



2012 Lighting Catalog

LED STOP TAIL TURN LIGHTS



LED MARKER & CLEARANCE LIGHTS



LED IDENTIFICATION LIGHTS



LED ACCESSORY LIGHTS





TTL207



TTL212

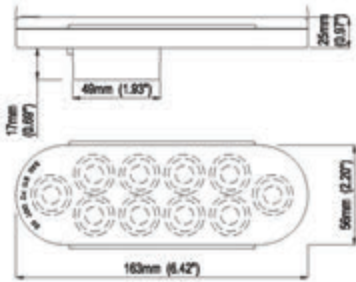
4" Round LED Light, STOP/TURN/TAIL

- Choice of 7 LEDs, 12 LEDs or 32 LEDs versions; super bright LEDs of super flux (P4) type or 5mm
 - Stop, Turn, Tail functions combined
 - Engineered lens optics
 - PC lens and housing welded together to ensure a permanent and water proof seal
 - LED circuit board coated with conformal coating for excellent moisture and environmental protection
 - Right angle 3-prong plug assembly, PVC grommet mounting; also available in flange mount version by special order
 - Super long life span up to 100,000 hours
 - Meets DOT FMVSS 108/SAE requirements except Amber versions of 7 LEDs
-
- Rated for 12V, tested to 13.8V
 - Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

Part No.	Description	Input Voltage	Nos. of LEDs	LED Type	Lighting Color	Current Draw (mA) at 13.8V
TTL207KR	Grommet Kit	12 V	7	P4	Red	15/150 mA
× TTL207KA	Grommet Kit	12 V	7	P4	Amber	150 mA
× TTL207KC	Grommet Kit	12 V	7	P4	White	150 mA
TTL212KR	Grommet Kit	12 V	12	P4	Red	20/200 mA
TTL212KA	Grommet Kit	12 V	12	P4	Amber	200 mA
TTL212KC	Grommet Kit	12 V	12	P4	White	200 mA
TTL200G	Grommet only for 4" Round Light					
TTL403P	Right Angle 3 Prong Plug for 4" Round Light					

6" Oval LED Tail Light, STOP/TURN/TAIL

- Choice of 10 LEDs of super flux (P4) type, or 42 LEDs of 5mm type
- Stop, Turn, Tail functions combined
- Engineered lens optics
- PC lens and housing welded together to ensure a permanent and water proof seal
- LED circuit board coated with conformal coating for excellent moisture and environmental protection
- Right angle 3-prong plug assembly, PVC grommet mounting; also available in flange mount version by special order
- Super long life span up to 100,000 hours
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

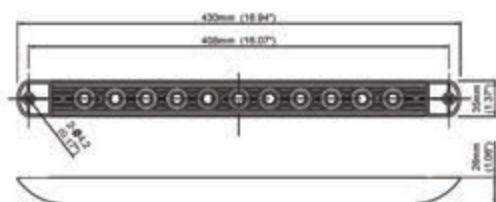


TTL210

Part No.	Description	Input Voltage	Nos. of LEDs	LED Type	Lighting Color	Current Draw (mA) at 13.8V
TTL210KR	Grommet Kit	12 V	10	P4	Red	20/180 mA
TTL210KA	Grommet Kit	12 V	10	P4	Amber	180 mA
TTL210KC	Grommet Kit	12 V	10	P4	Clear	180 mA
TTL210G	Grommet only for 6" Oval Light					

17" Slim-Line LED Identification Light Bar

- Stop (brake) , Indicator (Tail) and Turn functions combined, ideal to use as an identification light bar as well as a high mount third brake light for trailers
- 11 LEDs of super flux (P4) type, super bright and super long life span up to 100,000 hours
- PC lens and housing, ultrasonically welded together to ensure a permanent and water proof seal
- LEDs sealed by epoxy and circuit board coated with conformal coating for excellent moisture and environmental protection
- Red color meets DOT FMVSS 108/SAE requirements for high mount third brake light and identification light
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)



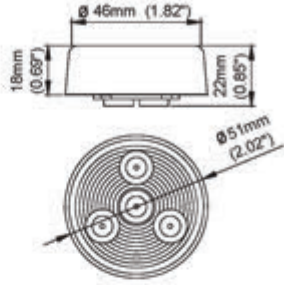
TTL211

Part No.	Description	Input Voltage	Nos.of LEDs	Lighting Color	Current Draw (mA) at 13.8V
TTL211R	Red Lens/Red LED	12 V	11	Red	15/250mA
TTL211C	Clear Lens/White LED	12 V	11	White	15/100mA
TTL211CR	Clear Lens/Red LED	12 V	11	Red	15/250mA



2" LED Round Marker and Clearance

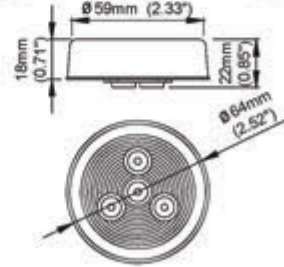
- Choice of 3 LEDs of super flux (P4) type, or 9 LEDs of 5mm type
- Features engineered lens optics, functions as clearance light, side marker or identification light
- PC lens and housing ultrasonically welded together to ensure a permanent and water proof seal
- Right angle 2-pin plug assembly, PVC grommet mounting
- LED circuit board coated with conformal coating for excellent moisture and environmental protection
- Super long life span up to 100,000 hours
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)



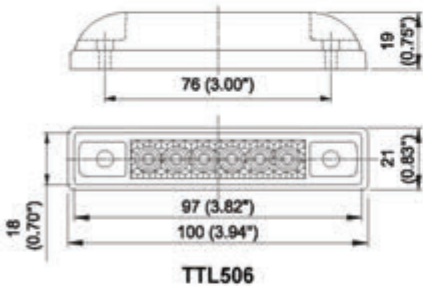
Part No.	Description	Input Voltage	Lighting Color	Nos. of LEDs	LED Type	Current Draw (mA) at 13.8V
TTL003KR	Grommet Kit	12 V	Red	3	P4	60 mA
TTL003KA	Grommet Kit	12 V	Amber	3	P4	60 mA
TTL003G	Grommet only for 2" Round M/C Light					
TTL502P	2-pin Plug for 2" & 2-1/2" M/C Light					

2-1/2" LED Round Marker and Clearance

- Choice of 3 LEDs and 6 LEDs of super flux (P4) type, or 12 LEDs of 5mm type
- Features engineered lens optics, functions as clearance light, side marker or identification light; 6 LED version in Red color can also use as a tail light
- PC lens and housing ultrasonically welded together to ensure a permanent and water proof seal
- Right angle 2-pin plug assembly, PVC grommet mounting
- LED circuit board coated with conformal coating for excellent moisture and environmental protection
- Super long life span up to 100,000 hours
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)



Part No.	Description	Input Voltage	Lighting Color	Nos. of LEDs	LED Type	Current Draw (mA) at 13.8V
TTL503KR	Grommet Kit	12 V	Red	3	P4	60 mA
TTL503KA	Grommet Kit	12 V	Amber	3	P4	60 mA
TTL500G	Grommet only for 2-1/2" Round M/C Light					
TTL502P	Right Angle 2-pin Plug for 2" & 2-1/2" M/C Light					



4" Slim Line LED Marker and Clearance Light

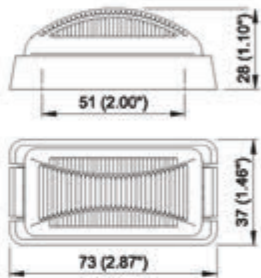
- This surface mount Slim Line LED Light features engineered lens optics; red and amber models can function as side marker, clearance and identification light; Clear, Green and Blue colors are ideal for lighting or decorating interior and exterior of boats, RV and other vehicles
- Black rubber gasket included for mounting to all surfaces
- Two bare end wires of 6" (15mm) length, separate lead wire and ground wire
- 6 LEDs of super flux (P4) type, super bright
- LED circuitry is completely potted by epoxy to ensure permanent and water proof seal, Submersible
- Red and amber models meet DOT FMVSS 108/SAE requirements for marker and clearance light
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

Part No.	Description	Input Voltage	Lighting Color	Lens Color	Nos. of LEDs	Current Draw (mA) at 13.8V
TTL506R	4" Light Red	12 V	Red	Clear	6	100 mA
TTL506A	4" Light Amber	12 V	Amber	Clear	6	100 mA
TTL506C	4" Light Clear	12 V	Clear	Clear	6	40 mA
TTL506RR	4" Light Red/Red	12 V	Red	Red	6	100 mA
TTL506AA	4" Light Amber/Amber	12 V	Amber	Amber	6	100 mA

3"x1-1/2" LED Marker & Clearance Light

- 8 LEDs of 5mm type
- Functions as clearance, side marker or identification light
- PC lens and housing ultrasonically welded in a single lamp unit to ensure a permanent and water proof seal; install easily by snapping lamp unit on base mount bracket; bracket available in chrome plated and black finishes; ideal for retrofit of traditional incandescent lights of the leading brands
- Two-wire plug contains separate lead and ground wires for mounting to all surfaces; available in multiple wiring and mounting options by special order
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

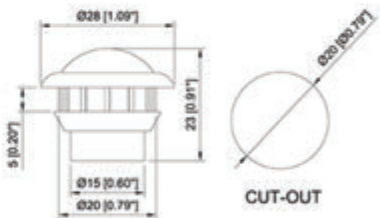
Part No.	Description	Input Voltage	Lighting Color	Nos. of LEDs	Current Draw (mA) at 13.8V
TTL508KR	Chrome Base Mount Kit	12 V	Red	8	40 mA
TTL508KA	Chrome Base Mount Kit	12 V	Amber	8	40 mA
TTL500MP	Spare 3"x1-1/2" Rectangular Mounting Bracket, Black Plastic				
TTL500MC	Spare 3"x1-1/2" Rectangular Mounting Bracket, Chromed Plastic				



TTL508

0.8" Mini Round LED Marker & Clearance Light

- 3 LEDs of SMD type
- Features engineered lens optics, functions as clearance light, side marker or identification light, ideal for any application on trailer and universal
- Compact size, easy for installation by drilling a 3/4" hole and pushing in
- Two-wire design includes separate lead and ground wires with bullet terminals
- PC lens, ABS housing and LED circuitry completely sealed by epoxy to ensure a permanent and water proof seal.
- Meets PC and P2 rating of DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V



TTL900S

Part No.	Description	Input Voltage	Lighting Color	Nos. of LEDs	Current Draw (mA) at 13.8V
TTL903R	Red Light Kit (with grommet)	12 V	Red	3	20 mA
TTL903A	Amber Light Kit (with grommet)	12 V	Amber	3	20 mA
TTL903C	Clear Light Kit (with grommet)	12 V	Clear	3	20 mA
TTL900S	Stainless Steel Highly Polished Bezel				

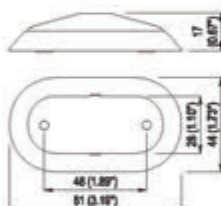
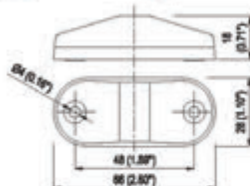


TTL903R

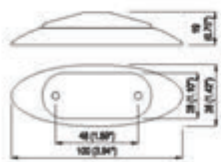
TTL903A

TTL903C

2.6"x1" LED Marker & Clearance Light, Surface Mount



TTL682



TTL692



- 2 LEDs of super flux (P4) type
- Features engineered lens optics, functions as clearance light, side marker or identification light
- Surface mount design, two-wire design includes separate lead and ground wires
- PC lens and housing ultrasonically welded in a single unit, LED circuit board completely sealed by epoxy to ensure a permanent and water proof seal
- Rubber or foam gasket for mounting to all surfaces is available by separate order
- A special light guard in highly polished stainless steel for protection also available
- Choice of decorative Sleek Type or Rectangular Type Chromed Bezels as optional variant of the same lights
- Red and amber models meet DOT FMVSS 108/SAE requirements, amber model also meets ECE requirements (E-MARK certified)
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

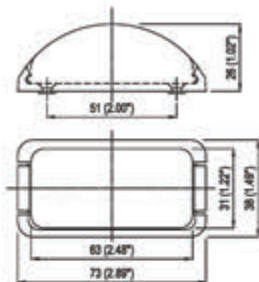
Part No.	Description	Input Voltage	Lighting Color	Nos. of LEDs	Current Draw (mA) at 13.8V
TTL602R	Lamp only	12 V	Red	2	60 mA
TTL602A	Lamp only	12 V	Amber	2	60 mA
TTL602C	Lamp only	12 V	Clear	2	20 mA
* TTL682R	Light Kit w/Rectangular Bezel	12 V	Red	2	60 mA
* TTL682A	Light Kit w/Rectangular Bezel	12 V	Amber	2	60 mA
* TTL682C	Light Kit w/Rectangular Bezel	12 V	Clear	2	20 mA
* TTL692R	Light Kit w/Sleek Bezel	12 V	Red	2	60 mA
* TTL692A	Light Kit w/Sleek Bezel	12 V	Amber	2	60 mA
* TTL692C	Light Kit w/Sleek Bezel	12 V	Clear	2	20 mA
TTL600RG	Spare Rubber Gasket only for M/C Lights				
* TTL600GS	Light Guard Stainless Steel				
TTL680CB	Spare Chromed Bezel Rectangular Type				
TTL690CB	Spare Chromed Bezel Sleek Type				

3"x1-1/2" Dual Color LED Marker Light

- Super bright 2 LEDs of super flux type
- Clear lens dual color LED marker light, lens appears crystal clear when light is off. Also available in single color of Red, Amber and Cool White
- Plastic guard bracket, available in black and chrome plated finishes
- Durable PC lens and housing ultrasonically welded in a single lamp unit to ensure a permanent and water proof seal
- Surface mount on 2" (51 mm) centers
- Two-wire plug contains separate lead and ground wires for mounting to all surfaces
- Meets ECE requirements
- 12-24V multi-voltage design, 10~30V operating range
- Also available in 12V single voltage version, or 24V version (special order only-minimum may apply)

Part No.	Description	Input Voltage	Lighting Color	Nos. of LED s	Current Draw (mA) at 13.8V
TTL202RA	Light Unit Dual Color	12-24 V	Red/Amber	2	60 mA

New!



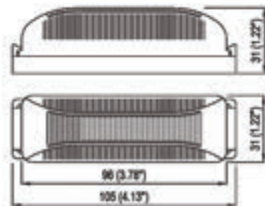
4"x1" LED Marker & Clearance Light

- 12 LEDs of 5mm type
- Functions as clearance, side marker or identification light
- PC lens and housing ultrasonically welded in a single lamp unit to ensure a permanent and water proof seal; install easily by snapping lamp unit on base mount Bracket; ideal for retrofit of traditional incandescent lights of the leading brands
- Base mount Bracket with industry standard 3" centers; two-wire plug contains separate lead and ground wires for mounting to all surfaces; available in multiple wiring and mounting options by special order
- Meets DOT FMVSS 108/SAE requirements
- Also available in 24V version (special order only – minimum may apply)

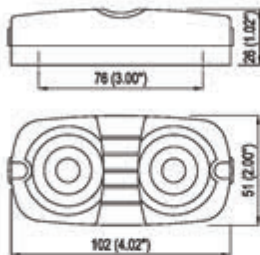
Part No.	Description	Input Voltage	Lighting Color	Nos. of LEDs	Current Draw (mA) at 13.8V
TTL012R	BlackBase Mount Kit	12 V	Red	12	60 mA
TTL012A	BlackBase Mount Kit	12 V	Amber	12	60 mA

TTL012BM Spare 4"x1" Rectangular Mounting Bracket, Black Plastic

TTL012CM Spare 4"x1" Rectangular Mounting Bracket, Chrome Plated



4"x2" Rectangular Bull-Eye Marker & Clearance Light



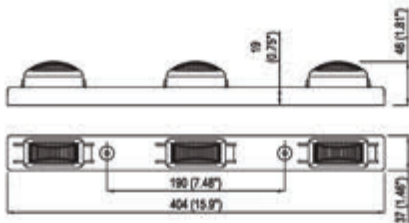
- 16 LEDs of 5mm type
- Functions as clearance, side marker or identification light
- Snap-on PC lens, replaceable; Surface mount base features concealed mounting screw holes with industry standard 3" centers; Two-wire design includes separate lead and ground wires
- LED circuit board coated with conformal coating for excellent moisture and environmental protection
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Available in dual voltage design working with 12-24V system
- Also available in 24V design (special order only – minimum may apply)

Part No.	Description	Input Voltage	Lighting Color	Nos. of LEDs	Current Draw (mA) at 13.8V
TTL216R	Light Kit	12 V	Red	16	75 mA
TTL216A	Light Kit	12 V	Amber	16	75 mA

LED Indicator Light Bar



- Three sealed marker lights firmly installed on a plastic bar
- Bar material in PC, injection molded; finishes available in black plastic and chrome plated
- Screw mount on holes of 6" spacing
- Rated for 12V, tested to 13.8V
- Also available in 24V version (special order only – minimum may apply)



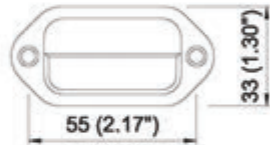
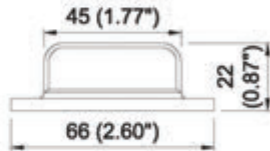
Part No.	Description	Finish	Input Voltage	Lighting Color	Current Draw (mA) at 13.8V
TTL513R	Surface Mount Kit, Black	Black	12 V	Red	150 mA
* TTL523R	Surface Mount Kit, Chromed	Chromed	12 V	Red	150 mA

Mini LED License Plate Light

- Innovative and retro-fit Mini LED License Plate Light, same appearance and mount hole centers as the traditional incandescent light, ideal for both retro-fit and new vehicles
- Clear PC lens, ABS housing available in Black, Chrome Plated and White finishes
- Surface mount
- 3 LEDs of super bright 5mm type, long life span up to 100,000 hours
- Circuit board completely sealed by epoxy to ensure its water proof feature
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in 24V version (special order only – minimum may apply)

Part No.	Finish	Input Voltage	Nos. of LEDs	LED Type	Lighting Color	Running Current (mA) at 13.8V
TTL706B	Black	12V	3	5 mm	White	20 mA
TTL706C	Chrome Plated	12V	3	5 mm	White	20 mA

New!

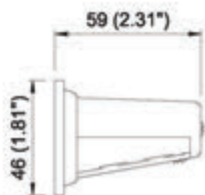
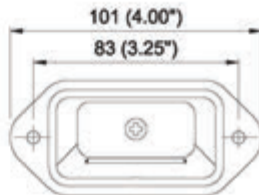


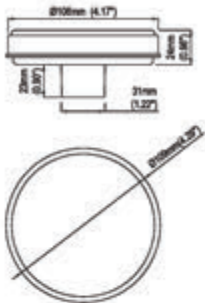
LED License Plate Light

- Innovative and retro-fit LED license Plate Light, same appearance and mount hole centers as the traditional incandescent light, ideal for both retro-fit and new vehicles
- PC lens features engineered lens optics, ABS housing available in Black, White and Chrome Plated finishes
- Surface Mount
- 6 LEDs of super flux (P4) type, super bright and long life span up to 100,000 hours
- Circuit board completely sealed by epoxy to ensure its water proof feature
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

Part No.	Finish	Input Voltage	Nos. of LEDs	LED Type	Lighting Color	Running Current (mA) at 13.8V
TTL206B	Black	12V	6	P4	White	30 mA
TTL206C	Chrome Plated	12V	6	P4	White	30 mA

New!

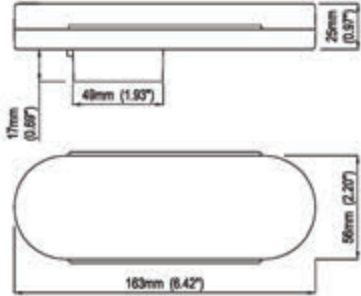




Back-up Light, 4" Round LED

- Choice of 7 LEDs, 12 LEDs or 32 LEDs versions; super bright LEDs of super flux (P4) type or 5mm
- Engineered lens optics
- PC lens and housing welded together to ensure a permanent and water proof seal
- LED circuit board coated with conformal coating for excellent moisture and environmental protection
- Right angle 3-prong plug assembly, PVC grommet mounting; also available in flange mount version by special order
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

Part No.	Description	Input Voltage	Nos. of LEDs	LED Type	Lighting Color	Current Draw (mA) at 13.8V
* TTL207KC	Grommet Kit	12 V	7	P4	White	150 mA
TTL212KC	Grommet Kit	12V	12	P4	White	200 mA



Back-up Light, 6" Oval LED

- Choice of 10 LEDs of super flux (P4) type, or 42 LEDs of 5mm type
- Engineered lens optics
- PC lens and housing welded together to ensure a permanent and water proof seal
- LED circuit board coated with conformal coating for excellent moisture and environmental protection
- Right angle 3-prong plug assembly, PVC grommet mounting; also available in flange mount version by special order
- Meets DOT FMVSS 108/SAE requirements
- Rated for 12V, tested to 13.8V
- Also available in multi-voltage 10~30V operating range, or 24V (special order only – minimum may apply)

Part No.	Description	Input Voltage	Nos. of LEDs	LED Type	Lighting Color	Current Draw (mA) at 13.8V
TTL210KC	Grommet Kit	12 V	10	P4	Clear	180 mA

LED Square Courtesy Light, 2.2"x2.2"

- Frosted PC lens, ABS top plate available in finishes of Black, White or Chrome Plated, white plastic housing
- Circuit board completely sealed in epoxy to resist water, corrosion and vibration
- Low current draw, super long life span up to 100,000 hours
- Rated for 12V, tested to 13.8V
- Also available in 24V version (special order only – minimum may apply)

Black Finish Part No.	White Finish Part No.	Chromed Finish Part No.	Lighting Color	Input Voltage	No. of LEDs	LED Type	Current Draw at 13.8V
* TTL203B	* TTL203W	TTL203C	Cool White	12 V	3	5 mm	20 mA

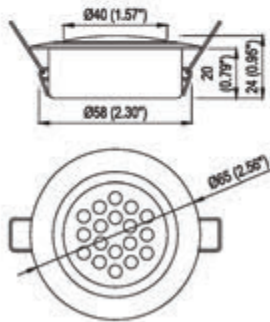


7" LED Dome Light

- Highly polished 304 stainless steel LED dome light, also available in finishes of TIN (Titanium Nitride) plated brass, or white powder coated aluminum. Clear PC lens is specially designed to vastly distribute the lighting illuminated from white LEDs to a wide beam angle of no less than 120°
- Circuit board coated with conformal coating to resist moisture, corrosion and vibration
- Lighting color by LEDs available in single color Warm White or Cool White, as well as Nav. version (red night vision) of White/Red LED configuration
- Super bright 5mm LEDs, long life span up to 100,000hours
- Rated for 12V, tested to 13.8V
- Also available in 24V version (special order only – minimum may apply)

Part No.	Size (Base O.D.)	Finish	Input Voltage	Lighting Color	No. of LED's	LED Type	Current Draw at 13.8V	Luminous Intensity
TTL036S	178mm(7")	Stainless	12 V	Warm White	36	SMD 3528	160 mA	72 lm
* TTL036W	178mm(7")	White Alum.	12 V	Warm White	36	SMD 3528	160 mA	72 lm





2" LED Down Light, Low Profile

- Low Profile LED Down light is particularly suitable for applications where the depth of cut-out hole is limited, ideal for cabin and compartment
- Highly polished 304 stainless steel, TiN (Titanium Nitrite) plated brass, or white powder coated aluminum down light with frosted plastic lens. Lens is designed to vastly distribute the light illuminated from white LEDs
- Circuit board completely sealed in silicone to resist water, corrosion and vibration
- Lighting color available in Cool White and Warm White
- New introduction of SMD LEDs for this light, much brighter
- Rated for 12V, tested to 13.8V
- Also available in optional version of multi-voltage 10~30V operating range, or 24V version by special order only

Part No.	Finish	Input Voltage	Light Color	No. of LED's	LED Type	Current Draw at 13.8V	Luminous Intensity
* TTL309SW	Stainless	12 V	Warm White	9	SMD 5050	360 mA	200 lm
* TTL309AW	White Alum	12 V	Warm White	9	SMD 5050	360 mA	200 lm

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