

Generation 300

Recessed



A high quality, trimmed luminaire compatible with a wide range of ceiling types.

- Particularly well suited to installations with restricted void depths.
- The use of superior, fully adjustable side arm support brackets allow the luminaire to be drawn up to the underside of the ceiling.
- Available with a range of controllers retained by wishbone springs for ease of installation and maintenance.
- The mitred trim provides a seamless union between the ceiling and luminaire.
- Designed and manufactured in modern facilities using sophisticated equipment and assembly methods.

CE IP20

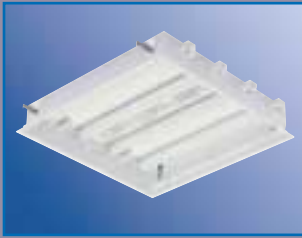


25
Years

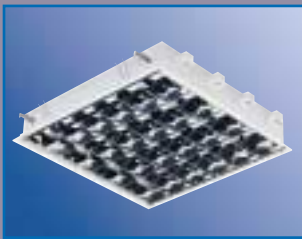
Dextra

Generation 300

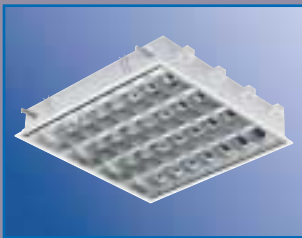
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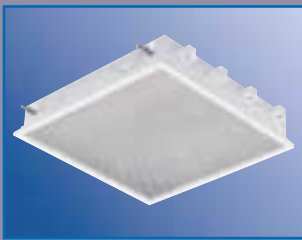
600 x 600 4 Lamp Luminaire



600 x 600 LG3 2001 65° Louvre



600 x 600 Low Brightness Louvre



600 x 600 Framed Prismatic Panel



The Generation 300 is a universal fully boxed luminaire which readily installs into a wide variety of ceiling types, including most exposed tee, spring tee, linear plank and plasterboards.

The luminaire is retained within the ceiling by the use of cleverly engineered side support brackets that are simple to operate and provide a highly effective fixing method (see below). Minimum lumafix bracket height is 38mm from face of luminaire.

Some grids require special end support brackets and greater end box clearance (50mm), or wide trims to ensure compatibility. Should this be the case please specify the End Mount (EM) or Wide Trim (WT) options accordingly.

Manufactured from CR4GP steel, pre-treated through a three stage iron phosphate system for paint adhesion and durability, and then finished with a white, high gloss, epoxy polyester powder coated paint.

Designed to suit our robotic wire and test equipment for optimum quality and reliability.

The mitred trim provides a 6mm seamless union between the ceiling and luminaire, combining the benefits of rigidity and synergy with modern tile design.

A wide range of control gear is available including switch start, high frequency electronic, analogue dimming and digital dimming systems.

3 hour maintained emergency versions available as standard on all models.

All controllers are retained by wishbone springs for efficient, safe installation and easy maintenance.

Controller options include wedge crossblade louvres compliant with LG3 1996 and 2001, general purpose low brightness louvres and prismatic panels including TP(a) fire rated.

Manufactured to BSEN 60598 specification and CE marked to comply with EMC regulations.

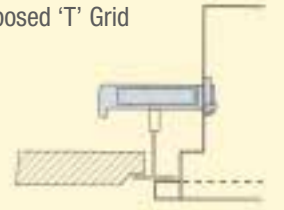
For full technical luminaire, ceiling compatibility and photometric data please contact our Lighting Services Department. A free, comprehensive design facility is also available on request.



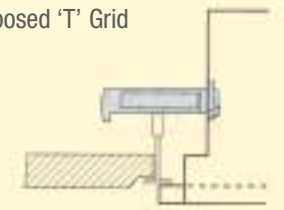
The side arm support brackets push into the holes at the top of the slots in the sides of the luminaire body. The brackets then slide down onto the grid or adjacent ceiling structure. Once the trim is at the required height the bracket can then be rotated clockwise to lock the fitting into place.

Fixing Methods for Various Ceiling Types

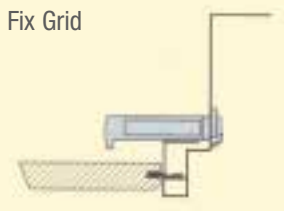
25mm Exposed 'T' Grid



15mm Exposed 'T' Grid

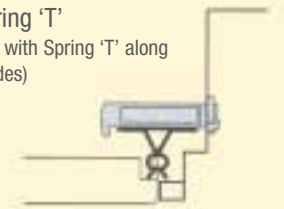


Concealed Fix Grid

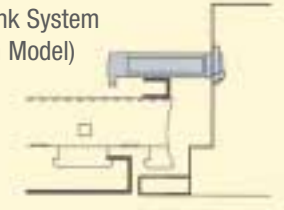


44mm Spring 'T'

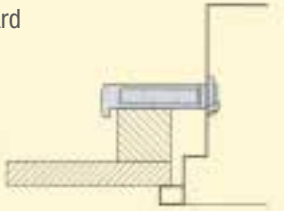
(For use only with Spring 'T' along Luminaire sides)



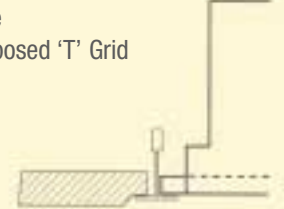
Linear Plank System (Wide Trim Model)



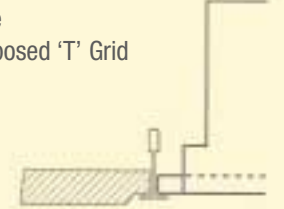
Plasterboard



Alternative 25mm Exposed 'T' Grid



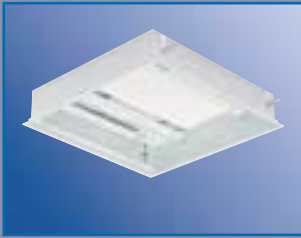
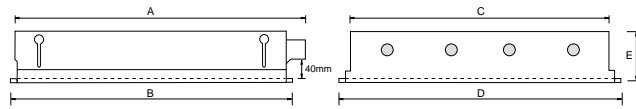
Alternative 15mm Exposed 'T' Grid



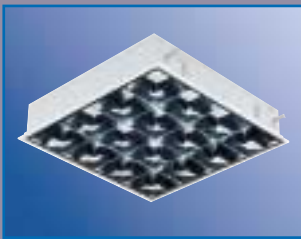
Generation 300

Recessed

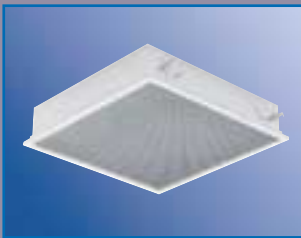
Order Details



600 x 600 2 x 40w TC-L
Lamp Compact Luminaire



600 x 600 Compact LG3
2001 65° Louvre



600 x 600 Compact Framed
Prismatic Panel



300 x 300 Compact LG3 2001
65° Louvre

NB: Some gear and controller options are not available with certain body styles.

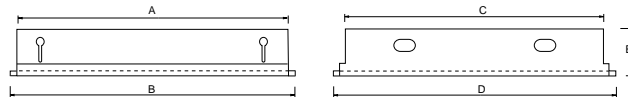
Luminaire Details

Code	Nominal Size	Lamps	Weight (kg)	Dimensions					Cut out size for Solid Ceilings
				A	B	C	D	E	
G632	600 x 300	2 x 18w	4.66 kg	620	597	248	297	103	580 x 280
G662*	600 x 600	2 x 18w	5.81 kg	620	597	548	597	103	580 x 580
G663	600 x 600	3 x 18w	6.27 kg	620	597	548	597	103	580 x 580
G664	600 x 600	4 x 18w	6.41 kg	620	597	548	597	103	580 x 580
G1262*	1200 x 600	2 x 36w	9.88 kg	1230	1197	548	597	103	1180 x 580
G1263	1200 x 600	3 x 36w	10.52 kg	1230	1197	548	597	103	1180 x 580
G1264	1200 x 600	4 x 36w	11.14 kg	1230	1197	548	597	103	1180 x 580
G1232	1200 x 300	2 x 36w	7.58 kg	1230	1197	248	297	103	1180 x 280
G1532	1500 x 300	2 x 58w	9.38 kg	1530	1497	248	297	103	1480 x 280
G1832	1800 x 300	2 x 70w	11.95 kg	1792	1797	248	297	103	1780 x 280

* LG3 Louvres not available

Code	Nominal Size	Lamps	Weight (kg)	Dimensions					Cut out size for Solid Ceilings
				A	B	C	D	E	
GENT5 214/224*	600 x 600	2 x 14w HE 2 x 24W HO	5.00 kg	572	597	548	597	103	580 x 580
GENT5 314/324*	600 x 600	3 x 14w HE 3 x 24W HO	5.07 kg	572	597	548	597	103	580 x 580
GENT5 414/424*	600 x 600	4 x 14w HE 4 x 24W HO	5.12 kg	572	597	548	597	103	580 x 580
GENT5 228/254*	1200 x 600	2 x 28w HE 2 x 54W HO	6.88 kg	1172	1197	548	597	103	1180 x 580
GENT5 328/354*	1200 x 600	3 x 28w HE 3 x 54W HO	9.18 kg	1172	1197	548	597	103	1180 x 580
GENT5 428/454*	1200 x 600	4 x 28w HE 4 x 54W HO	9.28 kg	1172	1197	548	597	103	1180 x 580
GENT5 63214/63224	600 x 300	2 x 14w HE 2 x 24W HO	3.96 kg	572	597	248	297	103	580 x 280
GENT5 123228/123254	1200 x 300	2 x 28w HE 2 x 54W HO	6.50 kg	1172	1197	248	297	103	1180 x 280
GENT5 153235/153249	1500 x 300	2 x 35w HE 2 x 49W HO	9.28 kg	1472	1497	248	297	103	1480 x 280
1532280		2 x 80W HO							

* LG3 Louvres not available NB Please check compatibility before ordering



Compact Luminaire Details

Code	Nominal Size	Lamps	Weight (kg)	Dimensions					Cut out size for Solid Ceilings
				A	B	C	D	E	
G33211	300 x 300	2 x 11w TC-S	2.85 kg	270	299	270	299	130	280 x 280
G33218	300 x 300	2 x 18w TC-L	2.45 kg	270	299	270	299	130	280 x 280
G33128*	300 x 300	1 x 28w TC-DD	3.00 kg	270	299	270	299	130	280 x 280
G33138*	300 x 300	1 x 38w TC-DD	3.00 kg	270	299	270	299	130	280 x 280
G55236	500 x 500	2 x 36w TC-L	4.30 kg	469	497	448	497	125	480 x 480
G66236	600 x 600	2 x 36w TC-L	5.30 kg	569	597	548	597	125	580 x 580
G66240/55**	600 x 600	2 x 40w/55w TC-L	5.40 kg	569	597	548	597	125	580 x 580
G66336	600 x 600	3 x 36w TC-L	5.55 kg	569	597	548	597	125	580 x 580
G66340/55**	600 x 600	3 x 40/55w TC-L	5.85 kg	569	597	548	597	125	580 x 580

*Remote Emergency Pack

**High Frequency Only

All controllers are retained by wishbone springs for efficient, safe installation and easy maintenance.

Control Gear Variants - Suffix

Code	Description
HF	High Frequency Electronic
HFR	High Frequency Dimming (Analogue 1-10V)
DDC	Digital Dimming Control
DS	Double Switching Facility
AH	Air Handling Facility (Please indicate Litres per second)
E3	3 Hour Maintained Emergency Pack (Integral)
EM	End Mounted Body/Bracket

Louvres & Panels - Suffix

Code	Description
C1	LG3 2001 55° (LG3 1996 CAT 1) Louvre*
C2	LG3 2001 65° (LG3 1996 CAT 2) Louvre*
C3	LG3 1996 CAT 3 Louvre*
LB	Ribbed Crossblade Low Brightness Louvre
TP(a)	Framed Prismatic Panel TP(a)
TP(b)	Framed Prismatic Panel TP(b)
Box TP(a)	Boxed clear prismatic TP(a)

For application advice and lighting designs please contact our lighting services department on: **01747 858120**

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Product Range

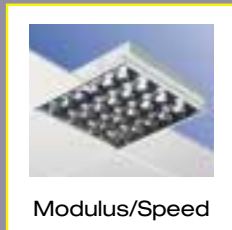
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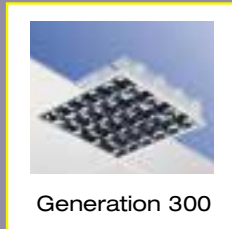
Pace Excel



Combi



Modulus/Speed



Generation 300



Impervia R

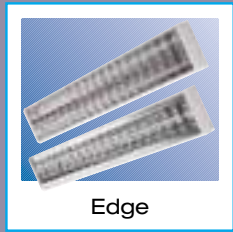


Dex T5



Avalon

Surface



Edge



Edge Modular



Duet



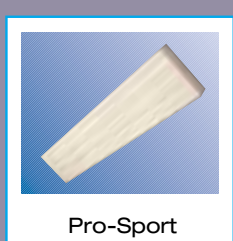
Duet Modular



Duet T5



Scholar



Pro-Sport

Indirect



Qel



Qel Linear



Axant



Ambient



Duet Bi-directional



Reflex

Emergency



OER



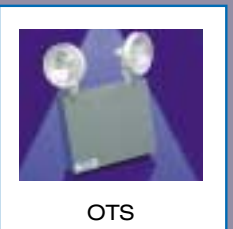
OEX



OES



OEE



OTS



Dextec

Industrial



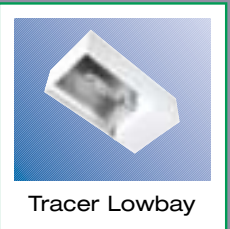
Dexpax



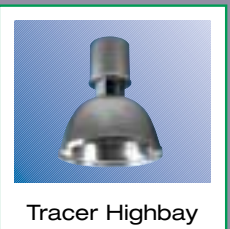
Dexpax T5



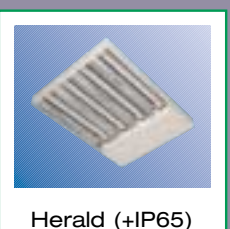
Impervia 65



Tracer Lowbay



Tracer Highbay

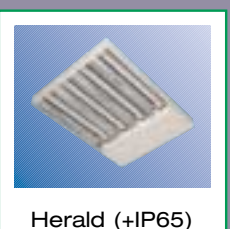


Herald (+IP65)

Downlighters



Dextec



Herald (+IP65)

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