



## CIRCULAR LED RECESSED DOWNLIGHTERS

IP20 ABOVE CEILING IP40 BELOW CEILING  
 IP65 BELOW CEILING (IP65 version only) CE LED

### SPECIFICATION

- High pressure die-cast ring finished full polyester, non-yellowing white
- Extruded aluminium heat sink
- Injection moulded reflector
- Toughened/safety drop glass attachments provide a measure of light on the ceiling
- Supplied with remote gear unit fitted with 2m lead
- Optional reinforcing board with centre cut aperture
- Smart versions with intelligent lighting control
- Emergency, AutoTest and Scanlight AT versions using integral, high power 1.5W LED
- 12W and 24W very high efficiency versions
- Fitted with 4000K LEDs



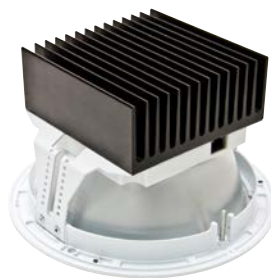
### LED CHARACTERISTICS

Ra 80+	°K 4000	L70/B10 60K	LL/CW <b>80.4</b>
P/U P	% >85	R/Rx R	

For LED characteristics explanation see [www.thorlux.com/led-characteristics](http://www.thorlux.com/led-characteristics)



- 1 LED Downlighter Power Unit for Emergency, AutoTest and Scanlight AT versions
- 2 Remote Driver for standard versions



Body and heat sink



Remote Smart Micro-pod

Web link: [Smart System](#)

# G3 LED



	LED	CAT. No.	APPROX. kg	CIRCUIT
OPEN	24W	GT 15072D	2.7	
	12W 24W	GT 15070 GT 15071	2.6 2.6	L/A L/A



FROSTED OUTER DROP GLASS	24W	GT 15075D	3.1	
	12W 24W	GT 15073 GT 15074	3.0 3.0	L/A L/A



FROSTED INNER DROP GLASS	24W	GT 15078D	3.2	
	12W 24W	GT 15076 GT 15077	3.1 3.1	L/A L/A



LIGHT GREEN TINTED HALO	24W	GT 15081D	2.8	
	12W 24W	GT 15079 GT 15080	2.7 2.7	L/A L/A



IK10 POLYCARBONATE	12W 24W	GT 15082 GT 15083	2.8 2.8	L/A L/A
--------------------	------------	----------------------	------------	------------

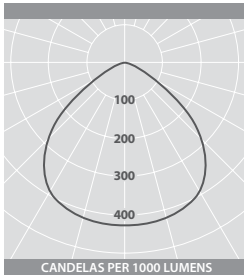


	LED	CLEAR GLASS VERSION	FROSTED GLASS VERSION	CLEAR POLY. VERSION	APPROX. kg	CIRCUIT
IP65 GLASS OR IK10 POLYCARBONATE	12W	GT 15085	GT 15088	GT 15091	3.0	L/A
	24W	GT 15086	GT 15089	GT 15092	3.0	L/A

CIRCUIT TYPE - suffix catalogue number with:  
**L** - non-dimming (LED) / **A** - dimming (DALI) e.g. **GT 15070L** etc.  
 Smart versions use digital dimming gear and are always suffixed **D**

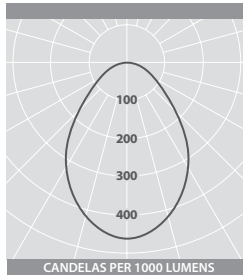
EMERGENCY VERSION - prefix catalogue number with:  
**EGT** - Emergency / **TGT** - AutoTest / **DGT** - Scanlight AT e.g. **EGT 15070L** etc.  
 Emergency, AutoTest and Scanlight AT versions add 0.3kg to weights listed.

## PHOTOMETRIC GUIDE



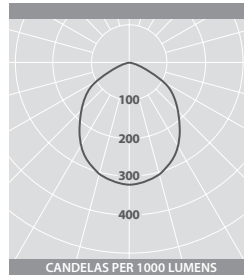
### OPEN

Luminaire Lumen Output  
12W = 1125lm  
24W = 2195lm



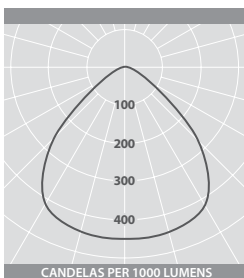
### FROSTED OUTER

Luminaire Lumen Output  
12W = 965lm  
24W = 1875lm



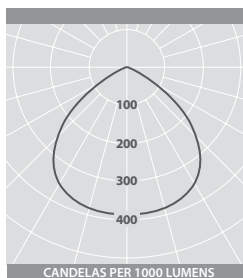
### FROSTED INNER

Luminaire Lumen Output  
12W = 890lm  
24W = 1715lm



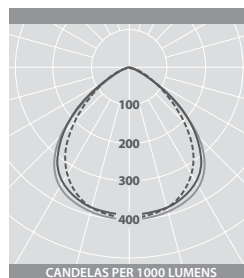
### HALO

Luminaire Lumen Output  
12W = 1075lm  
24W = 2110lm



### BLUE TINTED

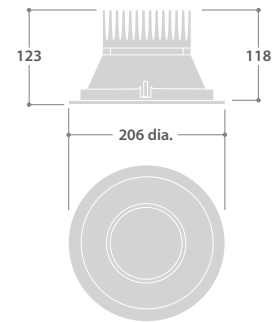
Luminaire Lumen Output  
12W = 1005lm  
24W = 1940lm



### IP65

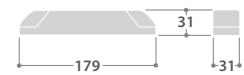
Luminaire Lumen Output  
12W Clear Glass = 995lm  
24W Clear Glass = 1935lm  
12W Frosted Glass = 940lm  
24W Frosted Glass = 1845lm  
12W Polycarbonate = 955lm  
24W Polycarbonate = 1865lm

## DIMENSIONS

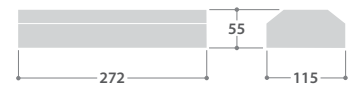


Cut-out - 180 dia.  
Minimum void depth - 115

### Remote Driver



### LED Downlighter Power Unit



## ACCESSORIES

DESCRIPTION	CAT. No.	APPROX. kg
Retro-fit fixing kit <i>(for fitting drop glass attachments only to undrilled bezels)</i>	<b>GT 11643</b>	0.01
Matt chrome cone head screw - 3 off <i>(for drop glass versions)</i>	<b>GT 11866</b>	0.02
Matt chrome slotted head screw - 3 off <i>(for drop glass versions)</i>	<b>GT 11867</b>	0.02
Matt chrome knurled head screw - 3 off <i>(for drop glass versions)</i>	<b>GT 11868</b>	0.02
597 x 597mm ceiling reinforcing board <i>(3mm thick plywood with 185mm diameter central cut-out)</i>	<b>GT 11970</b>	0.55



Cone Head



Slotted Head



Knurled Head

## RECESSED TC-T DOWNLIGHTERS WITH INTEGRAL CONTROL GEAR

IP20 IP65 BELOW CEILING (IP65 version only) CE TC-T

### SPECIFICATION

- High pressure die-cast ring finished full polyester, non-yellowing white
- High efficiency injection moulded reflector
- Injection moulded, flame-retardant gear chamber
- LG7:2005 (<1500 cd/m<sup>2</sup> @ 65°) with louvre
- Toughened/safety drop glass attachments provide a measure of light on the ceiling
- Flexible tri-lamp ballast enables retrofit of 26, 32 or 42W TC-T lamp in any G3 downlighter
- Fitted with 2m lead
- Optional reinforcing board with centre cut aperture
- Sustained self-contained emergency and AutoTest versions using 5W TC-S lamp (supplied)
- Supplied with 4000K lamp(s)



G3 body



OPEN

LAMP	CAT. No.	APPROX. kg	CIRCUIT
26W TC-T	<b>GT 11620</b>	1.3	J/D/T
32W TC-T	<b>GT 11621</b>	1.3	J/D/T
42W TC-T	<b>GT 11622</b>	1.3	J/D/T



VDT LOUVRE

32W TC-T	<b>GT 11630</b>	1.4	J/D/T
42W TC-T	<b>GT 11631</b>	1.4	J/D/T



FROSTED OUTER DROP GLASS

26W TC-T	<b>GT 11626</b>	1.7	J/D/T
32W TC-T	<b>GT 11627</b>	1.7	J/D/T
42W TC-T	<b>GT 11628</b>	1.7	J/D/T



FROSTED INNER DROP GLASS

26W TC-T	<b>GT 11623</b>	1.8	J/D/T
32W TC-T	<b>GT 11624</b>	1.8	J/D/T
42W TC-T	<b>GT 11625</b>	1.8	J/D/T



LIGHT BLUE TINTED OUTER DROP GLASS

26W TC-T	<b>GT 11862</b>	1.7	J/D/T
32W TC-T	<b>GT 11863</b>	1.7	J/D/T
42W TC-T	<b>GT 11864</b>	1.7	J/D/T



LIGHT GREEN  
TINTED HALO

LAMP	CAT. No.	APPROX. kg	CIRCUIT
26W TC-T	<b>GT 12667</b>	1.7	J/D/T
32W TC-T	<b>GT 12668</b>	1.7	J/D/T
42W TC-T	<b>GT 12669</b>	1.7	J/D/T



WALL  
WASHER

26W TC-T	<b>GT 12262</b>	1.7	J/D/T
32W TC-T	<b>GT 12263</b>	1.7	J/D/T
42W TC-T	<b>GT 12264</b>	1.7	J/D/T



IK10 BLUE  
EDGE TINTED  
POLYCARBONATE

26W TC-T	<b>GT 13778</b>	1.5	J/D/T
32W TC-T	<b>GT 13779</b>	1.5	J/D/T

*Impact and tamper resistant. Suitable for mental health units.*



IP65  
GLASS OR IK10  
POLYCARBONATE

LAMP	CLEAR GLASS VERSION	FROSTED GLASS VERSION	CLEAR POLY. VERSION	APPROX. kg	CIRCUIT
26W TC-T	<b>GT 11632</b>	<b>GT 11926</b>	<b>GT 11869</b>	1.7	J/D/T
32W TC-T	<b>GT 11633</b>	<b>GT 11927</b>	<b>GT 11870</b>	1.7	J/D/T

**CIRCUIT TYPE** - suffix catalogue number with:  
**J** - non-dimming (HF fluorescent) / **D** - dimming (1-10V) / **T** - dimming (DSI) e.g. **GT 11620J** etc.

**EMERGENCY VERSION** - prefix catalogue number with:  
**EGT** - Emergency / **TGT** - AutoTest e.g. **EGT 11620J** etc.  
 Emergency and AutoTest versions add 0.3kg to weights listed.

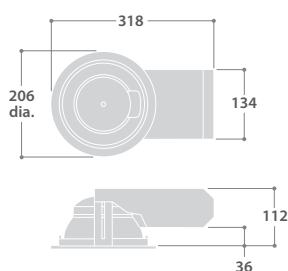


PHOTOMETRIC GUIDE



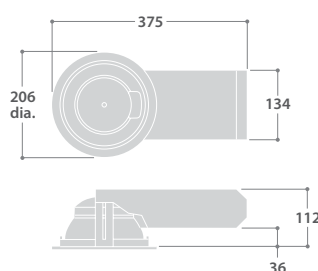
DIMENSIONS

High frequency (J) and high frequency regulating (D) versions



Cut-out - 180 dia. Minimum void depth - 105

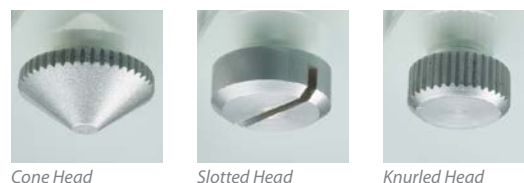
Emergency and AutoTest versions



Cut-out - 180 dia. Minimum void depth - 140

ACCESSORIES

DESCRIPTION	CAT. No.	APPROX. kg
Retro-fit fixing kit <i>(for fitting drop glass attachments only to undrilled bezels)</i>	<b>GT 11643</b>	0.01
Matt chrome cone head screw - 3 off <i>(for drop glass versions)</i>	<b>GT 11866</b>	0.02
Matt chrome slotted head screw - 3 off <i>(for drop glass versions)</i>	<b>GT 11867</b>	0.02
Matt chrome knurled head screw - 3 off <i>(for drop glass versions)</i>	<b>GT 11868</b>	0.02
597 x 597mm ceiling reinforcing board <i>(3mm thick plywood with 185mm diameter central cut-out)</i>	<b>GT 11970</b>	0.55



Cone Head Slotted Head Knurled Head