- Choice of bodies to suit all common ceiling types. Fitting parallel or diagonal to the ceiling tile.
 - Twin and single lamp in 146 and 180mm widths.
 - 24W, 34W, 36W, 40W and 55W versions.
 - Flange body configuration eliminates lightspill.
 - Scallop wedge louvre with full profile end caps ~ positive retention.
 - LG3 Cat 2.
 - Louvre material finish options:~ Superlux, Clearlux, Midlux and Hilux.
 - High frequency gear standard ~ switchstart option.
 - Side support brackets standard.
 - Fuse terminal block standard.
 - Air handling standard.
 - Programmable control options:~ LIGHTmaster or other central management options see page 253.

OPTIONS

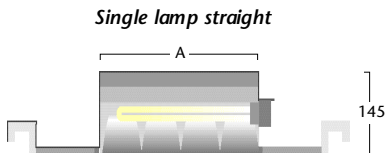
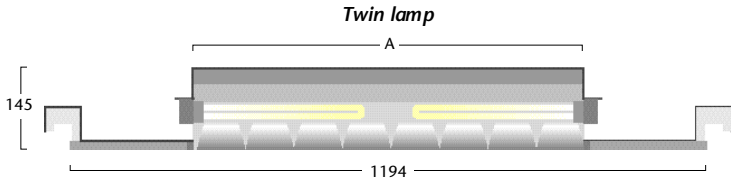
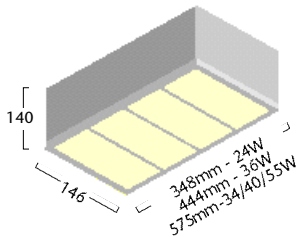
Body * insert L or D suffix:~		
/L	Exposed 25mm and 15mm T linear	
/D	Exposed 25mm and 15mm T diagonal	
Louvres substitute W2.200 suffix:~		
/W2.200SX	Specular 200 louvre	Superlux
/W2.500	Semi-specular 500 louvre	Midlux
/W2.1000	Semi-specular 1000 louvre	Hilux
Gear substitute HFG suffix:~		
/S	Switchstart gear ~ not available for 40 and 55W TCL	
/SA	Switchstart gear with electronic ignitor ~ not available for 40 and 55W TCL	

EMERGENCY CODES

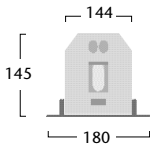
EM45IN	180/BRPM*
EM45BR	146/BRPM



Integrated tile



Cross section



FEATURES AND DIMENSIONS MM

ORDER CODES	Lamp ways	Description	Dimensions	Weight Kg
146 Range				
146/BRPM/ST/W2.200CX/HFG/1TCL24	1 x 24W TC-L	Linear	317	2.5
146/BRPM/ST/W2.200CX/HFG/1TCL34	1 x 34W TC-L	Linear	544	2.7
146/BRPM/ST/W2.200CX/HFG/1TCL36	1 x 36W TC-L	Linear	413	3
146/BRPM/ST/W2.200CX/HFG/1TCL40	1 x 40W TC-L	Linear	544	3
146/BRPM/ST/W2.200CX/HFG/1TCL55	1 x 55W TC-L	Linear	544	3
180 Range				
180/BRPM*/T25/W2.200CX/HFG/1TCL24	1 x 24W TC-L	-	317	3
180/BRPM*/T25/W2.200CX/HFG/1TCL34	1 x 34W TC-L	-	544	3.5
180/BRPM*/T25/W2.200CX/HFG/1TCL36	1 x 36W TC-L	-	413	3.2
180/BRPM*/T25/W2.200CX/HFG/1TCL40	1 x 40W TC-L	-	544	3.5
180/BRPM*/T25/W2.200CX/HFG/1TCL55	1 x 55W TC-L	-	544	3.5
180/BRPM*/T25/W2.200CX/HFG/2TCL24	2 x 24W TC-L	-	627	2.7
180/BRPM*/T25/W2.200CX/HFG/2TCL36	2 x 36W TC-L	-	819	3



Broadspread *Maxima*

SURFACE MAXIMA

SPECIFICATION

- Aluminium body finished RAL9016 with fineline facets for individual or continuous mounting.
- Injection moulded end caps colour matched to body.
- Single and twin lamp options.
- 190 and 320mm widths.
- 600, 1200, 1500 and 1800mm lamp sizes.
- Flange body configuration eliminates lightspill.
- Scallop wedge louvre with full profile end caps ~ positive shoot bolt retention.
- LG3 Cat 2.
- Louvre material finish options:~ Superlux, Clearlux, Midlux and Hilux.
- Flat top wedge louvre and asymmetric louvre options available.
- High frequency gear standard ~ switchstart option.
- Fuse terminal block standard.
- Programmable control options:~ Command intelligent, LIGHT^{master} or other central management options see page 253.



320/BSM/W2.200CX/HFG/2558

OPTIONS

Louvres substitute W2.200CX suffix:~

/W2.200SX	Specular 200 louvre	Superlux
/W2.500	Semi-specular 500 louvre	Midlux
/W2.1000	Semi-specular 1000 louvre	Hilux
/ASYX	Asymmetric Specular louvre	

Gear substitute HFG suffix:~

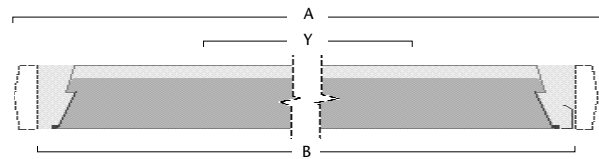
/S	Switchstart gear
----	------------------

Continuous Mounting add suffix:~

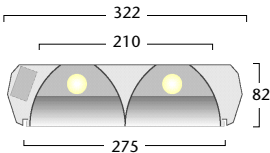
/Cont	Continuous mounting option
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EMERGENCY CODES

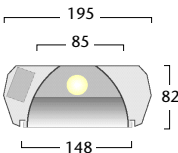
EM2IN	All 18W T8 lamp luminaires
EM45IN	All 36W and 58W T8 lamp luminaires
EM6IN	All 70W T8 lamp luminaires



Twin lamp



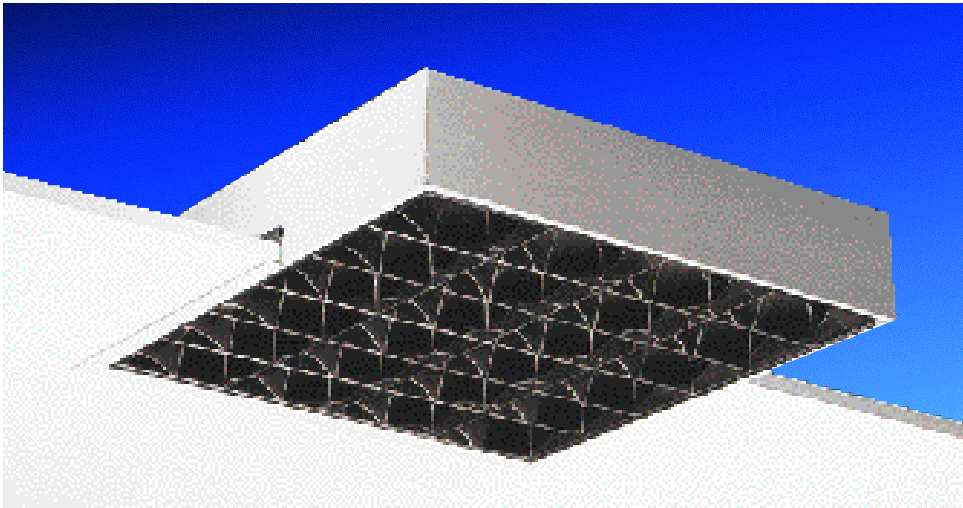
Single lamp



	FEATURES AND DIMENSIONS MM				
	Lamp ways	Longitudinal dimensions		Fixing centre	Weight Kg
ORDER CODES		A	B	Y	
190/BSM/W2.200CX/HFG/1218	1 × 18W T8	647	607	500	2.3
190/BSM/W2.200CX/HFG/1436	1 × 36W T8	1257	1217	900	5.2
190/BSM/W2.200CX/HFG/1558	1 × 58W T8	1557	1517	900	6.0
190/BSM/W2.200CX/HFG/1670	1 × 70W T8	1821	1781	900	6.8
320/BSM/W2.200CX/HFG/2218	2 × 18W T8	647	607	500	6.0
320/BSM/W2.200CX/HFG/2436	2 × 36W T8	1257	1217	900	10.7
320/BSM/W2.200CX/HFG/2558	2 × 58W T8	1557	1517	900	12
320/BSM/W2.200CX/HFG/2670	2 × 70W T8	1821	1781	900	13.4

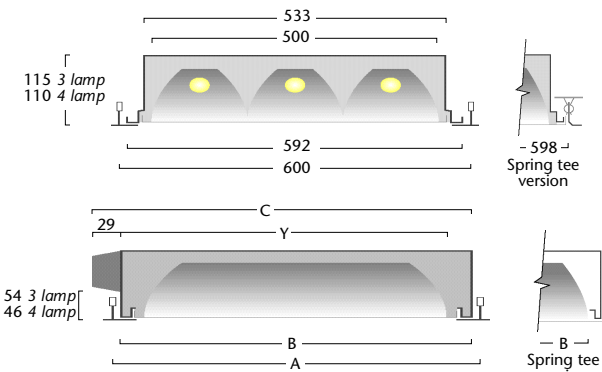


Broadspread Designer



600/BRD/T25/W2.200/S/4218

Triple & quadruple lamp



OPTIONS	
Ceiling type	substitute T25 suffix:~
/T15	15mm Tee version
/ST	Spring T version
/TEG	Tegular
/TED	Decorative Tegular
/CZ	Concealed Z
/PBC	Plasterboard
Louvres	substitute W2.200 suffix:~
/W2.500	Semi-specular 500 louvre Midlux
/W2.1000	Semi-specular 1000 louvre Hilux
Side support brackets	add suffix:~
/SB	Side support brackets
Fused terminal block	add suffix:~
/FTB	Fused terminal block
Gear	substitute S suffix:~
/HFG	High Frequency gear

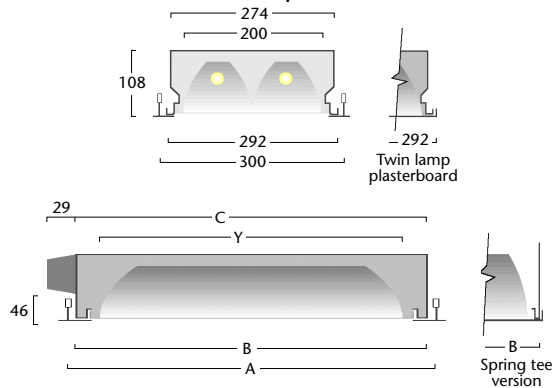
EMERGENCY CODES	
EM2IN	All 18W lamp luminaires
EM45IN	All 36 and 58W lamp luminaire
EM6IN	All 70W lamp luminaires

RECESSED DESIGNER

SPECIFICATION

- Universal body compatible with all common ceiling types.
- Twin, triple and quadruple lamp versions.
- 300 and 600mm widths.
- 600, 1200, 1500 and 1800mm lamp sizes.
- Flange body configuration eliminates lightspill.
- Flat top wedge louvre with full profile endcaps, positive retention.
- LG3 Cat 2.
- Louvre material finish options:~ Clearlux, Midlux and Hilux.
- Switchstart gear standard ~ High Frequency option.
- Side support brackets optional.
- Fuse terminal block optional.
- Air handling option available see page 276.
- Programmable control options:~ Command intelligent, LIGHTmaster or other central management options see page 253.

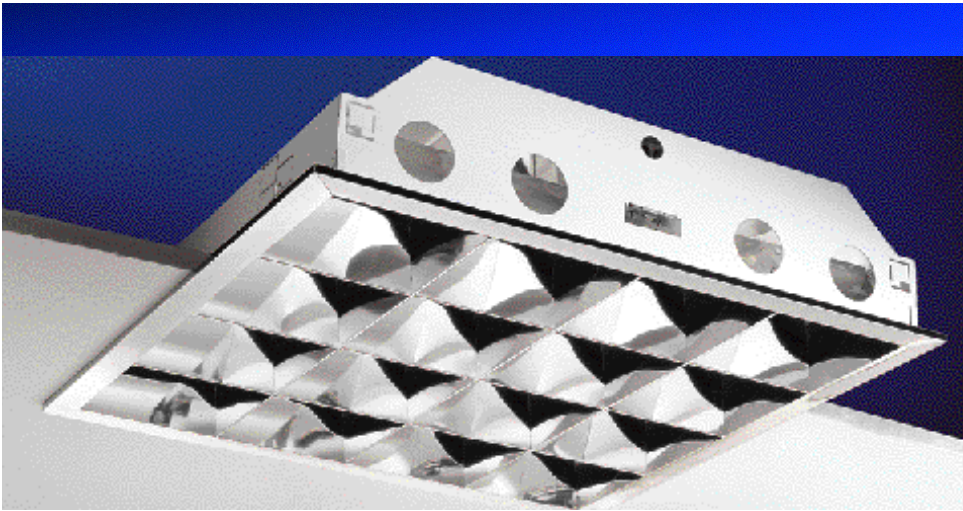
Twin lamp



ORDER CODES	FEATURES AND DIMENSIONS MM						Wt Kg
	Lamp ways	Longitudinal dimensions			Fixing centre	Fixing detail	
		A	B	C	Y	NoxØ	
300/BRD/T25/W2.200/S/2218	2 x 18W T8	600	592	621	500	4 x 8	4.4
300/BRD/T25/W2.200/S/2436	2 x 36W T8	1200	1192	1221	750	4 x 8	6.1
300/BRD/T25/W2.200/S/2558	2 x 58W T8	1500	1492	1521	1000	4 x 8	7.4
300/BRD/T25/W2.200/S/2670	2 x 70W T8	1800	1792	1792	1200	4 x 8	8.7
600/BRD/T25/W2.200/S/3218	3 x 18W T8	600	592	621	500	4 x 8	5.9
600/BRD/T25/W2.200/S/3436	3 x 36W T8	1200	1192	1221	750	4 x 8	10.9
600/BRD/T25/W2.200/S/4218	4 x 18W T8	600	592	621	500	4 x 8	5.9
600/BRD/T25/W2.200/S/4436	4 x 36W T8	1200	1192	1221	750	4 x 8	10.9

Broadspread *Designer*

RECESSED COMPACT DESIGNER

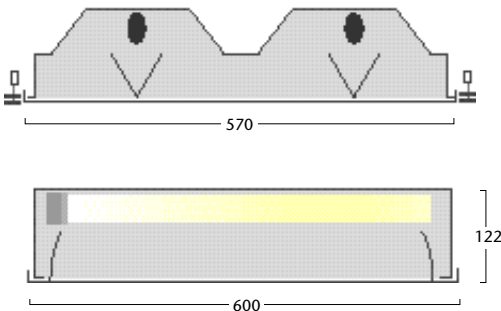


600/BCD/T25/W2.200/HFG/2TCL34

- SPECIFICATION**
- Universal body compatible with 15mm and 25mm exposed Tee and spring Tee ceiling types.
 - Twin lamp 34W, 36W, 40W and 55W versions.
 - 500 and 600mm widths.
 - LG3 Cat 2 louvre ~ positive retention.
 - Louvre material finish options:~ Clearlux, Midlux and Hilux.
 - High frequency gear standard ~ switchstart option.
 - Fuse terminal block optional.
 - Air handling option available see page 276.
 - Programmable control options:~ Command intelligent, LIGHT *master* or other central management options see page 253.

OPTIONS		
Ceiling type	substitute T25 suffix:~	
/T15	25mm Tee version	
/ST	Spring Tee version	
Louvres	substitute W2.200 suffix:~	
/W2.500	Semi-specular 500 louvre	Midlux
/W2.1000	Semi-specular 1000 louvre	Hilux
Gear	substitute HFG suffix:~	
/S	Switchstart gear - not available for 40 and 55W TC-L	

EMERGENCY CODES
EM45IN



FEATURES AND DIMENSIONS MM						
ORDER CODES	Lamp ways	Dimensions			Fixing detail NoxØ	Wt Kg
		L	H	W		
500/BCD/T25/W2.200/HFG/2TCL36	2 x 36W TC-L	472	120	455	4 x 8	6.2
600/BCD/T25/W2.200/HFG/2TCL34	2 x 34W TC-L	570	122	552	4 x 8	6.3
600/BCD/T25/W2.200/HFG/2TCL36	2 x 36W TC-L	570	122	552	4 x 8	7.1
600/BCD/T25/W2.200/HFG/2TCL40	2 x 40W TC-L	570	122	552	4 x 8	7.1
600/BCD/T25/W2.200/HFG/2TCL55	2 x 55W TC-L	570	122	552	4 x 8	7.1



Broadspread Designer



190/BSD/W2.200/S/1558

SPECIFICATION

- Steel faceted body finished RAL 9016 for individual mounting.
- Injection moulded end caps colour matched to body.
- Single, twin three and four lamp options.
- 190, 320 and 600mm widths.
- 600, 1200 and 1500mm lamp sizes.
- Flange body configuration eliminates lightspill.
- Flat top wedge louvre with full profile end caps ~ positive shoot bolt retention.
- LG3 Cat 2.
- Louvre material finish options:~ Clearlux, Midlux and Hilux.
- Scallop wedge louvre and asymmetric louvre options available.
- Switchstart gear standard ~ High Frequency option.
- Fuse terminal block optional.
- Programmable control options:~ Command intelligent, LIGHTmaster or other central management options see page 253.

SURFACE DESIGNER

OPTIONS

Louvres substitute W2.200 suffix:~

/W2.500 Semi-specular 500 louvre Midlux

/W2.1000 Semi-specular 1000 louvre Hilux

/ASYX Asymmetric Specular louvre

Gear substitute S suffix:~

/HFG High frequency gear

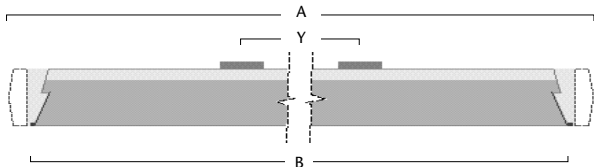
Fused terminal block add suffix:~

/FTB Fused terminal block

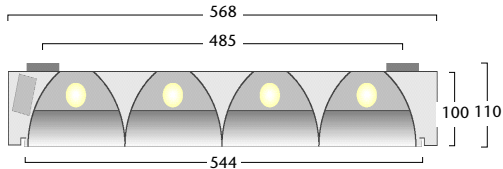
EMERGENCY CODES

EM2IN All 18W lamp luminaires

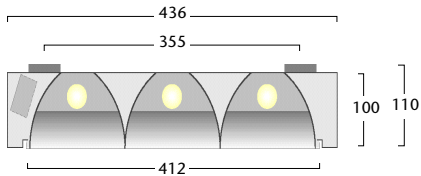
EM45IN All 36W and 58W lamp luminaires



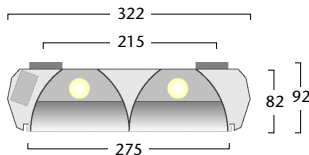
Quadruple lamp



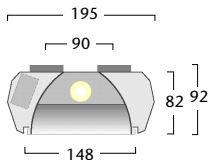
Triple lamp



Twin lamp



Single lamp



ORDER CODES	FEATURES AND DIMENSIONS MM			
	Lamp ways	Longitudinal dimensions		Fixed centre
		A	B	Y
190/BSD/W2.200/S/1436	1 x 36W T8	1257	1217	900 x 90
190/BSD/W2.200/S/1558	1 x 58W T8	1557	1517	900 x 90
320/BSD/W2.200/S/2436	2 x 36W T8	1257	1217	900 x 215
320/BSD/W2.200/S/2558	2 x 58W T8	1557	1517	900 x 215
440/BSD/W2.200/S/3218	3 x 18W T8*	632	608	500 x 355
570/BSD/W2.200/S/4218	4 x 18W T8*	632	608	500 x 485
440/BSD/W2.200/S/3436	3 x 36W T8*	1242	1218	900 x 355
570/BSD/W2.200/S/4436	4 x 36W T8*	1242	1218	900 x 485

* These products are non-profile steel end cap luminaires

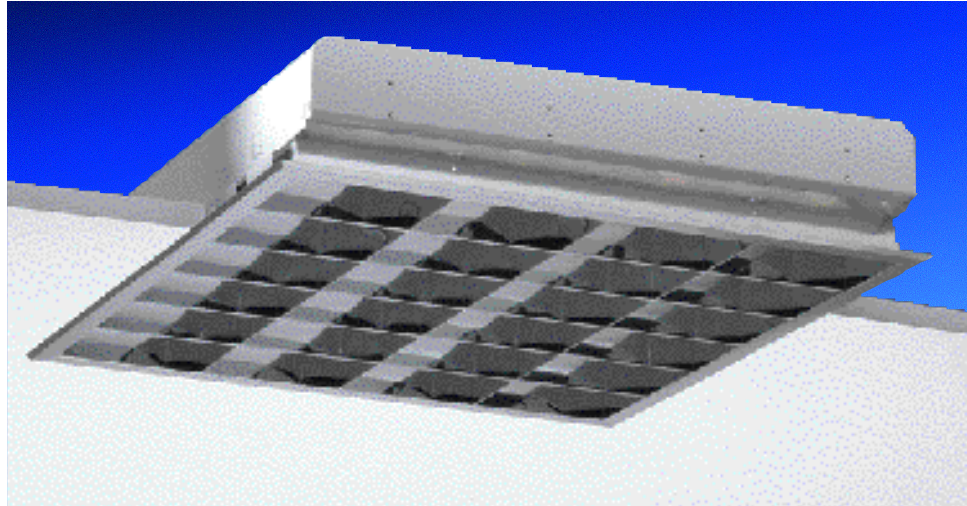


Broadspread *Conforma*

RECESSED CONFORMA

SPECIFICATION

- Universal body/louvre compatible with all common ceiling types.
- Twin, triple and quadruple lamp options.
- 300 and 600mm widths.
- 600 and 1200mm lamp sizes.
- Flat top wedge louvre with full profile end caps ~ positive retention.
- LG3 Cat 2.
- Louvre material finish ~ Clearlux.
- Switchstart gear standard ~ High frequency option.
- Side support brackets optional.
- Fuse terminal block optional.
- Optional light controllers:~
Crossblade louvre, framed flat sheet prismatic diffuser and Fabricated acrylic drop dish diffuser both Tp(a) or Tp(b).
- Air handling option available see page 276.
- Programmable control options:~
Command intelligent, LIGHT^{master} or other central management options see page 253.



600/BRC/T25/W2.200/S/4218

OPTIONS

Ceiling type substitute T25 suffix:~

/T15 15mm Tee version /TEG Tegular version
/CZ Concealed Z versions /ST Spring Tee

Louvres substitute W2.200 suffix:~

/X Crossblade louvre

Diffusers substitute W2.200 suffix:~

/P12A Framed acrylic flat sheet prismatic Tp(b)
/P12AF Framed Fabricated acrylic drop dish prismatic Tp(b)
/K12FG Framed Fire retardant flat sheet prismatic Tp(a)
/K12FGW Framed Fire retardant drop dish prismatic Tp(a)

Gear substitute S suffix:~

/HFG High Frequency gear

Side support brackets add suffix:~

/SB Side support brackets

Fused terminal block add suffix:~

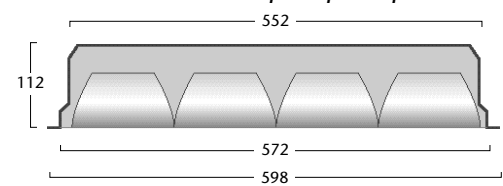
/FTB Fused terminal block

EMERGENCY CODES

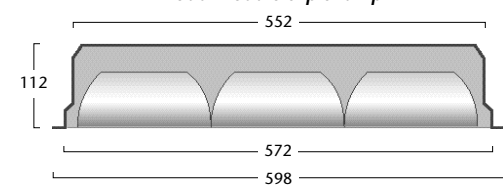
EM2IN All 18W lamp luminaires

EM45IN All 36W lamp luminaires

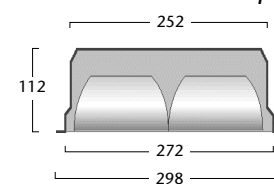
600 module quadruple lamp



600 module triple lamp



300 module twin lamp



300 & 600 module length



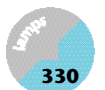
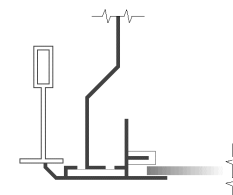
FEATURES AND DIMENSIONS MM

Lamp ways	Longitudinal dimensions			Weight Kg
	A	B	C	
2 x 18W	598	572	618	4
2 x 36W	1172	1192	1226	5
3 x 18W	598	572	618	5
3 x 36W	1172	1192	1226	9
4 x 18W	598	572	618	5.5
4 x 36W	1198	1172	1226	9.5

ORDER CODES

300/BRC/T25/W2.200/S/2218	2 x 18W	598	572	618	4
300/BRC/T25/W2.200/S/2436	2 x 36W	1172	1192	1226	5
600/BRC/T25/W2.200/S/3218	3 x 18W	598	572	618	5
600/BRC/T25/W2.200/S/3436	3 x 36W	1172	1192	1226	9
600/BRC/T25/W2.200/S/4218	4 x 18W	598	572	618	5.5
600/BRC/T25/W2.200/S/4436	4 x 36W	1198	1172	1226	9.5

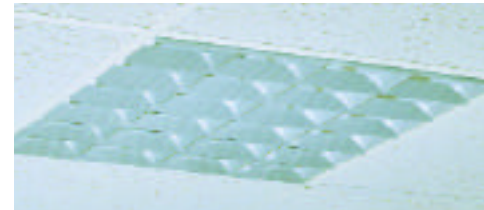
Optional Framed Diffuser 15mm
Exposed Tee Integration



Broadspread *Performa*

RECESSED PERFORMA

Flatsheet diffuser option



600/BRP/T25/W2.200/S/4218 Category 2 wedge option

Cross blade option

SPECIFICATION

- Compatible with 15mm and 25mm exposed Tee 38mm standard ceilings.
- Twin, triple and quadruple lamp options.
- 300 and 600mm widths.
- 600 and 1200mm lamp sizes.
- Flat top wedge louvre ~ lay-in.
- LG3 Cat 2 .
- Louvre material finish ~ Clearlux.
- Switchstart gear standard ~ High frequency option.
- Side support brackets optional for alternative ceiling tee depths.
- Fuse terminal block optional.
- Optional light controllers:~ Crossblade louvre, flat sheet prismatic diffuser and Fabricated drop dish diffuser both Tp(a) or Tp(b).
- Air handling option available see page 276.
- Programmable control options:~ Command intelligent, LIGHT^{master} or other central management options see page 253.

ORDER CODES

300/BRP/T25/W2.200/S/2436	2 × 36W
600/BRP/T25/W2.200/S/3218	3 × 18W
600/BRP/T25/W2.200/S/4218	4 × 18W
600/BRP/T25/W2.200/S/3436	3 × 36W
600/BRP/T25/W2.200/S/4436	4 × 36W

OPTIONS

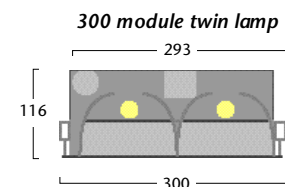
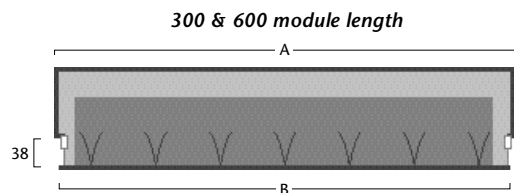
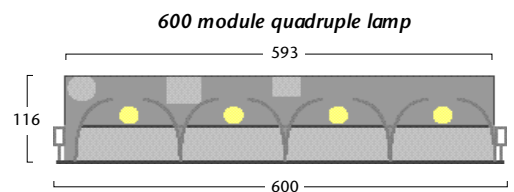
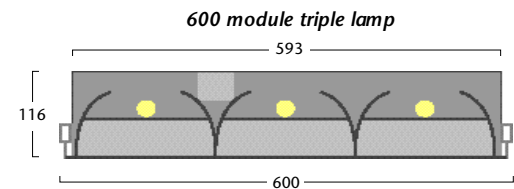
Ceiling type substitute T25 suffix:~	
/T15	15mm Tee version
Louvres substitute W2.200 suffix:~	
/X	Crossblade louvre
Diffusers substitute W2.200 suffix:~	
/P12S	Styrene flat sheet prismatic Tp(b) *
/P12A	Acrylic flat sheet prismatic Tp(b) *
/P12AW	Acrylic drop dish prismatic Tp(b)
/K12FG	Fire retardant Flat sheet Tp(a) *
/K12FGW	Fire retardant drop dish Tp(a)
* For T15 ceiling see RNT range on page 49	
Gear substitute S suffix:~	
/HFG	High Frequency gear
Side support brackets add suffix:~	
/SB	Side support brackets
Fused terminal block add suffix:~	
/FTB	Fused terminal block

EMERGENCY CODES

EM2IN	All 18W lamp luminaires
EM45IN	All 36W lamp luminaires

DIMENSIONS MM AND WEIGHT

	A		B		Weight
					Kg
300/BRP/T25/W2.200/S/2436	1227	1200			4.5
600/BRP/T25/W2.200/S/3218	617	600			4.5
600/BRP/T25/W2.200/S/4218	617	600			5
600/BRP/T25/W2.200/S/3436	1227	1200			8.5
600/BRP/T25/W2.200/S/4436	1227	1200			9



288

330

253

Broadspread Compliance

RECESSED COMPLIANCE

SPECIFICATION

- Compatible with 15mm and 25mm exposed Tee 38mm deep standard ceilings.
- Triple or quadruple lamp options available.
- 600mm width.
- 600mm lamp sizes.
- Flat top wedge louvre ~ lay in.
- LG3 Cat 2.
- Louvre material finish ~ Clearlux.
- Switchstart gear standard ~ High frequency option.
- Cross Blade louvre option.
- Flat sheet prismatic diffuser Tp(a) or Tp(b).
- Optional side support brackets for alternative ceiling tee depths.
- Fuse terminal block optional.
- Air handling option available see page 276.
- Programmable control options:~ Command intelligent, LIGHT^{master} or other central management options see page 253.

ORDER CODES

600/BRCP/T25/W2.200/S/3218	3 × 18W
600/BRCP/T25/W2.200/S/4218	4 × 18W

OPTIONS

Ceiling type substitute T25 suffix:~
/T15 15mm Tee version

Louvres substitute W2.200 suffix:~
/X Crossblade louvre

Diffusers substitute W2.200 suffix:~
/P12S Styrene flat sheet prismatic Tp(b) *
/P12A Acrylic flat sheet prismatic Tp(b) *
/K12FG Fire retardant flat sheet prismatic Tp(a) *

* For T15 ceiling see RNT range on page 49

Gear substitute S suffix:~
/HFG High Frequency gear

Side arm brackets add suffix:~
/SB Fused terminal block

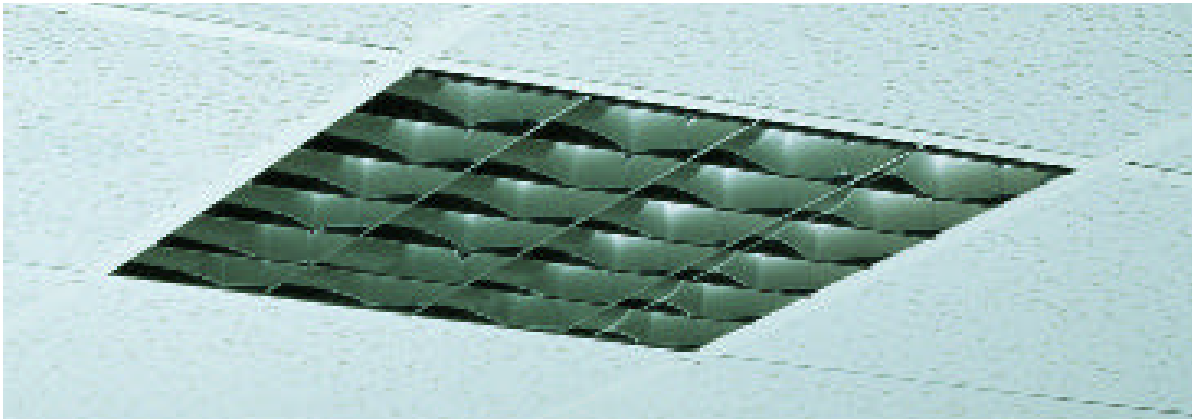
Fused terminal block add suffix:~
/FTB Side arm brackets

EMERGENCY CODES

EM2IN All 18W lamp luminaires

WEIGHT

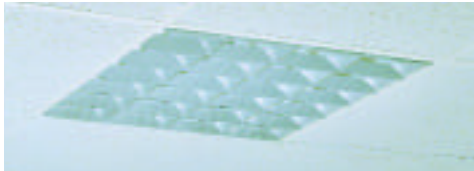
	Kg
600/BRCP/T25/W2.200/S/3218	4.5
600/BRCP/T25/W2.200/S/4218	5



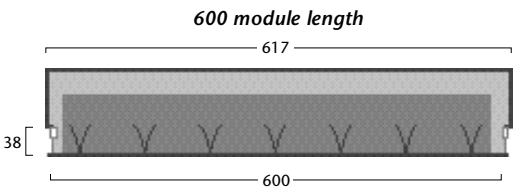
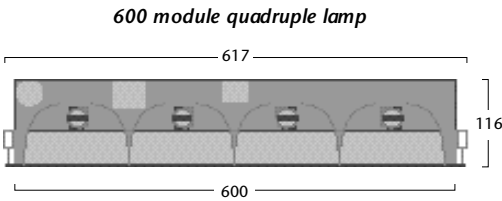
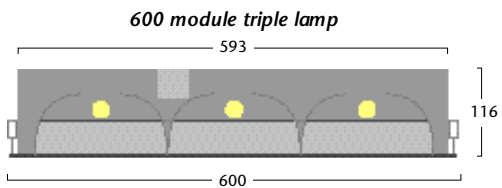
600/BRCP/T25/W2.200/S/4218
Category 2 wedge option



Flatsheet Diffuser Option

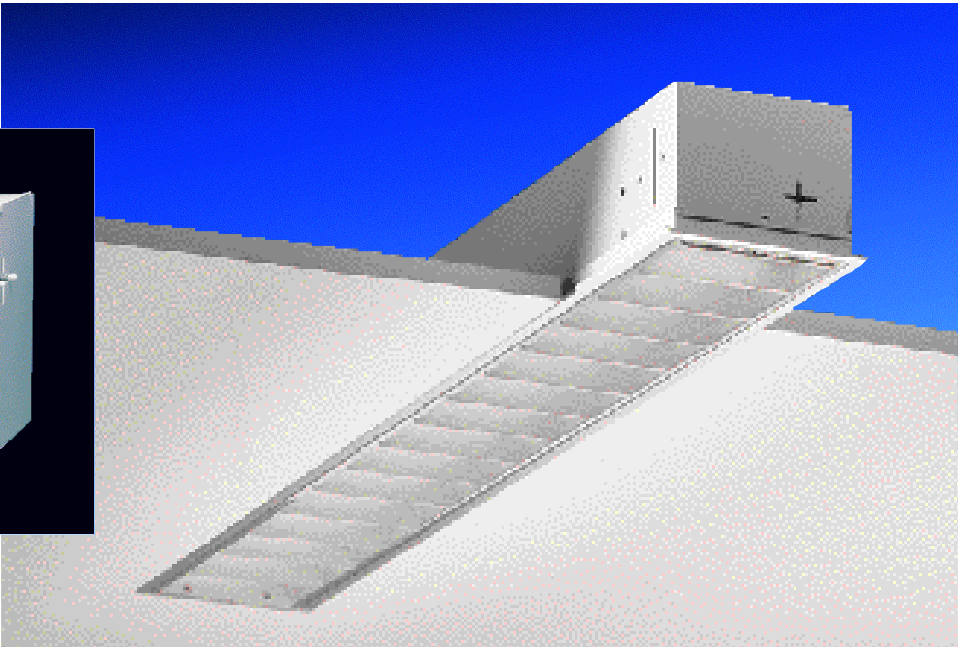


Cross Blade Option



Broadspread Asymmetric

RECESSED ASYMMETRIC



171/ASYR/X/S/1436

SPECIFICATION

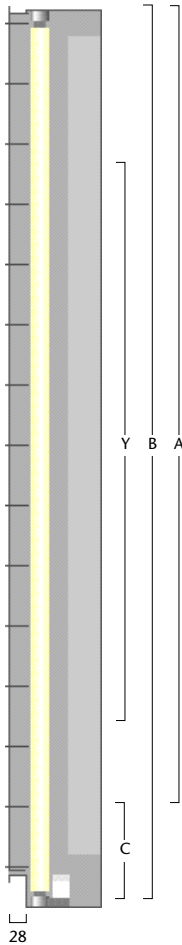
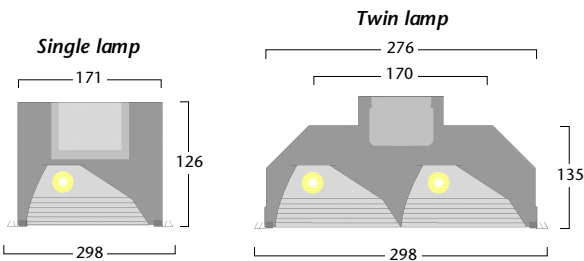
- Specular asymmetric profile, aluminium reflector gives unidirectional intensity distribution; ideal for wall washing.
- Fluted crossblade louvre provides glare control for general applications. VDT compatible versions to special order.
- Louvre retention by spring loaded shoot bolts.
- Switchstart control gear as standard, other gear types available upon request.
- Optional side support brackets.

OPTIONS

Side support brackets	add suffix to order code:~
/SB	Side support brackets
Fused terminal block	add suffix:~
/FTB	Fused terminal block

EMERGENCY CODES

EM61N	171/ASYR/X/S/1670 300/ASYR/X/S/2670
EM45IN	All other products



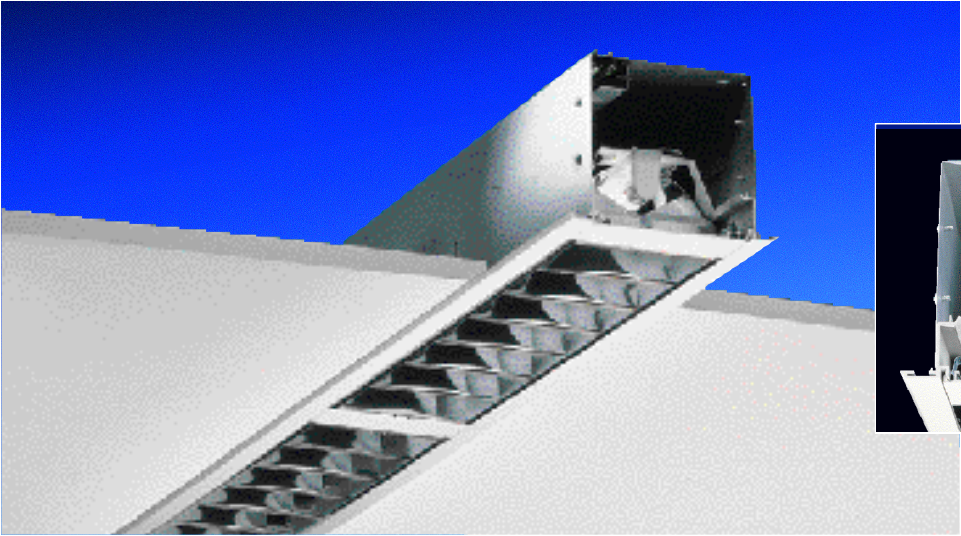
ORDER CODES	FEATURES AND DIMENSIONS MM						Wt Kg
	Lamp ways	Longitudinal dimensions			Fixing centre	Fixing detail	
171/ASYR/X/S/1436	1 x 36W	A	B	C	Y	NoxØ	5.9
171/ASYR/X/S/1558	1 x 58W	1198	1227	45	1000	Ø20	6.8
171/ASYR/X/S/1670	1 x 70W	1498	1527	45	1000	Ø20	7.7
300/ASYR/X/S/2436	2 x 36W	1798	1791	9	600	Ø20	9.4
300/ASYR/X/S/2558	2 x 58W	1198	1227	45	600	Ø20	10.7
300/ASYR/X/S/2670	2 x 70W	1498	1527	45	800	Ø20	11.9



8475 Continuous

RECESSED CONTINUOUS

The 8475 system is based on a continuous recessed trough, with rigid extruded aluminium flanges, compatible with most popular ceiling types. In addition to the standard single and twin lamp designs a number of special flange extrusions can be offered to achieve alternative trough widths and integration with specific architectural ceiling systems.



The trough is built up using a range of standard modules which include corner boxes, Tee boxes, and various terminal units as well as straight, intermediate units. Jointing plates and flange inserts ensure perfect alignment of the trough modules.

Gear trays, which locate on extruded rails within the trough, are supplied complete with lampholders and control gear to the specification. Electrical connection is effected from trough mounted fused terminal blocks to the gear trays via a flying lead with jack plug and socket.

Louvres for the 8475 system are of the Broadspread 130 series providing all the benefits of Broadspread photometric performance in a continuous format. The louvre types compatible with the 8475 system are Broadspread Wedge to LG3 Categories 1, 2 or 3 for VDT environments, Broadspread Crossblade for general applications and retail lighting and Broadspread Asymmetric for unidirectional lighting and wallwashing.

The luminaire elements of the system ~ gear trays and louvres are positioned along the recessed trough at any point and the spaces in between filled by a clip-in aluminium infill panel. The luminaires can thus be positioned and repositioned, easily and accurately, to accommodate changes to desk layouts, work stations, building modules, partitions and corridors.

SPECIFICATION

- Suspended zintec trough, in single or twin lamp widths, fully integrates with the suspended ceiling.
- Extruded aluminium flanges and steel flange alignment plates ensure lateral rigidity and accurate alignment of trough units.
- Special flange extrusions for specific ceiling types.
- Tee junctions and corner boxes available.
- Gear trays and louvres slide to any position along continuous trough.
- Mains wiring carried in enclosed wiring channel.
- Accepts any Broadspread 130 series louvres; Crossblade, Asymmetric or Wedge to CIBSE LG3 Cat 1, 2 or 3.
- Louvres retained by spring loaded shoot bolts.
- Switchstart control gear as standard, Microloss and other gear types available upon request.
- Can accommodate supply or return air grilles.
- Crosstalk and noise attenuation control available.

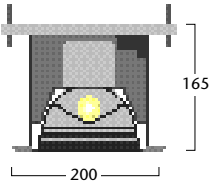
ORDER CODES

The 8475 system is designed to meet the requirements of the space in which it is to be installed. This requires close liaison with the client and Whitecroft Lighting. Please contact our technical department for more information.

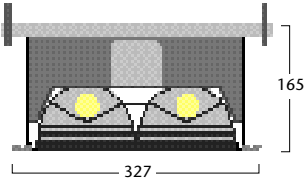
OPTIONS

The standard system can be further enhanced through the incorporation of additional requirements. Provision for smoke alarms, public address systems, partition location and noise attenuation baffles are all available options. A special flange extrusion allows linear air supply ducts to be locked onto the trough whilst grilles for supply or return air can be accommodated within the trough. Alternatively return air can be taken through the louvre and gear tray arrangement.

Single lamp

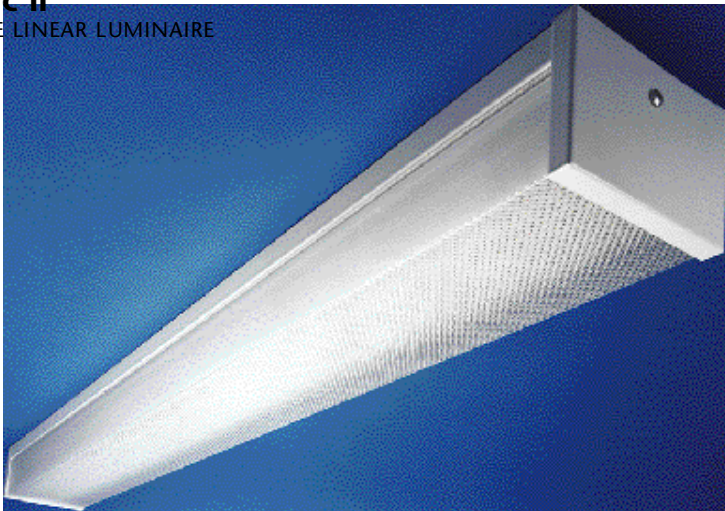


Twin lamp

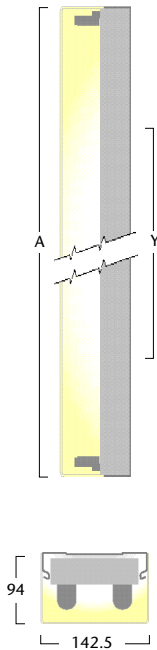


Classic II

CLASSIC II
SURFACE LINEAR LUMINAIRE



Acrylic diffuser



CLA/S/2558

SPECIFICATION

- Single and twin lamp versions available.
- Available in 600, 1200, 1500 and 1800mm versions.
- Four diffuser options:~ Styrene, Acrylic, Acrylic Refractor and Polycarbonate.
- Optional acrylic diffuser with edge refractor for hospital centre ward lighting giving reduced glare to recumbent patient ~ single lamp only 4', 5' and 6'.
- Diffuser is retained along whole length by rolled body profile and secured by one fixed and one removable end cap.
- Fully removable gear tray with fused jackplug connector.
- Switchstart gear as standard.
- IP40.
- White powder coated finish.
- BESA fixings as standard.
- Fully integrated emergency version available ~ suitable for use in defined escape routes when polycarbonate diffuser option selected.
- Other gear options available on request.
- To reduce number of wiring points, high frequency gear tandem option available for continuous mounting.
- Optional wire guard available.
- Energy saving Command option.

OPTIONS

Diffusers substitute CLA suffix:~

/CLS Styrene

/CLAR Acrylic refractor

/CLP Polycarbonate

Wire guard d insert suffix after order code:~

/WG Wire guard

EMERGENCY CODES

EM2IN All 18W lamp luminaires

EM45IN All 36W and 58W lamp luminaires

EM6IN All 70W lamp luminaires

ORDER CODES

	Lamp ways	Longitudinal dimensions	Fixing centre	Fixing details
		A	Y	No of Ø
CLA/S/1218	1 × 18W	624	onc	1
CLA/S/1436	1 × 36W	1233	305	3
CLA/S/1558	1 × 58W	1533	305	3
CLA/S/1670	1 × 70W	1798	305	3
CLA/S/2218	2 × 18W	624	onc	1
CLA/S/2436	2 × 36W	1233	305	3
CLA/S/2558	2 × 58W	1533	305	3
CLA/S/2670	2 × 70W	1798	305	1

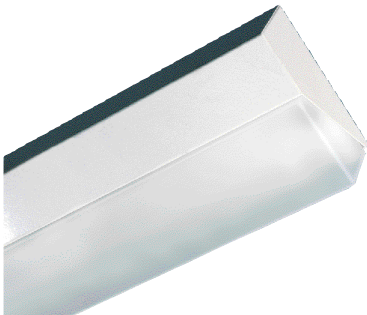
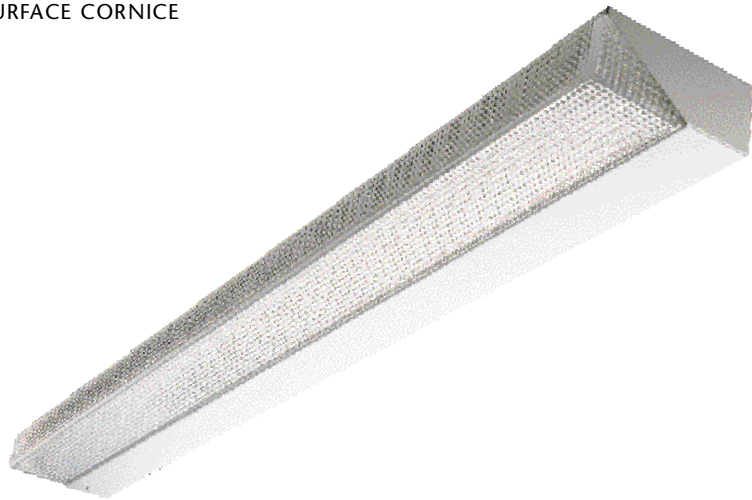
FEATURES AND DIMENSIONS MM

Lamp ways	Longitudinal dimensions	Fixing centre	Fixing details
	A	Y	No of Ø
1 × 18W	624	onc	1
1 × 36W	1233	305	3
1 × 58W	1533	305	3
1 × 70W	1798	305	3
2 × 18W	624	onc	1
2 × 36W	1233	305	3
2 × 58W	1533	305	3
2 × 70W	1798	305	1



Cornice

ODP
SURFACE CORNICE



ODO/S/1436

ODP/S/1436

SPECIFICATION

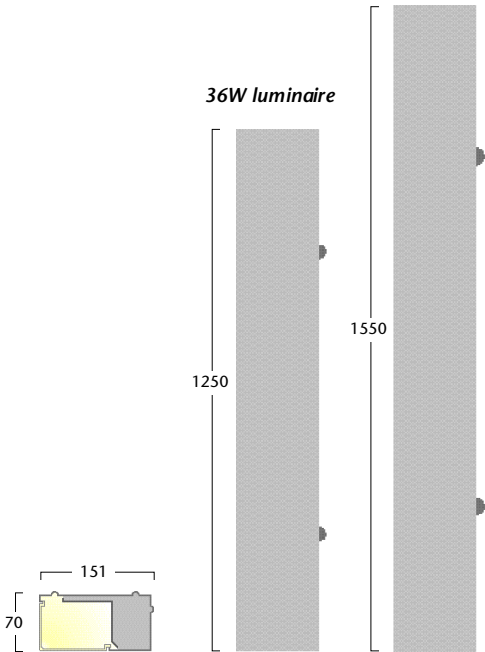
- High quality steel body with white stove enamel finish.
- Choice of prismatic (ODP) lens or opal (ODO) diffuser.
- Asymmetric distribution for corridor or over door lighting.
- Positive clip retention of diffuser minimises entry of dirt.
- Switchstart control gear as standard, other gear types available upon request.

ORDER CODES	
ODO/S/1436	1 × 36W
ODO/S/1558	1 × 58W
ODP/S/1436	1 × 36W
ODP/S/1558	1 × 58W

EMERGENCY CODES	
EM45IN	

58W luminaire

36W luminaire

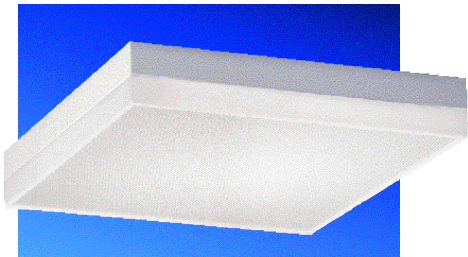
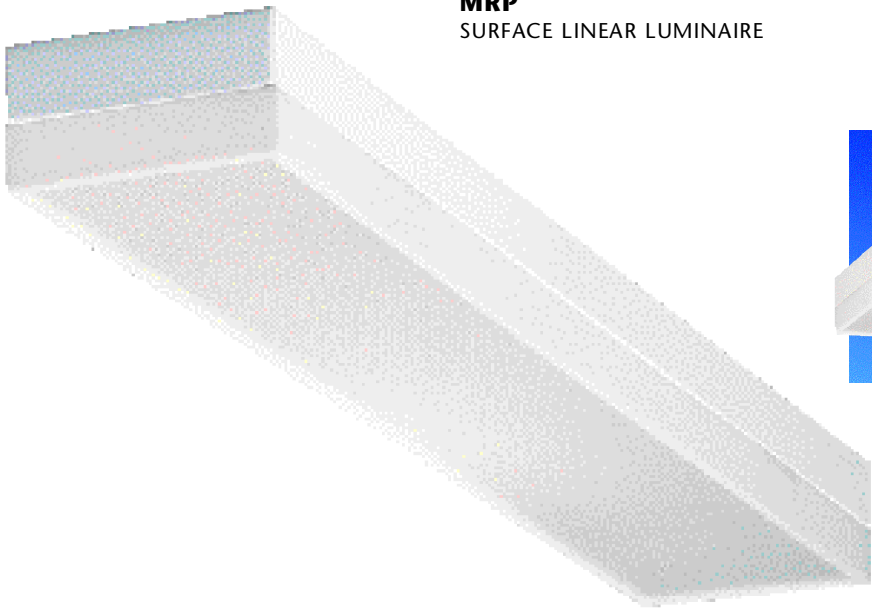


FEATURES	
Weights	Kg
ODO/S/1436	5.1
ODO/S/1558	6.0
ODP/S/1436	5.1
ODP/S/1558	6.0
Fixing details	
Number of Ø	2 × Ø20



MRP

MRP
SURFACE LINEAR LUMINAIRE



24/MRP/S/240U/W/P12SF

12/MRP/S/2558/W/P12SF

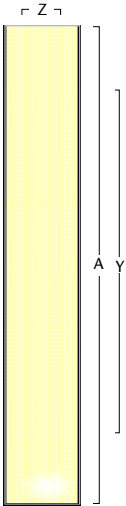
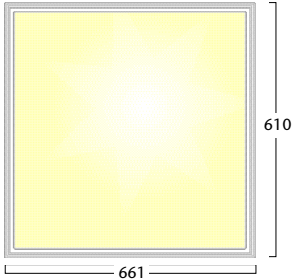
SPECIFICATION

- Rigid sheet steel body construction with white stove enamel finish.
- Fabricated dish controller with clear prismatic base and shallow opal side walls.
- Controller located and retained by wishbone springs.
- Switchstart control gear as standard, Microloss and other gear types available upon request.
- Two, three or four lampways.

OPTIONS	
Colour	substitute W suffix:~
/B	Black
Control Gear	substitute S suffix:~
/M	Microloss
/HFG	High frequency

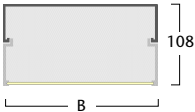
EMERGENCY CODES	
EM45IN	All 36W and 58W lamp luminaires
EM6IN	All 70W lamp luminaires

24/MRP/S/240U/W/P12SF



FEATURES AND DIMENSIONS MM							
Lamp ways	Longitudinal dimensions	Cross section		Fixing centre		Fixing detail	Wt kg
	A	B	C	Y	Z	NoxØ	
2 × 36W	1270	204	108	600	-	2 × BESA	9.0
2 × 58W	1575	204	108	915	-	2 × BESA	10.5
2 × 70W	1829	204	108	1200	-	2 × BESA	11.5
2 × 36W	1270	305	108	600	-	2 × BESA	9.5
2 × 58W	1575	305	108	915	-	2 × BESA	11.0
2 × 70W	1829	305	108	1200	-	2 × BESA	12.0
3 × 36W	1270	407	108	600	300	4 × BESA	16.5
3 × 58W	1575	407	108	915	300	4 × BESA	18.5
3 × 70W	1829	407	108	1200	300	4 × BESA	20.5
2 × 40WU	661	610	108	300	300	4 × Ø21	8.0
4 × 36W	1270	610	108	600	300	4 × BESA	17.0
4 × 58W	1575	610	108	915	300	4 × BESA	19.0
4 × 70W	1829	610	108	1200	300	4 × BESA	21.0

Cross section ~
all products



photometry

290

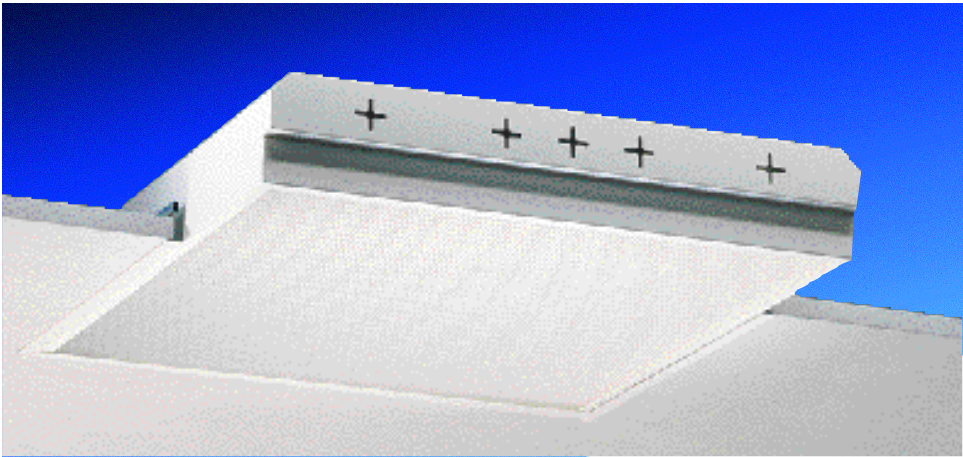
lamps

330

control

253

RNT
RECESSED MODULE

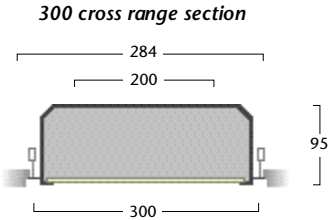
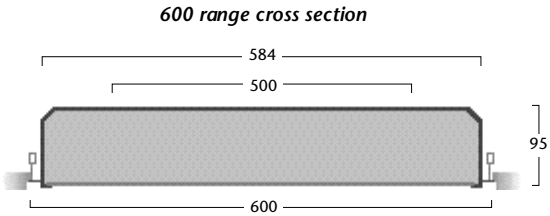
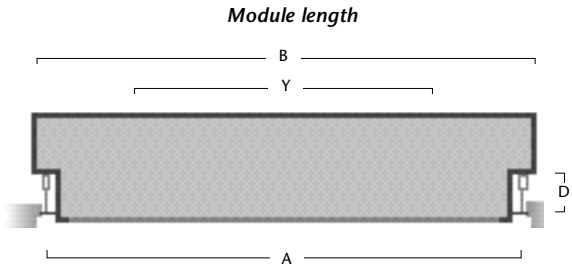


600/RNT/S/3218/P12S

- SPECIFICATION**
- Specifically designed for 15mm exposed Tee ceiling systems.
 - One piece enclosed steel canopy with white stove enamel finish.
 - Canopy dropped to complement tegular ceiling tiles.
 - Flat sheet prismatic controller as standard. Alternative controllers and lenses are available upon request.
 - Switchstart control gear as standard, Microloss and other gear types available upon request.
 - Single, twin, three or four lampways in nominal 300mm and 600mm widths.

OPTIONS	
Gear substitute S suffix:~	
/M	Microloss
/HFG	High frequency

EMERGENCY CODES	
EM2IN	All 18W lamp luminaires
EM45IN	All 36W and 58W lamp luminaires
EM6IN	All 70W lamp luminaires



ORDER CODES	FEATURES AND DIMENSIONS MM						
	Lamp ways	Longitudinal dimensions			Fixing centre	Fixing detail	Wt kg
		A	B	D	Y	NoxØ	
300/RNT/S/1436/P12S	1 × 36W	1200	1227	38	1000	4 × Ø8	6.0
300/RNT/S/1558/P12S	1 × 58W	1500	1527	38	1000	4 × Ø8	7.0
300/RNT/S/1670/P12S	1 × 70W	1800	1791	38	1500	4 × Ø8	8.0
300/RNT/S/2436/P12S	2 × 36W	1200	1227	38	1000	4 × Ø8	7.5
300/RNT/S/2558/P12S	2 × 58W	1500	1527	38	1000	4 × Ø8	8.5
300/RNT/S/2670/P12S	2 × 70W	1800	1791	38	1500	4 × Ø8	9.5
600/RNT/S/3218/P12S	3 × 18W	600	617	38	500	4 × Ø8	5.5
600/RNT/S/3436/P12S	3 × 36W	1200	1227	38	1000	4 × Ø8	12.5
600/RNT/S/3670/P12S	3 × 70W	1800	1791	38	1000	4 × Ø8	15.5
600/RNT/S/240U/P12S	2 × 40WU	600	617	38	500	4 × Ø8	7.0
600/RNT/S/4436/P12S	4 × 36W	1200	1227	38	1000	4 × Ø8	14.0
600/RNT/S/4670/P12S	4 × 70W	1800	1791	38	1000	4 × Ø8	17.0

