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

TUNDRA

Energy Saving Square Area Luminaire
LED

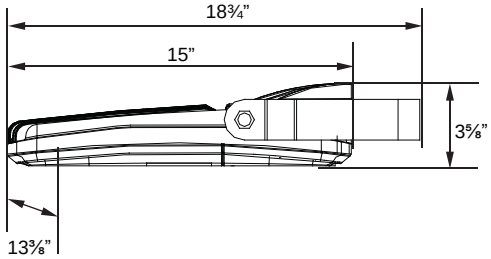
CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

MADE IN USA

ARRA Compliant

SPECIFICATIONS

- HOUSING — Precision die cast aluminum housing and lens frame. Housing is designed with integral heat sinking for proper thermal management of LED arrays. Concealed internal driver compartment designed to provide long life for LED drivers.
- LENS — .156" thick clear, tempered glass lens (TYPE 3 Distribution) provided as standard. Clear Prismatic Glass (CP) with Medium Beam Spread option available.
- FINISH — Cast aluminum housing, Lens Frame and optional mounting hardware finished in chip & fade resistant polyester powder coating. Bronze finish standard with custom colors available. Consult factory on custom finish options.
- GASKETING — High temp., non-aging black EPDM gasketed seal. Seals die cast lens frame to the die cast housing to protect against exterior contaminants.
- DRIVER — Universal voltage (120 thru 277 Volt) supplied as standard. Optional 347 Volt available. Bi-Level operation and 0-10V Dimming available. See LED options.
- LED ARRAY — Offered in either 81W or 125W versions. LED arrays have a minimum CRI of 72 and rated for 50,000 hours of operational life. Aluminum clad substrate is used for all LED arrays to provide proper thermal management of the LEDs and to extend operational life of the array.
- DELIVERED LUMENS — 81 watt version with Clear Glass Optic **(7097 Lumens)**. 81 watt version with Clear Prismatic Glass **(7751 Lumens)**. 125 watt verson with Clear Prismatic Glass **(10,530 Lumens)**.
- MOUNTING — Numerous mounting options available. **(BRKM)** Two Piece Swivel Mount Bracket, **(EHM)** Easy Hang Wall Mount Bracket, **(KARM)** One Piece Die Cast Arm Mount, designed for square poles, **(SFM)** Slip-fitter Flood Mount Bracket, **(SSM)** Slip-fitter Street Mount Bracket, **(YKM)** Yoke Mount Bracket. Also available to choose from six different pole mount head options. See Mounting Options and illustrations on Page 2.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for Wet Locations. IP67 Tested & Approved.
- WARRANTY — Standard 5 Years, defects and workmanship.
  **Consult Factory for Extended Conditional Warranty.*



Shown with Yoke Mount Bracket (YKM)

ORDERING GUIDE:

Series	Lamp/Wattage	Color	Voltage	Finish	Options

SERIES
TD = Tundra Series (18¾"L x 13⅜"W x 3⅝"D)

LED WATTAGE
LED81 = 81 Watt LED
LED125 = 125 Watt LED

LED COLOR TEMPERATURE
3K = ±3000K range
4K = ±4000K range
5K = ±5000K range
6K = ±6500K range

VOLTAGE
347 = 347 Volts
EBU = Universal Volt (120-277v) Electronic Driver
**Consult Factory for Other Voltages*

FINISH
BZ = Bronze
CC = Custom Color
(Consult Factor for Other Finishes)

OPTIONS❶
9206 = Photocell 120V
9221 = Photocell 277V
9328 = Universal Photocell 120/277V
ARM = Extended Arm—Specify Length: 6", 10" or 12"
BL1 = Bi-Level Light (High/Low) — Single AC Input Feed, with Switch Sensor (Required)
BL2 = Bi-Level Light (High/Low) — Wired for Dual AC Input Feeds
CP = Clear Prismatic Glass
D7 = 0-10V low-voltage dimming (100-30% Standard, Consult Factory for Other)
FUS = Single Fusing
MSE = Motion Sensor External; Single circuit, all on, all off Specify Finish: White (WH)/Bronze (BZ)
MSE2 = Motion Sensor External; Dual circuit, half on half off Specify Finish: White (WH)/Bronze (BZ)
SG = 10KA Surge Protection for LED (meets ANSI spec C62.41.2)
**Consult Factor for Alternate Surge Protection Options*

MOUNTING OPTIONS
BRKM = Two-Piece Swivel Bracket Mount
EHM = Easy Hang Wall Bracket Mount
KARM = One Piece Die Cast Arm Mount (Attaches Directly to Square Poles)
PARM = Pole Mounting Arm Adapter, Fits 2-3/8" Arm Includes Hardware, Bronze Finish
SFM = Slipfitter Flood Mount
SSM = Slipfitter Street Mount
YKM = Yoke Mount
P1 = Single Pole Tenon Spoke Bracket
P2 = Twin Pole Tenon Spoke Bracket, 90° Arms
P3 = Twin Pole Tenon Spoke Bracket, 180° Arms
P4 = Triple Pole Tenon Spoke Bracket, 90° Arms
P5 = Triple Pole Tenon Spoke Bracket, 120° Arms
P6 = Quad Pole Tenon Spoke Bracket, 90° Arms

NOTES:

❶ Consult Factory with requests regarding alternate power control systems including Motion Sensing, Daylight Harvesting, Bi-Level Control, LED Drivers and alternate wattages.

- See next page for photometric diagrams and visit www.eclipselightinginc.com for Photometric IES Reports.
- Please note LEDs are constantly evolving and LPW are subject to change.

TUNDRA MOUNTING OPTIONS

Bracket Mount
(BRKM)

Easy Hang Wall
Bracket Mount
(EHM)

One Piece Die Cast
Arm Mount
(KARM)

Pole Mounting
Arm Adapter
(PARM)

Slipfitter
Flood Mount
(SFM)

Slipfitter
Street Mount
(SSM)

Yoke Mount
(YKM)

Pole Mount
Option 1
(P1)

Pole Mount
Option 2
(P2)

Pole Mount
Option 3
(P3)

Pole Mount
Option 4
(P4)

Pole Mount
Option 5
(P5)

Pole Mount
Option 6
(P6)

Test # 70041259-2
TD-LED81-5K-EBU

Test Date: 07/31/2015

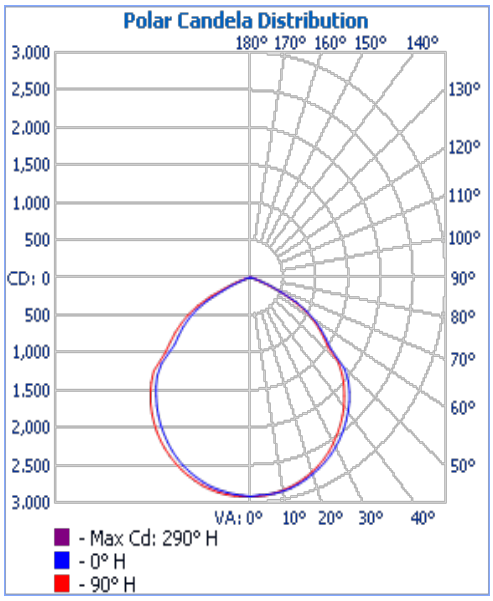
Tested in accordance with LM-79-80
The results contained in this summary report pertain only to the tested sample

Electrical Test Conditions				
Temp	**Voltage**	**Current**	**Power**	**Power Factor**
25ºC (±1°C)	120.0	0.7337 Amps	87.65	0.9951

Summary of Results	
Total Lumen Output	**7752**
Efficacy *(Lm/W)*	**83.15**

Zonal Lumen Summary		
Zone	**Lumens**	**%Luminaire**
0-30	2325.6	30
0-40	3864.2	49.9
0-60	6840.6	88.3
60-90	908.3	100
0-90	7748.9	100.0
90-180	0.0	0.0
0-180	7748.9	100.0

Cone of Light Tabulation (Beam Angle)			
Mounting Height (Ft)	**Footcandles at Nadir**	**Diameter (Ft)**	
5.0	116.80	13.7	14.0
10.0	29.20	27.4	27.9
15.0	12.98	41.1	41.9
20.0	7.30	54.7	55.9
25.0	4.67	68.4	69.8



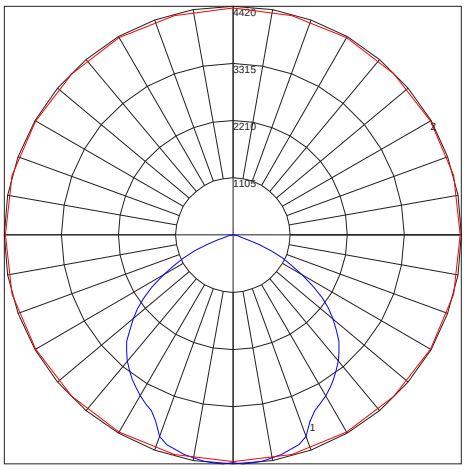
Test # Q2014102301
TD-LED125-5K-EBU

Test Date: 10/23/2014

Tested in accordance with LM-79-80
The results contained in this summary report pertain only to the tested sample

Summary of Results	
Total Lumen Output	**13573**
Efficacy *(Lm/W)*	**78**

Zonal Lumen Summary		
Zone	**Lumens**	**%Luminaire**
0-30	1669.3	15.9
0-60	4603.7	43.8
60-90	659.3	6.3
0-90	6932.3	66.0
90-180	4.5	0.0
0-180	10530.5	100.0



Maximum Candela = 4419.503 Located At Horizontal Angle = 15, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (15 - 195) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ECLIPSE™ LIGHTING

9245 W. Ivanhoe St. I Schiller Park, IL 60176
P: 847-260-0333 I F:847-260-0344 I E: quotes@eclipselightinginc.com I W: eclipselightinginc.com