

# Tundra 3 Series

## LED Shallow Box Light High Performance / Outdoor Lighting IP65 Rated

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

### SPECIFICATIONS

- DRIVER — Universal Voltage 120/277V Electronic Driver - Class II UL listed.  
Surge protection: 10KA Standard.
- FINISH — Bronze finish is standard. Black and White finish are optional.
- LENS — Tempered/Shatter-Resistant Glass.
- HARDWARE — S316 Stainless steel screws for corrosion resistance.
- HOUSING — Die-cast aluminum heat sink - LED TC<75°C (@25°C ambient).  
Provides excellent thermal management for long lifespan.
- LED DISTRIBUTION — Type III is Standard. Type V is Optional.
- LED LIFETIME — 150,000hrs per L70 TM-21 @ 25°C.
- LIGHT ENGINE — Energy efficient LED - High Efficacy up to 120LPW. Dimming, Photocell, and Motion Sensor options are available.
- MOUNTING — Slip Fitter (SLPF), Straight Arm (STRA), Trunnion Bracket (TRUN), or Yoke Bracket (YOKE).
- OPERATIONAL TEMPERATURE — -25°C to +45°C.
- REFLECTOR — High purity anodized aluminum reflector.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. UL/cUL Listed. Class II. UL1598 suitable for wet locations. IP65 Rated.
- WARRANTY — 5 Year Limited Warranty.



	Series	Mounting	Distribution	LED Wattage	CCT	Voltage	Finish	Options
ORDERING GUIDE:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

#### SERIES

TD3 = Tundra 3 Series

#### MOUNTING

SLPF = Slip Fitter  
STRA = Straight Arm  
TRUN = Trunnion Bracket  
YOKE = Yoke Bracket

#### LED DISTRIBUTION TYPE

III = Type III Distribution (40° Lateral Width) - Standard  
V = Type V Distribution (360° Radial Coverage)

#### LED WATTAGE

See LED System Chart Below for Lumen / Size Info

LED65 = 65 Watt LED  
LED105 = 105 Watt LED (Includes Standard Dimmable Driver)  
LED140 = 140 Watt LED  
LED210 = 210 Watt LED  
LED300 = 300 Watt LED

#### LED COLOR TEMPERATURE (CCT)

4K = ±4000K range  
45K = ±4500K range  
5K = ±5000K range

#### VOLTAGE

347 = 347 Volt  
480 = 480 Volt  
UNV = Universal Volt (120-277v) Driver

#### FINISH

BK = Black  
BZ = Bronze — Standard  
WHT = White

#### DIMMING OPTIONS

D7 = 0-10VDC LED Dimming Driver

#### CONTROL OPTIONS

9328 = Universal Photocell (120/277V)  
OCC = Occupancy Sensing | Motion Sensor Integral  
— Microwave / Single Feed / 120/277V Only  
— Standby Dim Level Presets: ON/OFF (0%/100%)

### LED SYSTEM SPECIFICATION SUMMARY

LED WATTAGE	LUMENS OUTPUT (LM)*	EFFICACY (LM/W)	CCT	POWER FACTOR	THD	CRI	FIXTURE DIMENSIONS
65 Watt	7800 Lumens	120 lm/W	5000K	>90%	<20%	75	21.0"L x 10.8"W x 3.6"H
105 Watt	12,600 Lumens	120 lm/W	5000K	>90%	<20%	75	
140 Watt	16,800 Lumens	120 lm/W	5000K	>90%	<20%	75	
210 Watt	25,620 Lumens	120 lm/W	5000K	>90%	<20%	75	25.1"L x 15.75"W x 4.4"H
300 Watt	36,000 Lumens	120 lm/W	5000K	>90%	<20%	75	

\*NOTE: Lumen Output listed is estimated based upon delivered lumens at 5000K CCT.

LED WATTAGE MODELS



LED65



LED105



LED140



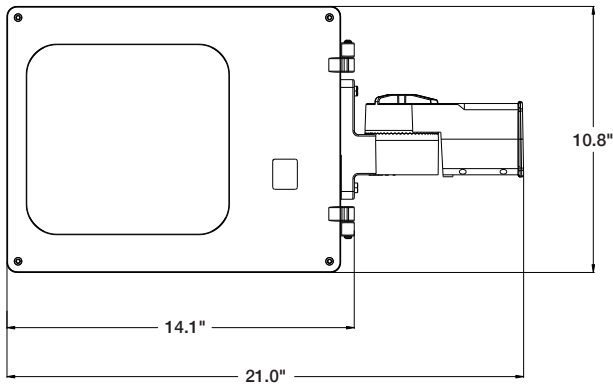
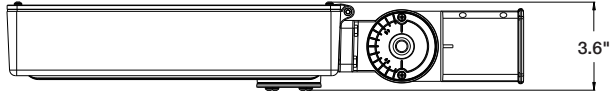
LED210



LED300

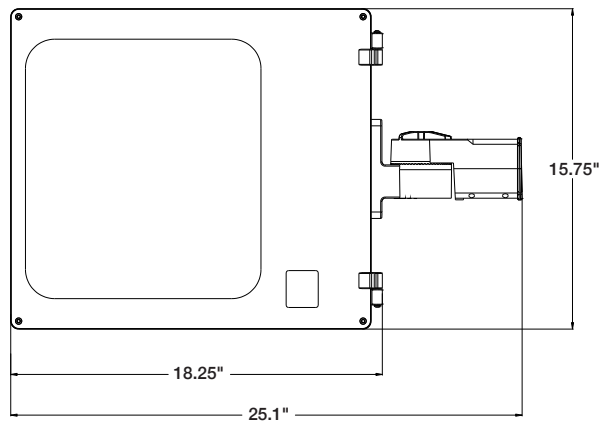
DIMENSIONS

LED65 / LED105 / LED140 MODELS



DIMENSIONS

LED210 / LED300 MODELS



MOUNTING TYPES



Slip Fitter (SLPF)



Straight Arm (STRA)

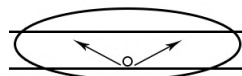


Trunnion Bracket (TRUN)

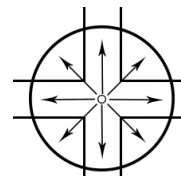


Yoke Bracket (YOKE)

LED DISTRIBUTION TYPES



TYPE III  
40° Lateral Width

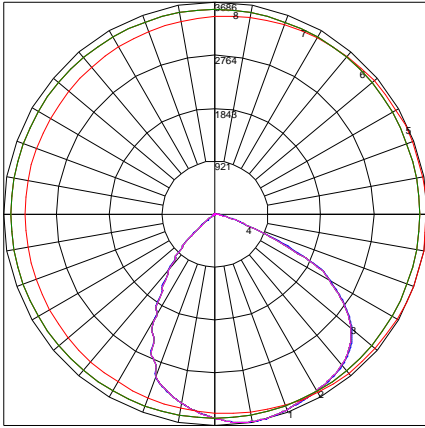


TYPE V  
360° Radial Coverage

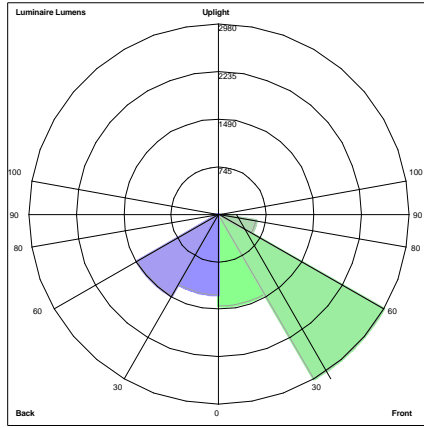
PHOTOMETRIC DATA

Test Catalogue #: TD3-III-LED65-5K-UNV   Test Date: 8/1/2018						
Lamp Output	Lumen Efficacy	Input Voltage	Input Wattage	Distribution Type	Color Temp	BUG Rating
7835.9 Lumens	127.0 LPW	120.0V	61.7W	Type III	5000K	B3-U0-G1

POLAR GRAPH



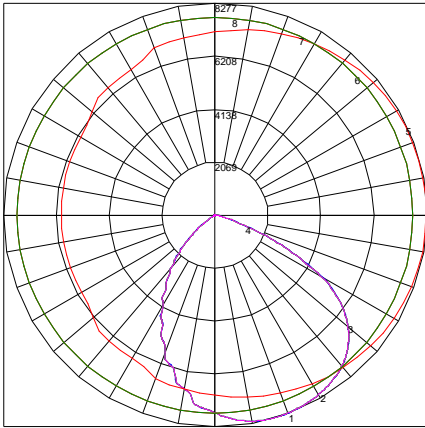
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



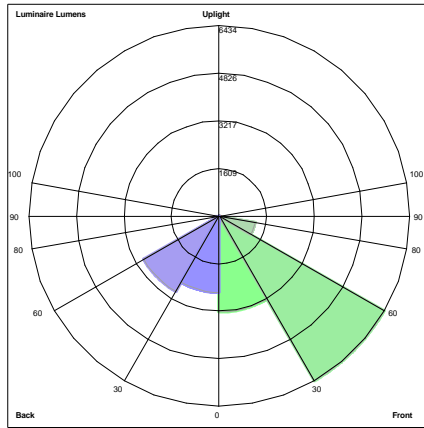
LCS Summary	
Zone	Lumens
Forward Low (0-30)	1443.1
Forward Medium (30-60)	2980.0
Forward High (60-80)	590.0
Forward Very High (80-90)	12.5
Back Low (0-30)	1264.3
Back Medium (30-60)	1476.3
Back High (60-80)	62.5
Back Very High (80-90)	7.3
Up Low (90-100)	0.0
Up High (100-180)	0.0

Test Catalogue #: TD3-III-LED140-4K-UNV   Test Date: 8/1/2018						
Lamp Output	Lumen Efficacy	Input Voltage	Input Wattage	Distribution Type	Color Temp	BUG Rating
16,625 Lumens	123.9 LPW	120.0V	134.09W	Type III	4000K	B4-U0-G1

POLAR GRAPH



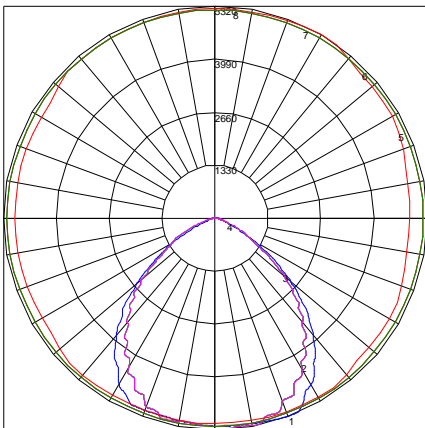
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



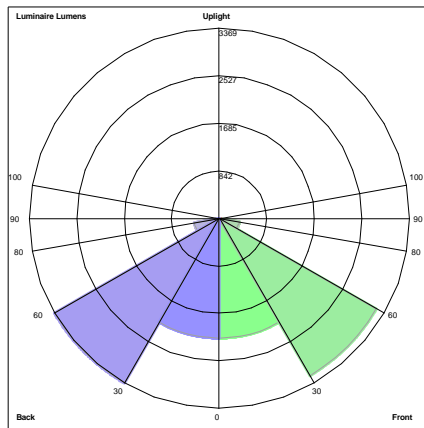
LCS Summary	
Zone	Lumens
Forward Low (0-30)	3242.9
Forward Medium (30-60)	6434.4
Forward High (60-80)	1228.6
Forward Very High (80-90)	24.9
Back Low (0-30)	2583.2
Back Medium (30-60)	2933.8
Back High (60-80)	161.1
Back Very High (80-90)	16.5
Up Low (90-100)	0.0
Up High (100-180)	0.0

Test Catalogue #: TD3-V-LED105-4K-UNV   Test Date: 8/1/2018						
Lamp Output	Lumen Efficacy	Input Voltage	Input Wattage	Distribution Type	Color Temp	BUG Rating
11,647.1 Lumens	121.3 LPW	120.0V	96.0W	Type V - Short	4000K	B3-U0-G0

POLAR GRAPH



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH

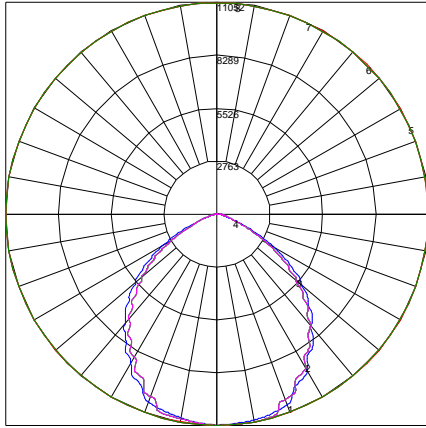


LCS Summary	
Zone	Lumens
Forward Low (0-30)	2122.1
Forward Medium (30-60)	3213.6
Forward High (60-80)	357.2
Forward Very High (80-90)	9.8
Back Low (0-30)	2121.8
Back Medium (30-60)	3369.2
Back High (60-80)	445.3
Back Very High (80-90)	8.1
Up Low (90-100)	0.0
Up High (100-180)	0.0

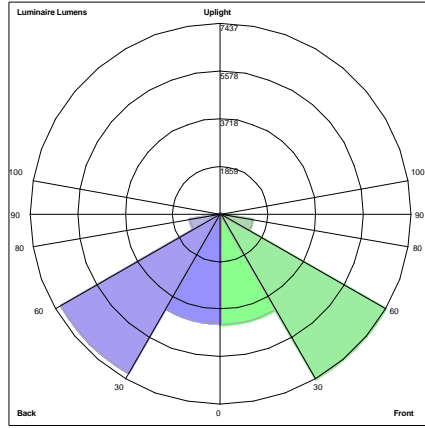
PHOTOMETRIC DATA

Test Catalogue #: TD3-V-LED210-4K-UNV				Test Date: 7/24/2018		
Lamp Output	Lumen Efficacy	Input Voltage	Input Wattage	Distribution Type	Color Temp	BUG Rating
25,746.9 Lumens	121.2 LPW	120.0V	212.42W	Type V - Short	4000K	B4-U0-G1

POLAR GRAPH



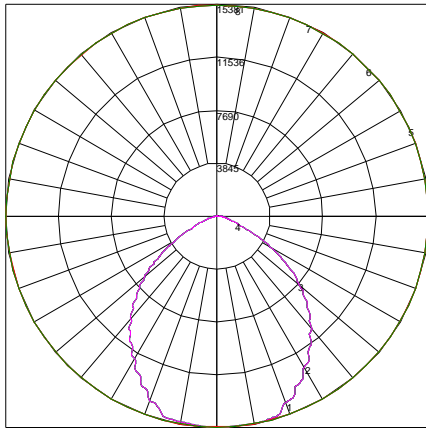
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



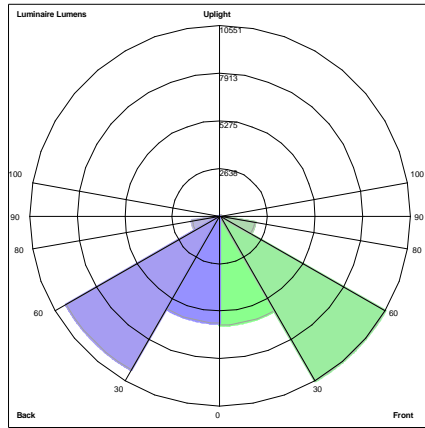
LCS Summary	
Zone	Lumens
Forward Low (0-30)	4324.1
Forward Medium (30-60)	7436.8
Forward High (60-80)	1276.6
Forward Very High (80-90)	48.4
Back Low (0-30)	4264.0
Back Medium (30-60)	7170.7
Back High (60-80)	1204.7
Back Very High (80-90)	21.6
Up Low (90-100)	0.0
Up High (100-180)	0.0

Test Catalogue #: TD3-V-LED300-4K-UNV				Test Date: 7/24/2018		
Lamp Output	Lumen Efficacy	Input Voltage	Input Wattage	Distribution Type	Color Temp	BUG Rating
35,991.0 Lumens	124.5 LPW	120.0V	289.07W	Type V - Short	4000K	B5-U0-G2

POLAR GRAPH



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



LCS Summary	
Zone	Lumens
Forward Low (0-30)	6039.8
Forward Medium (30-60)	10,550.7
Forward High (60-80)	1957.6
Forward Very High (80-90)	84.5
Back Low (0-30)	5931.2
Back Medium (30-60)	9840.0
Back High (60-80)	1559.6
Back Very High (80-90)	28.0
Up Low (90-100)	0.0
Up High (100-180)	0.0