

Eco-LED High Output Retrofits, New Fixtures and T10 LED Lamps Wholesale Prices (04/05/11)

Package Deals (Includes LED Pancakes, Plate or Yoke, Driver)

Packages with Yokes




Eco-SOL2754-SOLY-120-277	\$360.00	Add for 480V: \$117.33 (48W retrofit for up to 250W HID)
Eco-SOL5498-SOLY-120-277	\$466.67	Add for 480V: \$117.33 (94W retrofit for up to 400W HID)

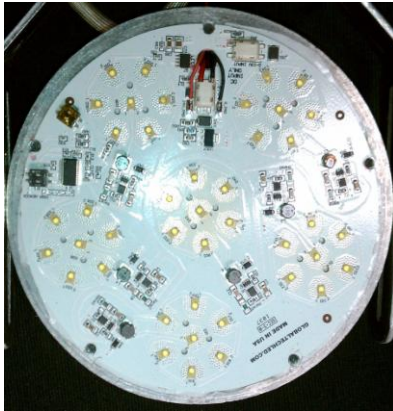
Packages with Plates (all are HO)

Eco-SOL2754-1XPlate-120-277	\$393.33	Add for 480V: \$117.33 (48W retrofit for up to 250W HID)
Eco-SOL5498-1XPlate-120-277	\$526.67	Add for 480V: \$117.33 (94W retrofit for up to 400W HID)
Eco-SOL2754-2XPlate-120-277	\$646.67	Add for 480V: \$117.33 (96W retrofit for up to 400W HID)
Eco-SOL5498-2XPlate-120-277	\$946.67	Add for 480V: \$166.67 (188W retrofit for high light applications of 400W HID)
Eco-SOL2754-3XPlate-120-277	\$913.33	Add for 480V: \$166.67 (144W retrofit for high light applications of 400W HID)
Eco-SOL5498-3XPlate-120-277	\$1,273.33	Add for 480V: \$266.67 (282W retrofit for up to 1000W HID)
Eco-SOL5498-4XPlate-120-277	\$1,693.33	Add for 480V: \$333.33 (376W retrofit for high light applications of 1000W HID)

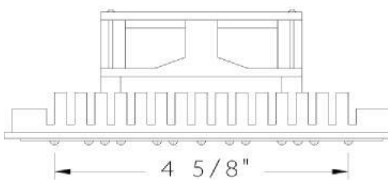
SOL-LUM PANCAKE - PAGE 1 OF 1

MADE IN THE USA

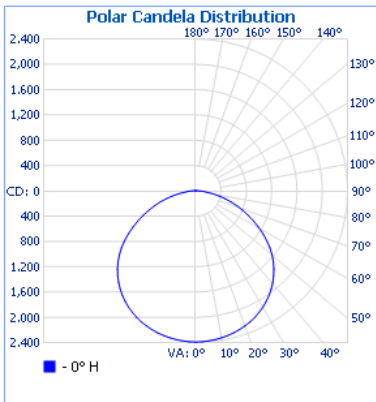
Product No	PICTURES	TYPE	DESCRIPTION	LUMEN PER WATT CHIPS	LUMEN PER WATT EFFICACY	ESTIMATED LUMEN OUTPUT EFFICACY	TOTAL WATTAGE	EQUIVALENT TO HID	Wholesale Prices	100+	250+	500+	1000+	10000+
Eco-SOL2754TRHO		Retrofit Kit	SOL-LUM PANCAKE ONLY.	100 Lm/W	71 Lm/W	2000LM - 3700LM	27W 38W 48W	50W - 175W	\$313.87	\$300.00	\$286.67	\$273.33	\$260.00	\$246.67
Eco-SOL5498TRHO		Retrofit Kit	SOL-LUM PANCAKE ONLY.	100 Lm/W	74 Lm/W	3000LM - 7300LM	40W 60W 70W 94W	70W - 400W	\$464.20	\$393.33	\$380.00	\$366.67	\$353.33	\$333.33
Eco-SOL5498TRGRO		Retrofit Kit	SOL-LUM PANCAKE ONLY.	100 Lm/W	72 Lm/W	3000LM - 7000LM	40W 60W 70W 94W	70W - 400W	\$610.87	\$593.33	\$580.00	\$566.67	\$553.33	\$533.33



DIMENSIONS



WITHOUT LENSES - 42 LED'S



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,900.4	26%	26%
0-40	3,162.9	43.2%	43.2%
0-60	5,730.5	78.3%	78.3%
60-90	1,576.2	21.5%	21.5%
0-90	7,306.8	99.9%	99.9%
90-180	10.2	0.1%	0.1%
0-180	7,317.0	100%	100%

APPLICATION: - Global Tech LED's Solstice units are designed to retrofit into almost any HID fixture using custom fabricated brackets and plates for easy plug and play installation. We can articulate our units and offer a wide array of innovative optics to deliver the light precisely where it's needed. Dark Sky Compliant. Four way switchable power options on board: 40w, 60w, 70w or 95w. This unit is designed to replace 175w – 400w HID lights. This unit also comes with an Energy Saver program that is accessed via a switch on the board.

BALLAST – 50/60Hz ballast. Input voltage 120-277V/100w Step Down Ballast from input voltage to 24V to Solstice Unit. 480v / 100w Ballast also available

MagLev® Fan Technology - By using magnetic levitation force, these fans feature zero friction with no contact between shaft and bearing. 100,000 hour operating life, providing an exceptionally cool running LED unit - 42° Celsius at ambient temperatures

LAMP OUTPUT – 7310 LUMENS

LED SMART BALLAST – Features multiple temperature control values. Over temperature protection, shut down at critical temperature and resume operation temperature. Under voltage lockout for power off or brownout. Operation time/date control. 0-10v Input Port. Occupancy sensing Current accuracy over the LED operating temperature range +/- 3%.

LED SMART BALLAST INTERFACE:

- ❖ 0-10 V Dimming
- ❖ DALI
- ❖ RS-232
- ❖ USB
- ❖ Ethernet
- ❖ Wireless

SMART BALLAST REMOTE MONITORING:

Remote monitoring of the LED Smart Ballast can be achieved using any of the bidirectional interface methods listed above. System health, performance and operational data can be sent to a remote base.

MOUNTING – Yoke Screw in Socket

with optional mogul base adapter, Custom Fabricated Plates to fit most any HID fixture. If ordered with a new fixture the entire unit is delivered as a pre-assembled package for quick plug and play installation.

LENSING – Multiple lensing options available for maximum light distribution, if needed.

DISTRIBUTION PATTERN - Multiple mounting positions for a broad range of narrow to spread symmetrical lighting distribution choices.

WARRANTY – Standard 5 year warranty. Optional 10 year warranty is available.

lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	7310
Watts	93.6
Lumens per Watt (Efficacy)	78
Color Accuracy	
Color Rendering Index (CRI)	74
Light Color	
Correlated Color Temperature (CCT)	
5679 (Daylight)	
Warm White	Bright White
2700K	3000K
	4500K
	6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: QMYP-VRZR44
Model Number: GTSOL5498TRHO (NO LENSES)
Type: Replacement Lamp – Other



Fully Compliant with ARRA Buy American requirements - Made in the U.S.A. with U.S. and imported components.

LUXEON Rebel Lifetime Predictions

Figure 9 shows the expected (BL10, 70) Lifetimes at 90% confidence level for InGaN (i.e. white, blue, cyan and green) LUXEON Rebel as a function of junction temperature.

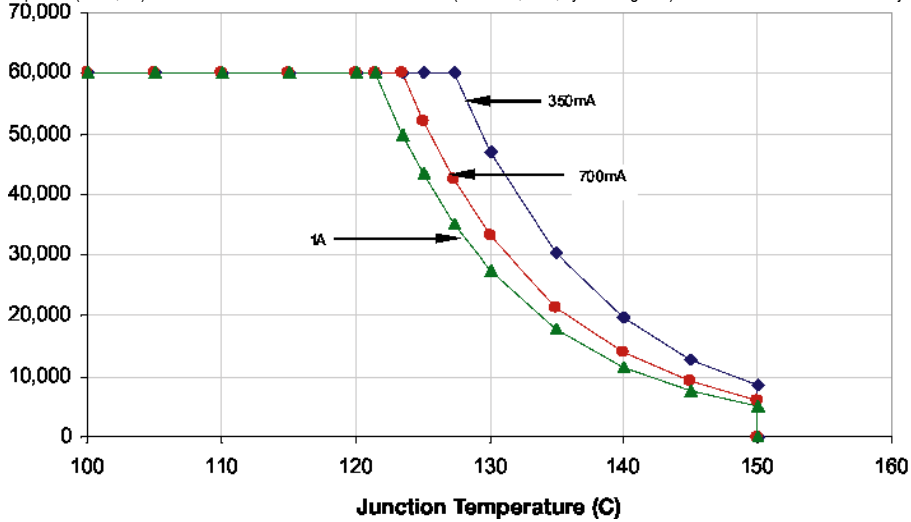
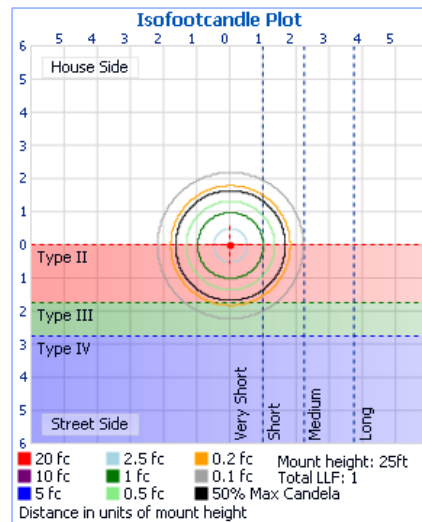


Figure 9. Expected (B10, L70) lifetimes for InGaN LUXEON Rebel.

Center Beam FC	Beam Width
8.3ft	34.41 fc
16.7ft	8.60 fc
25.0ft	3.82 fc
33.3ft	2.15 fc
41.7ft	1.38 fc
50.0ft	0.96 fc

Beam Spread: 117.8°



Ordering Information:

SOL5498TRHO-X-X-X-XX

Example of order using standard options:

SOL5498TRHO-1-1-1-NW

Type



1=GTSOL5498TRHO

Ballast



1=120-277 / 100w
2=480V / 100w
3=No Ballast (24v Solar)

Lenses



1=NO LENSES
2=GTLens 360°
3=GTLens98-NB
4=GTLens98-MB
5=GTLens98-WB

Kelvin



WW=3100 - 3500K
NW=4900-5500K
DW=6000 - 7000K

Other



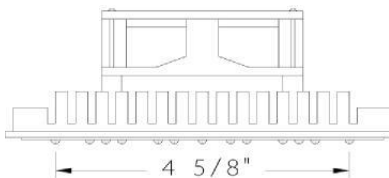
† = SPECIAL ORDER - MINIMUM QUANTITIES APPLY



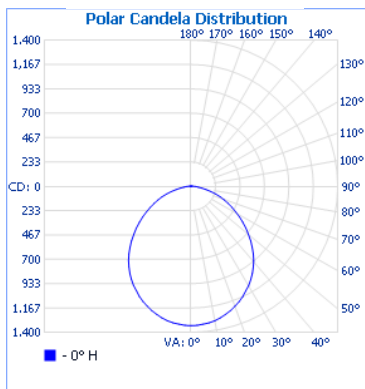
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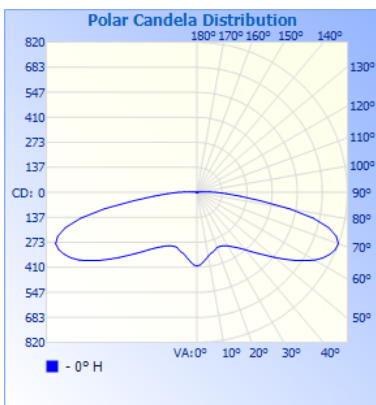
DIMENSIONS



WITHOUT LENSES



WITH 360° LENSES



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BALLAST – 50/60Hz ballast. Input voltage 120-277V.60w Step down Ballast from input voltage to 24V to Solstice Unit. 480v Ballast also available

MagLev® Fan Technology - By using magnetic levitation force, these fans feature zero friction with no contact between shaft and bearing. 100,000 hour operating life, providing an exceptionally cool running LED unit - 42° Celsius at ambient temperatures

LED SMART BALLAST – Features multiple temperature control values. Over temperature protection, shut down at critical temperature and resume operation temperature. Under voltage lockout for power off or brownout. Operation time/date control. 0-10v Input Port. Occupancy sensing Current accuracy over the LED operating temperature range +/- 3%.

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- ❖ Ethernet
- ❖ Wireless

SMART BALLAST REMOTE MONITORING:

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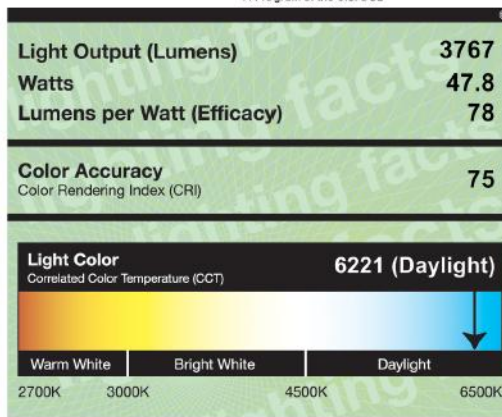
MOUNTING – Yoke Screw in Socket with optional mogul base adapter, Custom Fabricated Plates to fit most any HID fixture. If ordered with a new fixture the entire unit is delivered as a pre-assembled package for quick plug and play installation.

LENSING – Multiple lensing options available for maximum light distribution, if needed.

DISTRIBUTION PATTERN - Multiple mounting positions for a broad range of narrow to spread symmetrical lighting distribution choices.

WARRANTY – Standard 5 year warranty. Optional 10 year warranty is available.

lighting facts^{CM}
 A Program of the U.S. DOE



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Registration Number: QMYP-3TCT7P
 Model Number: GTSOL2754TRHO
 Type: Replacement Lamp – Other



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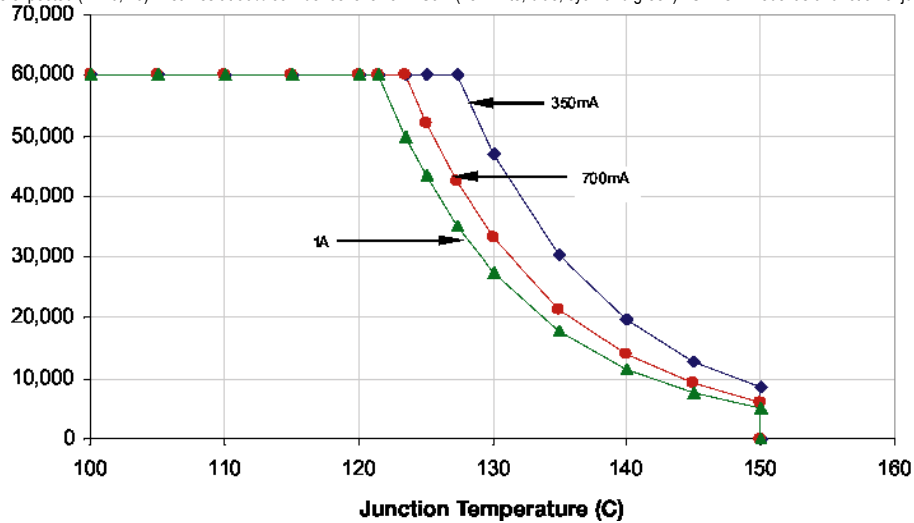
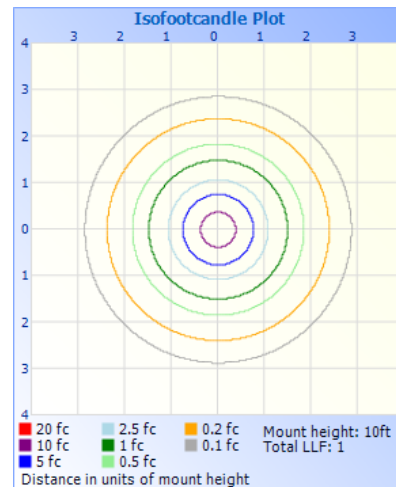


Figure 9. Expected (B10, L70) lifetimes for InGaN LUXEON Rebel.

Illuminance at a Distance		
	Center Beam FC	Beam Width
8.3ft	19.24 fc	21.4ft
16.7ft	4.81 fc	42.8ft
25.0ft	2.14 fc	64.2ft
33.3ft	1.20 fc	85.6ft
41.7ft	0.77 fc	107.0ft
50.0ft	0.53 fc	128.4ft

■ Beam Spread: 104.2°



Ordering Information: **SOL2754TRHO - X - X - X - XX** Example of order using standard options: SOL2754TRHO-1-1-1-NW

Type

1=HIGH OUTPUT

Ballast

1=120-277V 60w
2=480V/100w
3=No Ballast (Solar 24v)

Lenses

1=NO LENSES
2=GTLENS 360°
3=GTLENS50 MB

Kelvin

WW=3100 - 3500K ¶
NW=4900-5500K ¶
DW=6000 - 7000K

Other













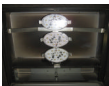


¶ = SPECIAL ORDER - MINIMUM QUANTITIES APPLY



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SOL-LUM ACCESSORIES

Product No	TYPE	PICTURES	DESCRIPTION	Wholesale Prices
Eco-LENS360	SECONDARY OPTIC LENSES (Wide) - Set of 24		OPTIONAL BEAM PATTERNS	\$48.00
Eco-LENS	SECONDARY OPTIC LENSES (Spot) - Set of 24		OPTIONAL BEAM PATTERNS	\$48.00
Eco-BSOLY	MEDIUM BASE YOKE BRACKET		Y SHAPED BRACKET AND MALE HEAD	\$29.33
Eco-GLR63	TYPE 3 REFRACTOR		6" DIAMETER REFRACTOR FOR POST TOP	\$38.87
Eco-GLR65	TYPE 5 REFRACTOR		6" DIAMETER REFRACTOR FOR POST TOP	\$38.87
Eco-GFGRB	ALUMINUM SPACER		SPACER FOR POST TOP	\$15.40
Eco-DBAL60	BALLAST		277v DRIVER 60W	\$52.80
Eco-DBAL100	BALLAST		277v DRIVER 100W	\$63.80
Eco-DBAL150	BALLAST		277v DRIVER 150w	\$137.57
Eco-DBAL200	BALLAST		277v DRIVER 200w	\$151.95
Eco-DBAL300	BALLAST		277v DRIVER 300W	\$174.53
Eco-DBAL100-480	BALLAST		277v DRIVER 480v DRIVER 100W	\$176.00
Eco-MGL	MOGUL BASE ADAPTER		MEDIUM TO MOGUL BASE ADAPTER	\$7.33
Eco-PGP1	GARDCO GP1 BRACKET		GARDCO BRACKET RETROFIT ALSO	\$16.87
Eco-BUB	U BRACKET ASSEMBLY		U SHAPED BRACKET	\$20.53
Eco-SGC	SWITCH GENIE CONTROL		SWITCHING SYSTEM FOR 2/3/4 SOL-LUM	\$145.20
Eco-SGS	SWITCH GENIE SWITCH		WALL SWITCH TO CONTROL SWITCHING	\$130.53
Eco-HBR1SI	RETROFIT BRACKETRY		HIGH BAY 1 UNIT SCREW IN BRACKET	\$133.47
Eco-HBR2SI	RETROFIT BRACKETRY		HIGH BAY 2 UNIT SCREW IN BRACKET	\$143.73

Eco-BCA	RETROFIT BRACKETRY		CUSTOM ARM BRACKET	Custom
Eco-PCSP1	RETROFIT PLATE		STAMPED PLATE 1 UNIT	\$51.33
Eco-PCSP2	RETROFIT PLATE		STAMPED PLATE 2 UNIT	\$54.27
Eco-PCSP3	RETROFIT PLATE		STAMPED PLATE 3 UNIT	\$57.20
Eco-PCSP4	RETROFIT PLATE		STAMPED PLATE 4 UNIT	\$60.13
Eco-PCHP1	COBRA HEAD RETROFIT PLATE WITH 30 DEGREE THROW		COBRA HEAD STAMPED PLATE 1 UNIT	\$58.67
Eco-PCHP2	COBRA HEAD RETROFIT PLATE WITH 30 DEGREE THROW		COBRA HEAD STAMPED PLATE 2 UNIT	\$66.00

NEW FIXTURES

MADE IN THE USA

Product No	TYPE	PICTURES	DESCRIPTION	WORKS WITH	<u>Wholesale Prices</u>
Eco-FC-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Cobra Head Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$190.67
Eco-FC-2X	NEW FIXTURE		Includes 2 Unit Stamped Plate and New Cobra Head Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$197.33
Eco-FVN41-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Vandal Resistant Surface Mount Fixture	Eco-SOL2754TR	\$116.91
Eco-FVN42-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Vandal Resistant Surface Mount Fixture	Eco-SOL2754TR	\$120.20
Eco-FVNG130-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Vandal Resistant Surface Mount Fixture	Eco-SOL2754TR	\$269.05

Eco-FVNG40-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Vandal Resistant Surface Mount Fixture	Eco-SOL2754TR	\$181.25
<u>Eco-FTGL40-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Vandal Resistant Surface Mount Fixture	Eco-SOL2754TR	\$189.36
<u>Eco-FSMO21-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Surface Mount Fixture	Eco-SOL2754	\$129.48
Eco-FWP15L-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco-SOL2754TR	\$115.75
Eco-FWPA15-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco-SOL2754TR	\$127.36
<u>Eco-FWP20-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco-SOL2754TR	\$156.16
Eco-FWH20-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco-SOL2754TR	\$156.16
Eco-FWP25L-1X	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$164.47
<u>Eco-FWH25-1X</u>			Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$163.72
<u>Eco-FWPA25-1X</u>			Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$178.69

<u>Eco-FWPC20-1X</u>			Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco- SOL2754TR	\$171.61
<u>Eco-FWPC25-1X</u>			Includes 1 Unit Stamped Plate and New Wall Mount Fixture	Eco- SOL2754TR / Eco- SOL5498TR	\$179.17
<u>Eco-FL46-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Flood Fixture	Eco- SOL2754TR	\$105.41
<u>Eco-FL50-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Flood or Pole Mount Fixture	Eco- SOL2754TR	\$153.98
<u>Eco-FAD20-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Flood or Pole Mount Fixture	Eco- SOL2754TR	\$222.93
<u>Eco-FL70-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Flood or Pole Mount Fixture	Eco- SOL2754TR / Eco- SOL5498TR	\$226.78
<u>Eco-FBW20-1X</u>	NEW FIXTURE	 <small>BW205</small>	Includes 1 Unit Stamped Plate and New Pole Mount Fixture	Eco- SOL2754TR / Eco- SOL5498TR	\$406.12
<u>Eco-FA20-1X</u>	NEW FIXTURE	 <small>FA205</small>	Includes 1 Unit Stamped Plate and New Pole Mount Fixture	Eco- SOL2754TR / Eco- SOL5498TR	\$286.82
<u>Eco-FMD30-1X</u>	NEW FIXTURE	 <small>MD304</small>	Includes 1 Unit Stamped Plate and New Pole Mount Fixture	Eco- SOL2754TR / Eco- SOL5498TR	\$566.59
<u>Eco-FKHU20-1X</u>	NEW FIXTURE	 <small>KHU20A</small>	Includes 1 Unit Stamped Plate and New Pole Mount Fixture	Eco- SOL2754TR	\$518.04
<u>Eco-FAD40-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Flood or Pole Mount Fixture	Eco- SOL2754TR / Eco- SOL5498TR	\$353.79

<u>Eco-FAL50-1X</u>	NEW FIXTURE		Includes 1 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR	\$160.69
<u>Eco-FBW30-2X</u>	NEW FIXTURE		Includes 2 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$442.30
<u>Eco-FMD30-2X</u>	NEW FIXTURE		Includes 2 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$573.26
<u>Eco-FL90-2X</u>	NEW FIXTURE		Includes 2 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$320.91
<u>Eco-FA30-2X</u>	NEW FIXTURE		Includes 2 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$359.40
<u>Eco-FMD30-3X</u>	NEW FIXTURE		Includes 3 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$579.93
<u>Eco-FL90-3X</u>	NEW FIXTURE		Includes 3 Unit Stamped Plate and New Flood or Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$327.57
<u>Eco-FBW30-3X</u>	NEW FIXTURE		Includes 3 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$448.96
<u>Eco-FA30-3X</u>	NEW FIXTURE		Includes 3 Unit Stamped Plate and New Pole Mount Fixture	Eco-SOL2754TR / Eco-SOL5498TR	\$366.06
<u>Eco-FHB11AR16-1X</u>	New Fixture		Includes 1 Hole Stamped Plate, Hook & Cord, and New 16 Aluminum High Bay Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$105.64
<u>Eco-FHB11AR16-2X</u>	New Fixture		Includes 2 Hole Stamped Plate, Hook & Cord, and New 16 Aluminum High Bay Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$112.31

Eco-FHBACR16-1X	New Fixture		Includes Bracketry, Hook & Cord, and New 16 ACRYLIC High Bay Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$128.69
Eco-FHB11AR22-2X	New Fixture		Includes 2 Hole Stamped Plate, Hook & Cord, and New 22 Aluminum High Bay Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$132.28
Eco-FHB11AR22-3X	New Fixture		Includes 3 Hole Stamped Plate, Hook & Cord, and New 22 Aluminum High Bay Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$138.95
Eco-FHB11AR22-4X	New Fixture		Includes 4 Hole Stamped Plate, Hook & Cord, and New 22 Aluminum High Bay Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$145.61
<u>Eco-FSP50-1X</u>	New Fixture		Includes 1 Hole Stamped Plate, and New 19" Aluminum SPORTLIGHTER Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$210.17
<u>Eco-FSP50-2X</u>	New Fixture		Includes 2 Hole Stamped Plate, and New 19" Aluminum SPORTLIGHTER Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$216.84
<u>Eco-FSP50-3X</u>	New Fixture		Includes 3 Hole Stamped Plate, and New 19" Aluminum SPORTLIGHTER Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$223.51
<u>Eco-FSP50-4X</u>	New Fixture		Includes 4 Hole Stamped Plate, and New 19" Aluminum SPORTLIGHTER Fixture.	Eco-SOL2754TR / Eco-SOL5498TR	\$230.17