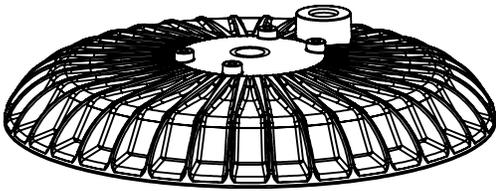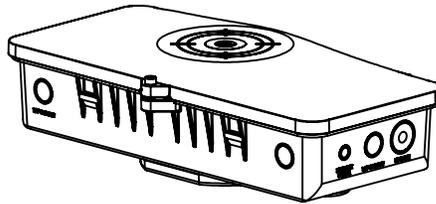# CircLED with Direct Mount Remote Box *Standard* Parts

Housing
☐ CLD-TCP-18LH
(1 per Fixture)
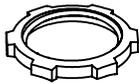
Remote Box
☐ RB-NRL-16-BLK or
RB-NRL-16-BLK-4X
(1 per Fixture)

**Threaded
Center Post**
☐ CLD-CTR-PST
(1 per Fixture)

**3/4" Conduit
Locknut**
☐ SLP-SLN75
(2 per Fixture)

1/2" Hub
☐ CT-DCB-50
(1 per Fixture)

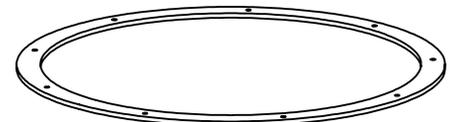**Driver
Bracket Screw**
☐ CLD-SEMS-10-24
(4 per Fixture)

Flat Lens Options
☐ CLD-P95-118-16.375 (Frosted Acrylic)
Or
☐ CLD-SH-CA-118-16.375 (Clear Acrylic)
Or
☐ CLD-TFK-LV3-118-16.375 (Frosted PC)
Or
☐ CLD-TFK-LF-118-16.375 (Clear PC)
(1 per Fixture)

[NOTE: **Drop Lens** option
also Available in Acrylic or PC.
See next page for options/parts.]

Flat Lens Gasket
☐ CLD-LENS-GSKT
(1 per Fixture, for
Flat Lens options only)

Lens Ring
☐ CLD-LENS-RNG
(1 per Fixture, for
Flat Lens Options Only)

Lens Retainer Screw
☐ CLD-TLSCRW-832-375
(9 per Fixture)

**#8 Thread
Cutting Screw**
☐ SLP-SCRW-TC8312
(6 per Fixture)
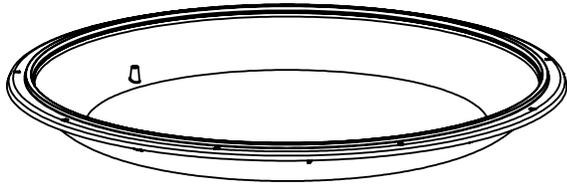
O-Ring
☐ SLP-ORING
(1 per Fixture)

End Plug
☐ SLP-ENDPLUG-B-75
(1 per Fixture)

CLD-DMRB-AG   09/20

**SLP
LIGHTING**
A KOLLER ENTERPRISES COMPANY

CircLED with Direct Mount Remote Box *Optional* Parts

Drop Lens Options
☐ CTR-LENS-18-ACR (Clear Acrylic)
Or
☐ CTR-LENS-18-ACR-FR50 (Frosted Acrylic)
Or
☐ CTR-LENS-18-PC (Clear PC)
Or
☐ CTR-LENS-18-PC-FR50 (Frosted PC)
(1 per Fixture)
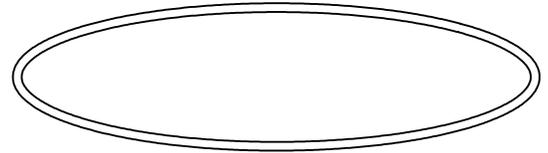
Drop Lens Gasket
☐ CLD-DPLENS-GSKT
(1 per Fixture, for
Drop Lens Option Only)
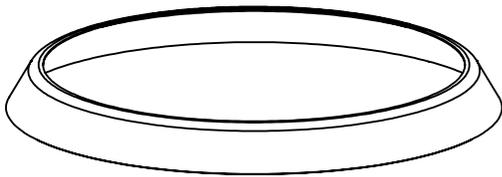
White Wall Diffuse Reflector
☐ CLD-WW-DR
(1 per Fixture)

**Stainless Hook with
3/4" Conduit Locknut**
☐ SLP-HOOK-SS-NH75 &
SLP-SLN75
(1 each per Fixture)

3/4" Hub
☐ CT-DCB-75
(1 per Fixture)
[Use for Pendant Mount Option]

CLD-DMRB-AG   09/20

SLP
LIGHTING
A KOLLER ENTERPRISES COMPANY

CircLED with Direct Mount Remote Box Exploded View

Note: Some parts shown are optional items.
See page 1 & 2 for available standard and optional parts, and details on the following pages to show their usage.

1/2" Hub
CT-DCB-50
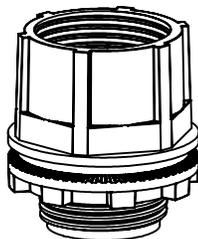Hub will install inside Remote Box

SEMS Screws
CLD-SEMS-10-24
Screws will install inside Remore Box

LED Drivers (By Others)
Drivers will install inside Remote Box

Remote Box
RB-NRL-16-BLK or
RB-NRL-16-BLK-4X

#10 Sealing Washers (By Others)

Aluminum Center Post
CLD-CTR-PST

O-Ring
SLP-ORING

End Plug
SLP-ENDPLUG-B-75

Housing
CLD-TCP-18LH

Optional Flat Washer (Recommended, By Others)

LED Board (By Others)

3/4" Conduit Lock Nut
SLP-SLN-75

Thread Cutting Screws
SLP-SCRW-TC8312

White Wall Reflector
CLD-WW-DR
[Optional Item]

Lens Gasket
CLD-LENS-GSKT

Lens Ring (Used for Flat Lens Options)
CLD-LENS-RNG

Lens
(See part options on pages 1 & 2)

Note: Flat Lens Option shown. See details for installation of both Flat and Drop Lens options

Lens Retainer Screws
CLD-TLSCRW-832-375

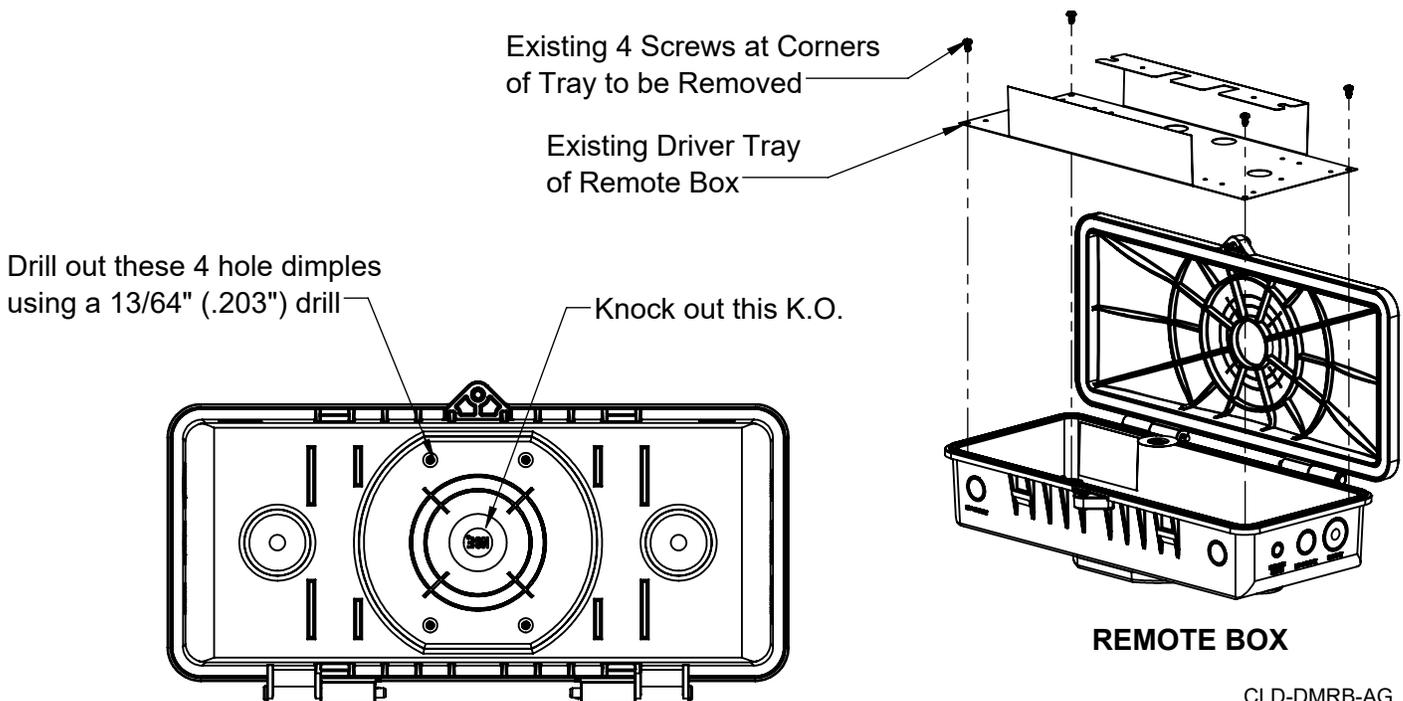CLD-DMRB-AG 09/20

SLP LIGHTING
A KOLLER ENTERPRISES COMPANY

STEP 1: Installing the Threaded Center Post to Housing

1.1) Install O-Ring onto Threaded Center Post.
1.2) Install Threaded Center Post (with O-Ring applied) into center hole of Housing, and secure with Washer and 3/4" Conduit Locknut as shown.

Threaded Center Post
(CLD-CTR-PST)

O-Ring
(SLP-ORING)

Housing
(CLD-TCP-18LH)

Optional 3/4" Trade Size Washer
(Recommended, By Others)

3/4" Conduit Locknut
(SLP-SLN75)
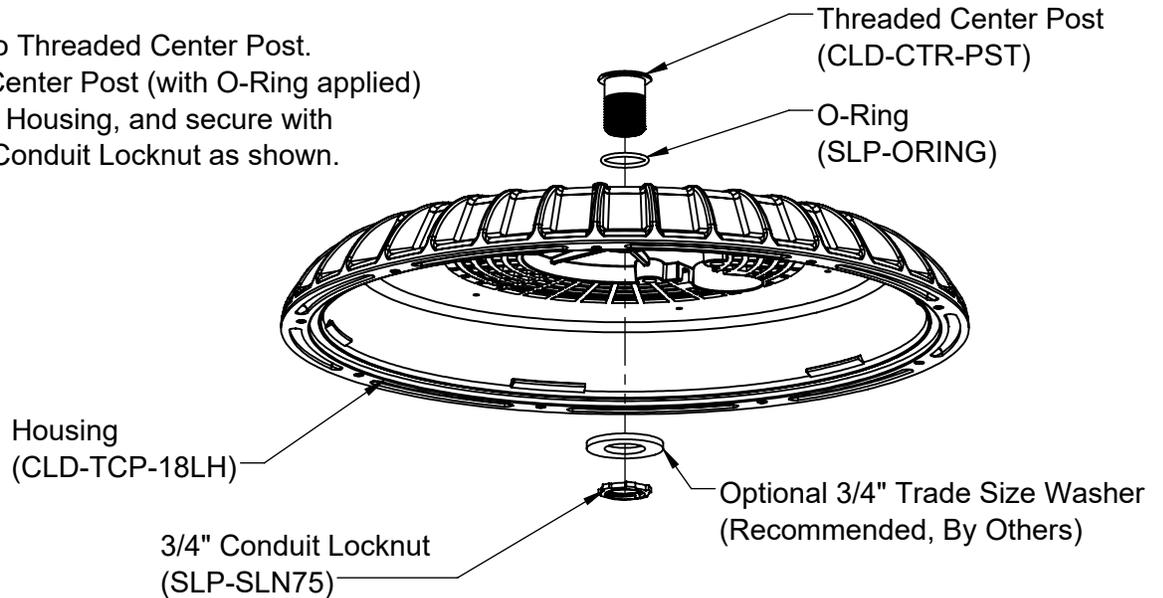
STEP 2: Prepping Remote Box for Attachment to Housing

2.1) Remove the Driver Tray from the Remote Box, by removing the 4 screws at the corners of tray.
2.2) Drill out the four dimples on bottom of Remote Box, and also remove the K.O. from the center of box, using a small flat screwdriver and hammer. Clean out any shavings or debris from inside box.

Existing 4 Screws at Corners
of Tray to be Removed

Existing Driver Tray
of Remote Box

Drill out these 4 hole dimples
using a 13/64" (.203") drill

Knock out this K.O.

REMOTE BOX

CLD-DMRB-AG 09/20

BOTTOM OF REMOTE BOX

CircLED with Direct Mount Remote Box Ass'y Guide Page _4_ of _9_

SLP LIGHTING
A KOLLER ENTERPRISES COMPANY
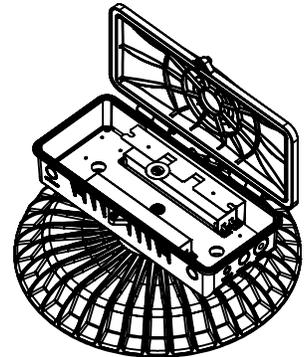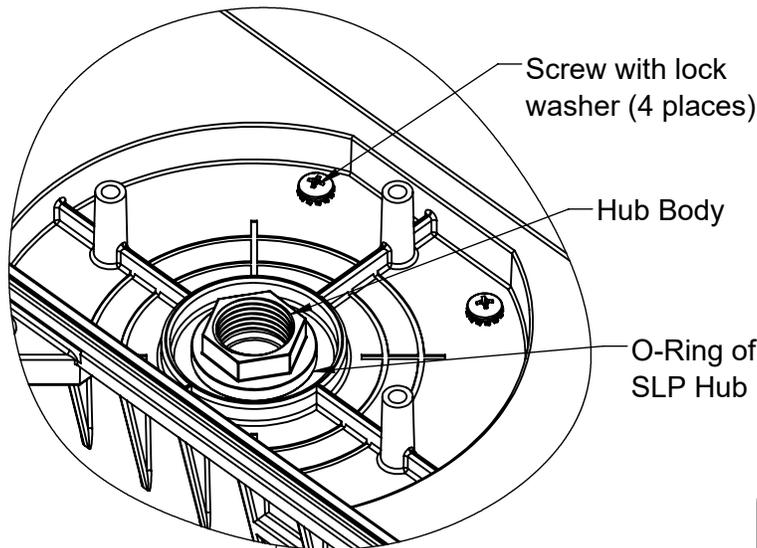
STEP 3: Attaching Remote Box and Drivers to Housing

3.1) Insert the 4 screws with lockwashers attached, into the drilled out holes from the previous step, and install the sealing washers (not provided) onto the screw studs.

3.2) Screw the 4 screws into each of the threaded holes on top of housing, and tighten to 20 inch pounds.

3.3) Remove and discard the lock nut and plug from the 1/2" hub, and with hub's O-Ring on hub, screw the hub into the Threaded Center Post (already installed) on housing. Tighten to 20 inch pounds.

3.4) Re-install Driver Tray onto Remote Box, using the 4 screws removed from previous step.

3.5) Install Drivers (not provided) onto Driver Tray, using fasteners (not provided). Note that drivers may be pre-installed on Driver Tray before Driver Tray is re-attached to Remote Box. Several hole sets are on Driver Tray, that accommodate many existing driver footprints. Various K.O. are available for running input cord out of box. Use liquid tight cord grips for wet listed fixtures.

3.6) Install End Plug onto unused housing hole.

Screw with lock washer (4 places)

Hub Body

O-Ring of SLP Hub

Remote Box with Drivers Installed

Screws (w/ lock washers attached) attach Remote Box to Housing (CLD-SEMS-10-24)

1/2" Hub (CT-DCB-50)
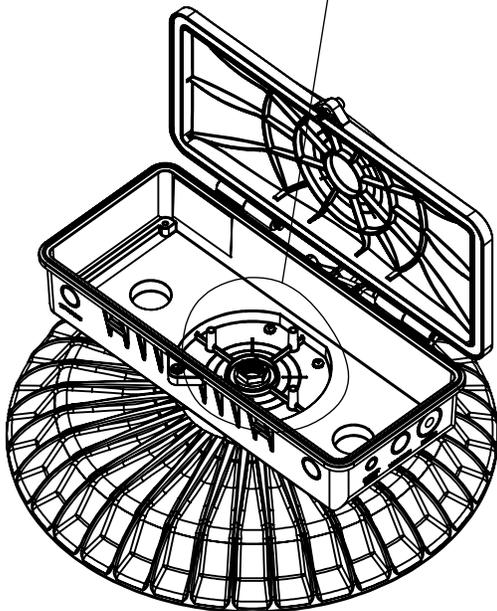
Remote Box (RB-NRL-16-BLK)

#10 Sealing Washers (By Others)

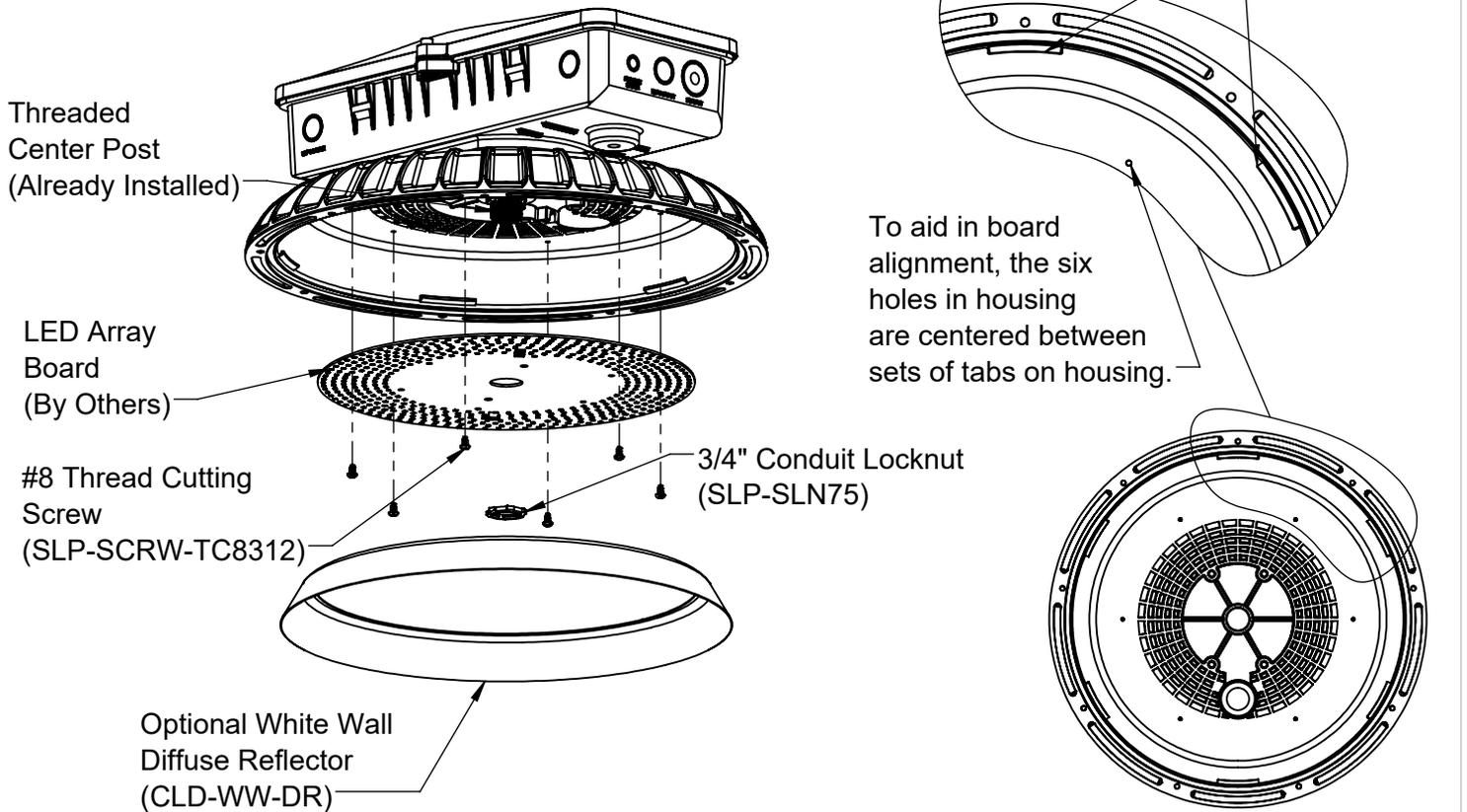End Plug (SLP-ENDPLUG-B-75)

Threaded Center Post (Already Installed)

Detail of Remote Box Installed on Housing
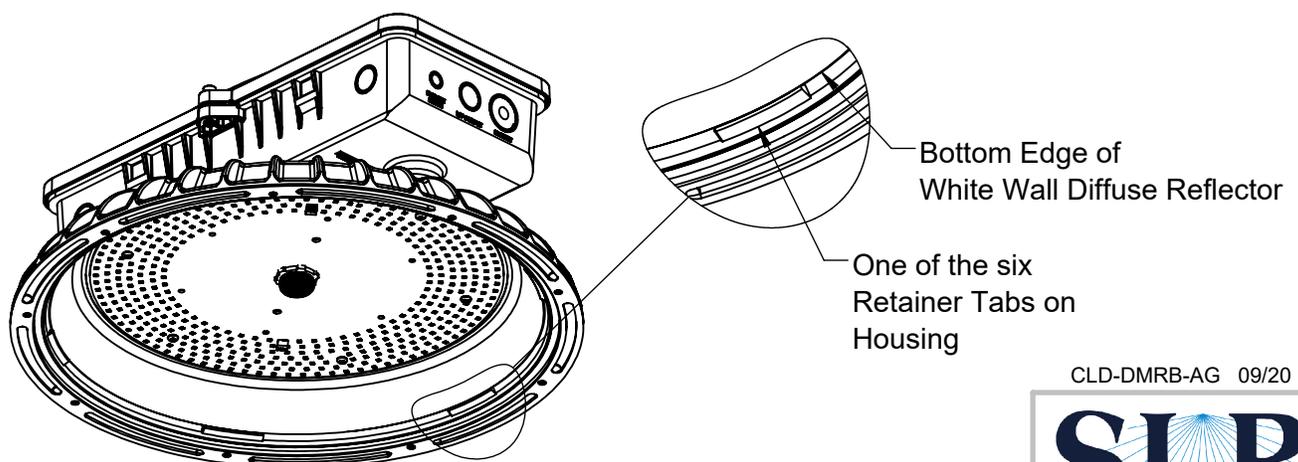
Housing

CLD-DMRB-AG   09/20

SLP LIGHTING
A KOLLER ENTERPRISES COMPANY

STEP 4: Installing LED Array to Housing

Retainer Tabs on Housing

Threaded Center Post (Already Installed)

To aid in board alignment, the six holes in housing are centered between sets of tabs on housing.

LED Array Board (By Others)

#8 Thread Cutting Screw (SLP-SCRW-TC8312)

3/4" Conduit Locknut (SLP-SLN75)

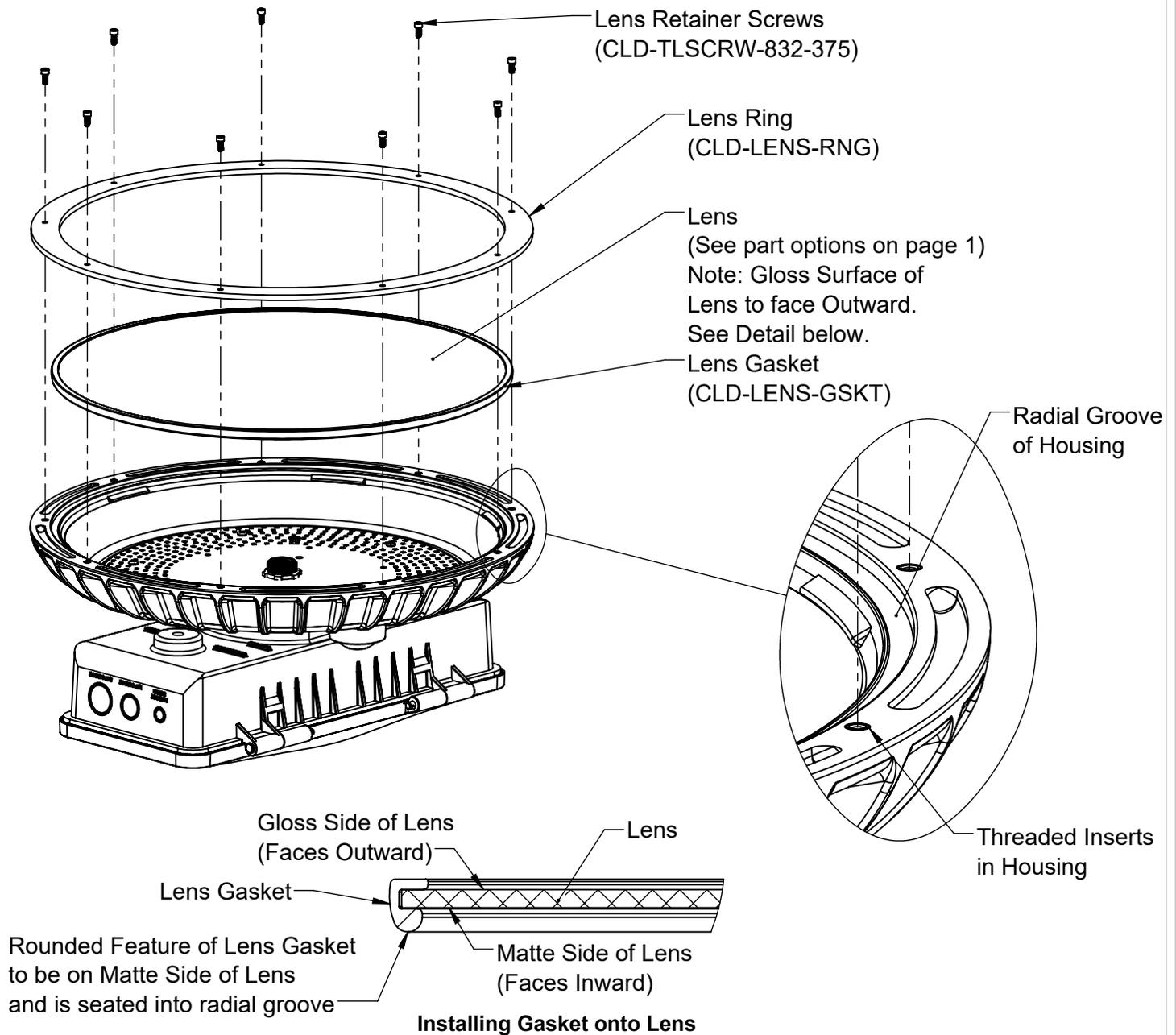Optional White Wall Diffuse Reflector (CLD-WW-DR)

BOTTOM VIEW OF HOUSING

4.1) For an LED board similar as shown above, align center hole of board to Threaded Center Post (already installed), and secure with Locknut. Use #8 Thread Cutting Screws to secure the Array board to the six holes in housing. **Recommended maximum torque for screws is 6 in/lbs. Do not overtighten or use screws longer than required.** For a 2mm (.079") thick LED Board, a maximum legth of 5/16" (.313") screws to be used.

4.2) Make wire connections from Driver output to connectors of LED Array. Output wires can be ran into the housing from the Threaded Center Post.

4.3) Using a 5mm hex key, close and fully tighten Remote Box Lid.

4.4) Install optional White Wall Diffuse Reflector into housing by simply inserting into bottom of housing. Verify that Reflector is fully seated above the 6 retainer tabs of housing.

Bottom Edge of White Wall Diffuse Reflector

One of the six Retainer Tabs on Housing

CLD-DMRB-AG   09/20

CircLED with Direct Mount Remote Box Ass'y Guide   Page 6 of 9

SLP LIGHTING
A KOLLER ENTERPRISES COMPANY

STEP 5a: Installing *Flat Lens* and Lens Ring (See Step 5b for *Drop Lens* Install)

Lens Retainer Screws
(CLD-TLSCRW-832-375)

Lens Ring
(CLD-LENS-RNG)

Lens
(See part options on page 1)
Note: Gloss Surface of
Lens to face Outward.
See Detail below.

Lens Gasket
(CLD-LENS-GSKT)

Radial Groove
of Housing

Threaded Inserts
in Housing

Gloss Side of Lens
(Faces Outward)

Lens

Lens Gasket

Matte Side of Lens
(Faces Inward)

Rounded Feature of Lens Gasket
to be on Matte Side of Lens
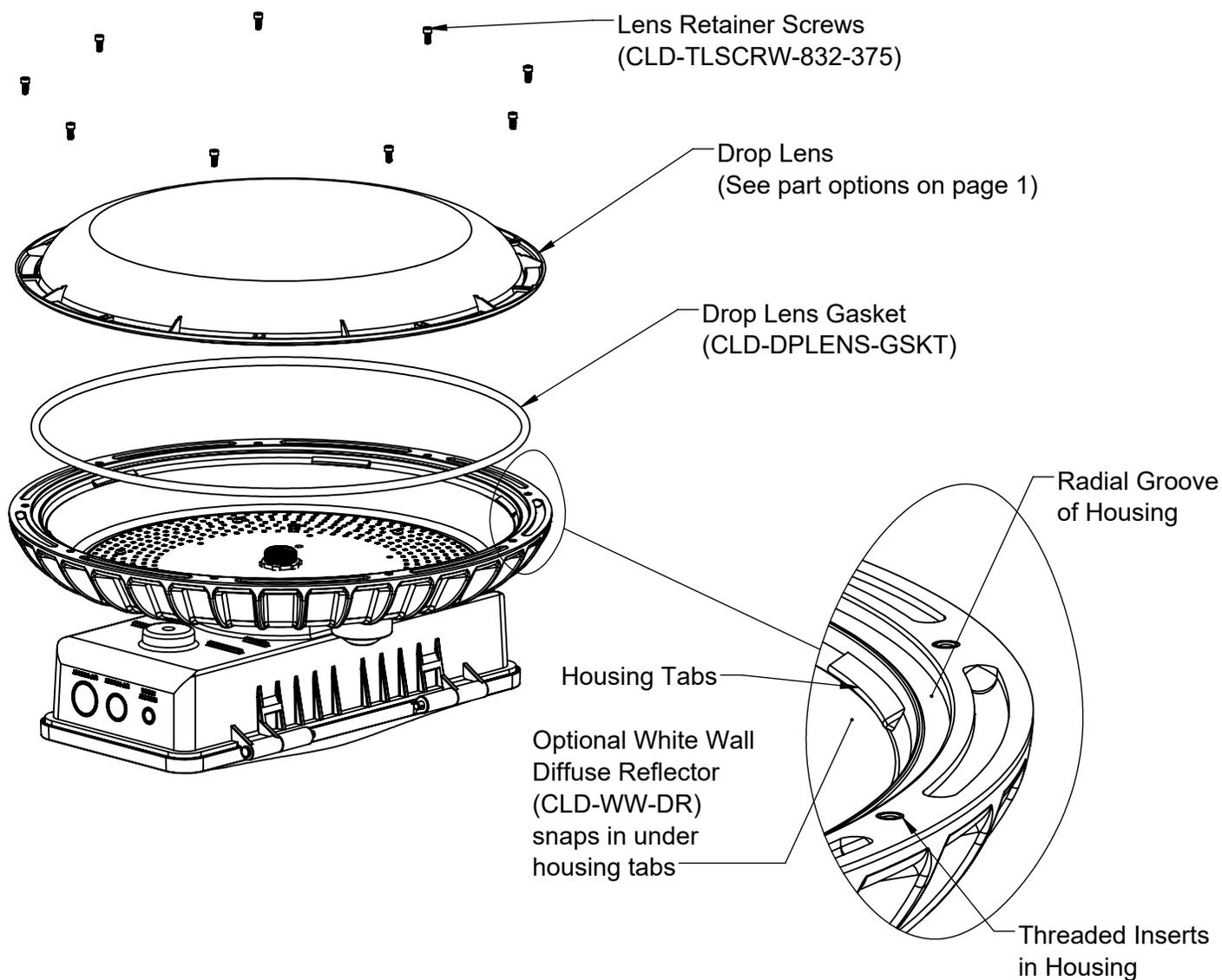and is seated into radial groove

Installing Gasket onto Lens

5.1a) Turn the fixture over with bottom side facing up. Remove the backing paper/film from both sides of lens.

5.2a) Install Lens Gasket onto Lens, by stretching and fitting gasket over the outer perimeter of lens. Note that the side of gasket with the rounded feature must be installed onto the Matte side of Lens, as shown in the details.

5.3a) With fixture still upside down, install Lens with Lens Gasket into cavity of housing. When installed properly, Lens and Lens Gasket will seat inside housing, with rounded feature of gasket inside the radial groove of housing.

5.4a) Align holes of Shroud Ring to the Threaded Inserts already installed in housing, and secure with 9 Lens Retainer Screws. **Recommended screw torque is 15 in/lbs.** Do not overtighten. Note: Lens Retainer Screws require a 9/64" hex key.
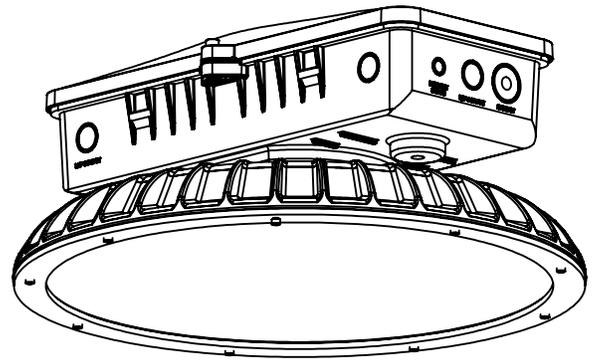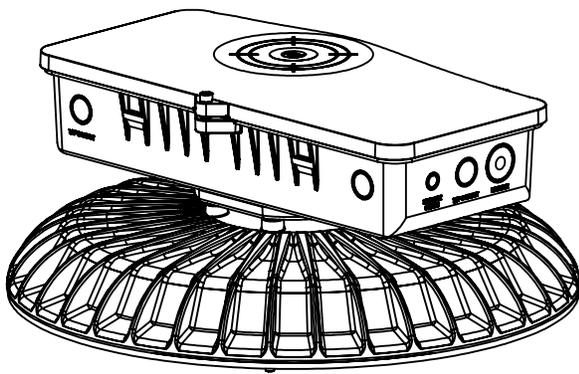
CLD-DMRB-AG 09/20

CircLED with Direct Mount Remote Box Ass'y Guide   Page _7_ of _9_

SLP LIGHTING
A KOLLER ENTERPRISES COMPANY

STEP 5b: Installing *Drop Lens* (See Step 5a for *Flat Lens* install)

Lens Retainer Screws
(CLD-TLSCRW-832-375)

Drop Lens
(See part options on page 1)

Drop Lens Gasket
(CLD-DPLENS-GSKT)

Radial Groove
of Housing

Housing Tabs

Optional White Wall
Diffuse Reflector
(CLD-WW-DR)
snaps in under
housing tabs

Threaded Inserts
in Housing

5.1b) Turn the fixture over with bottom side facing up.

5.2b) Install Drop Lens Gasket into radial groove of housing.

5.3b) With fixture still upside down, align holes of Drop Lens to the Threaded Inserts already installed in housing, and secure with 9 Lens Retainer Screws. **Recommended screw torque is 15 in/lbs.** Do not overtighten. Note: Lens Retainer Screws require a 9/64" hex key.

SLP LIGHTING
A KOLLER ENTERPRISES COMPANY

**Assembled Flat Lens Fixture Views
(Input Wiring Not Shown)**
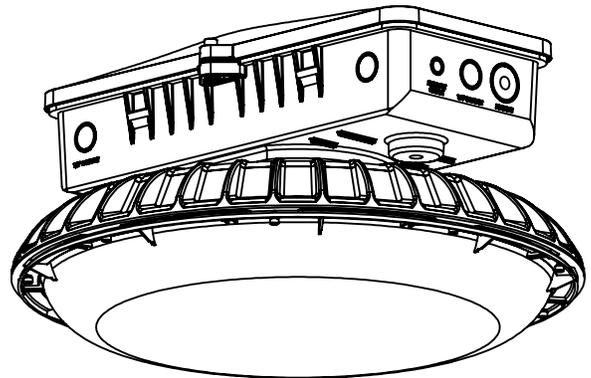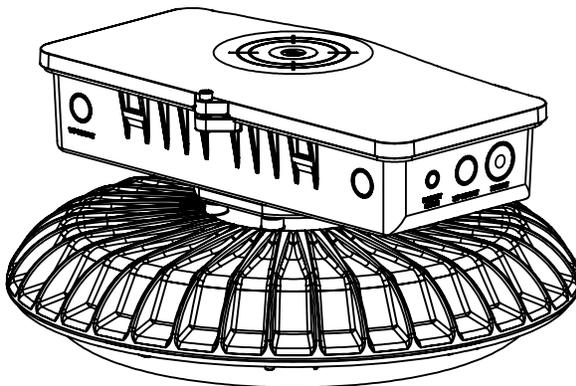
**Assembled Drop Lens Fixture Views
(Input Wiring Not Shown)**

6.1 Test Fixture.
6.2 Package for shipment.

CLD-DMRB-AG   09/20

SLP LIGHTING
A KOLLER ENTERPRISES COMPANY