

Hygiene Range








Thorn Hygiene offers unrivalled industry specific lighting solutions. It's the only lighting range to be endorsed by leading food safety organisation HACCP.

This widely recognised accreditation gives assurance and peace of mind that Thorn Hygiene luminaires meet the stringent requirements for food and food-related applications – whether retail, service or manufacturing.

Hygiene is a family of luminaires where the entire range uses high grade 316 stainless steel. There is a variety of mounting styles, shapes and sizes to choose from



Hygiene

	T26 (FD)	G13	36-58W
	T16 (FD)	G5	54W
	TC-L (FSD)	2G11	24-55W
	TC-TEL (FSM)	GX24q-5	57W
	HIE (ME)	E40	250-400W
	HSE (SE)	E40	250-400W
AS/NZS 60598			Class I Electrical

Robust stainless steel lighting solutions with 'food safe' assurance



Surface Fluorescent Mount

- Stainless Steel 316 construction
- Available in four options as:
 1. Flat Back (FB)
 2. Wall Mount (WM)
 3. Chamfer Top (CT)
 4. Peak Top (PT)
- High frequency and fused control gear as standard
- Removable gear tray
- Fully seam welded

Materials/Finish

Body: Stainless steel 316.
 Diffuser: Blow moulded clear acrylic stippled finish.
 Gear Tray: Treated steel with white powder coat.
 Screws: Stainless Steel
 Gaskets: Food grade closed cell cellular rubber.

Installation/Mounting

Suitable for direct wall/ceiling mount, suspended (PT) versions have brackets for chain or wire suspension. Terminals are suitable for 2x2.5mm². Cable entry and fixing holes need to be drilled at required locations to suit at site.

Specification

To specify state: Wall/ceiling mounted or suspended stainless steel twin luminaire with 36/58W T16 (FD) lamps, with electronic control gear and acrylic diffuser.
 As Thorn Hygiene Surface Fluorescent.



1. Flat Back (FB)



2. Wall Mount (WM)



3. Chamfer Top (CT)



4. Peak Top (PT)

Recessed T5



- HF warm start electronic control gear and fused as standard
- T5 High Output lamps
- Rear Access
- Diffuser sealed into trim
- Designed to be installed in EPS style ceiling

Materials/Finish

Body: Phosphate treated steel with high reflective powder coat finish.
 Diffuser: Acrylic prismatic Y15 pattern sheet.
 Diffuser Frame: Manufactured from grade 316 stainless steel.
 Gaskets: food grade seals.

Installation/Mounting

Body recessed into EPS panel ceiling fixed with clamping bracket from ceiling void above. Install gear tray and back plate.

Specification

To specify state: Recessed mounted stainless steel trim luminaire with 54W T5 HO/55W TC-L with integral HF electronic warm start ballasts with prismatic acrylic diffuser.
 As Thorn Hygiene Recessed T5.

Wall Mount Small



- Removable gear tray
- Electronic gear and fused as standard

Materials/Finish

Body: Stainless Steel 316.
 Diffuser: Injection moulded clear acrylic square lens.
 Gear Tray: Treated steel with white powder coat.
 Screws: Stainless Steel
 Gaskets: Food grade.

Installation/Mounting

Surface mounted suitable for wall mounting.

Specification

To specify state: Wall mounted stainless steel luminaire with TC-TEL 2x57W / TC-L 1x24W lamp, with integral control gear and non-dust accumulating design.
 As Thorn Hygiene Wall Mount Small.

Wall Mount Large



- Reactor/Ignitor control gear
- Removable gear tray
- Auxiliary lamp options/AX
- Stainless Steel 316 construction and fully seam welded
- HF warm start electronic control gear and fused as standard
- Simple installation and maintenance
- Manufactured from materials to withstand aggressive atmospheres

Materials/Finish

Body: Stainless Steel 316.
Diffuser: Injection moulded clear acrylic square lens.
Diffuser Frame: Stainless Steel 316
Gear Tray: Treated steel with white powder coat.
Screws: Stainless Steel
Gaskets: Food grade.

Installation/Mounting

Suitable for direct wall mounting. Limiting surface temperature on rear makes it suitable for mounting on an EPS panel surface.

Specification

To specify state: Wall mounted stainless steel luminaire with 250W HPS/HIT lamp, with integral control gear and non-dust accumulating design.
As Thorn Hygiene Wall Mount Large.

Surface Lopak



- Suitable for industrial and commercial storage applications
- High performance reflector system
- Suspension or direct ceiling mounting
- Detachable gear tray for easy installation and maintenance
- Suitable for areas such as food stores and packaging stations

Materials/Finish

Body: Stainless Steel 316.
Reflector: High purity anodised aluminium.
Cover: protective toughened glass.

Installation/Mounting

Suitable for surface or suspension mounting.

Specification

To specify state: Shallow discharge reflector luminaire of rigid stainless steel construction with 250W MH or 250W HPS lamps.
As Thorn Hygiene Surface LoPak.

Recessed Discharge



- Externally mounted control gear and rear access options
- Fused as standard
- Auxiliary lamp options
- Toughened glass diffuser option
- Safety glass between lamp and diffuser lens as standard on MH models

Materials/Finish

Body: Phosphate treated steel with high reflective powder coat finish.
Diffuser: Injection moulded clear acrylic Triumph lens.
Diffuser Frame: Manufactured from grade 316 stainless steel. Gear Box: Phosphate treated steel with high reflective powder coat finish.
Gaskets: Food grade seals

Installation/Mounting

Body recessed into ceiling fixed with clamping bracket from ceiling above. Back plate installed and remote control gear connected.

Specification

To specify state: Recessed mounted stainless steel trim luminaire with 250W/400W/HPS/MH lamp with remote control gear box and acrylic Triumph lens.
As Thorn Hygiene Recess Discharge.

Surface and Suspended Fluorescent Ordering Guide Supplied complete with lamp

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
HYGIENE FB 2X36W T26 HF DM AC RS MSF I1840	FD	G13	9.30	96280176
HYGIENE FB 2X58W T26 HF DM AC RS MSF I1840	FD	G13	10.00	96280177
HYGIENE PT 2X36W T26 HF DM AC RS MSU I1840	FD	G13	7.40	96280178
HYGIENE PT 2X58W T26 HF DM AC RS MSU I1840	FD	G13	8.10	96280179
HYGIENE CT 2X36W HF T26 DM AC RS MSF I1840	FD	G13	7.20	96280180
HYGIENE CT 2X58W HF T26 DM AC RS MSF I1840	FD	G13	7.90	96280181
HYGIENE WM 2X36W HF T26 DM AC RS MVA I1840	FD	G13	7.00	96280182
HYGIENE WM 2X58W HF T26 DM AC RS MVA I1840	FD	G13	7.70	96280183

Recessed T5 and TC-L Fluorescent Ordering Guide Supplied complete with lamp

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
HYGIENE 4X54W T16 HF EFL PR MRE AR I1840	FDH	G5	8.1	96280202
HYGIENE 6X54W T16 HF EFL PR MRE AR I1840	FDH	G5	8.3	96280203
HYGIENE 8X54W T16 HF EFL PR MRE AR I1840	FDH	G5	8.5	96280204
HYGIENE 4X55W TC-L HF PR AC MRE I1840*	FSD	2G11	7.5	96280201

*TC-L Lamp versions are not rear access

Wall Mount Small Ordering Guide Supplied complete with lamp

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
HYGIENE 2X57W TC-T EFL RE RS MVA I1840	FSM	GX24q-5	15.90	96280216
HYGIENE 2X57/1X24W TC-T/L 2C MVA I1840	FSM/FSD	2G11/GX24q-5	17.30	96280217

Wall Mount Large Ordering Guide Supplied complete with lamps

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
HYGIENE 1X250W HSE PR AC RS MVA II	SE	E40	21.50	96280209
HYGIENE 1X250W HSE AUX PR AC RS MVA II	SE	E40	21.70	96280210
HYGIENE 1X250W HIE PR AC RS MVA II	ME	E40	21.50	96280211
HYGIENE 1X250W HIE AUX PR AC RS MVA II	ME	E40	21.70	96280212

* AUX - Auxiliary lamp option - 150W Tungsten Halogen Lamp

Surface LoPak Ordering Guide Supplied complete with lamp

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
HYGIENE LOPAK 1X250W HIE CL GL RS II	ME	E40	9.5	96280220
HYGIENE LOPAK 1X250W HSE CL GL RS II	SE	E40	9.5	96280221

Recessed Discharge Ordering Guide Supplied complete with lamp

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
HYGIENE 1X250W HSE PR AC MRE AR II	SE	E40	22.4	96280196
HYGIENE 1X250W HIE PR AC MRE AR II	ME	E40	22.3	96280198
HYGIENE 1X400W HSE PR AC MRE AR II	SE	E40	23.2	96280192
HYGIENE 1X400W HIE PR AC MRE AR II	ME	E40	23.2	96280194
HYGIENE 1X250W HSE AUX PR AC MRE AR II	SE	E40	22.7	96280197
HYGIENE 1X250W HIE AUX PR AC MRE AR II	SE	E40	22.6	96280199
HYGIENE 1X400W HSE AUX PR AC MRE AR II	SE	E40	23.4	96280193
HYGIENE 1X400W HIE AUX PR AC MRE AR IIE	ME	E40	23.4	96280195

* AUX - Auxiliary lamp option - 150W Tungsten Halogen Lamp

Surface Discharge Ordering Guide Supplied complete with lamp

Description	Ilcos Code	Socket	Weight (Kg)	SAP Code
HYGIENE 1X250W HSE PR AC RS MSF II	SE	E40	21.5	96280205
HYGIENE 1X250W AUX HSE PR AC RS MSF II	SE	E40	21.7	96280206
HYGIENE 1X250W HIE PR AC RS MSF II	ME	E40	21.5	96280207
HYGIENE 1X250W AUX HIE PR AC RS MSF II	ME	E40	21.7	96280208

* AUX - Auxiliary lamp option - 150W Tungsten Halogen Lamp