

Tundra 2

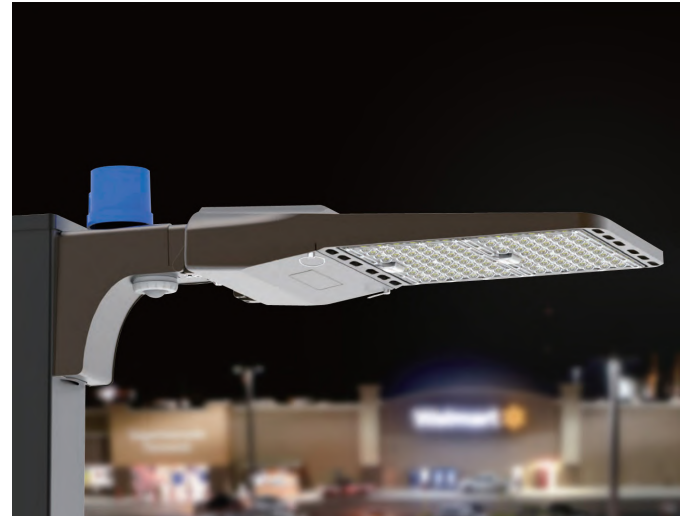
Pole/Wall LED Slimline Luminaire
High Performance / Long Lifetime
Flood / Area Lighting

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

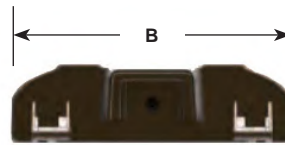
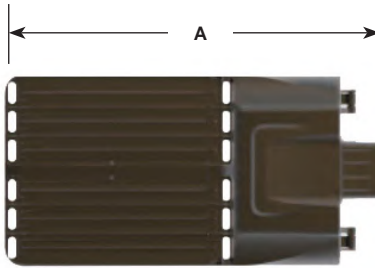
SPECIFICATIONS

- HOUSING — Precision die cast aluminum housing and lens frame. Integrated heatsink with cooling fins provide optimal thermal management for long lifetime and performance.
- LENS — Modular PC Lens designed for easy replacement.
- FINISH — Cast aluminum housing finished in chip & fade resistant polyester powder coating.
- DRIVER — Universal voltage (120 thru 277 Volt) supplied as standard.
- LIGHT DISTRIBUTION — Type II-M thru Type V-M Distribution.
- LED ARRAY — Offered 80W up to 240W versions. LED arrays have a minimum CRI of 80Ra and rated for >120,000 hours of operational life (L70).
- COLOR TEMPERATURE — 3000K thru 6500K.
- POWER FACTOR — 0.95.
- THD — <15%.
- OPERATING TEMP — -40°C to +55°C.
- MOUNTING — Numerous mounting options available. (BRKM) Two Piece Mount Bracket, (OPAM) One Piece Die Cast Arm Mount, designed for square poles, (PARM) Pole Bracket Arm Mount Adapter, (YKM) Yoke Mount Bracket. Also available to choose from six different pole mount head options and five bull horn type mounting options.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for Wet Locations. IP66 Tested & Approved. 3G Vibration Test Pending.
- WARRANTY — Standard 5 Years, defects and workmanship.

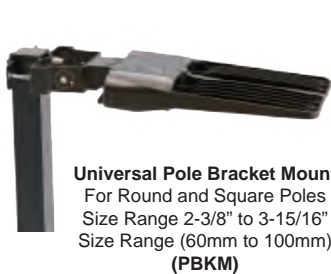


DIMENSIONS

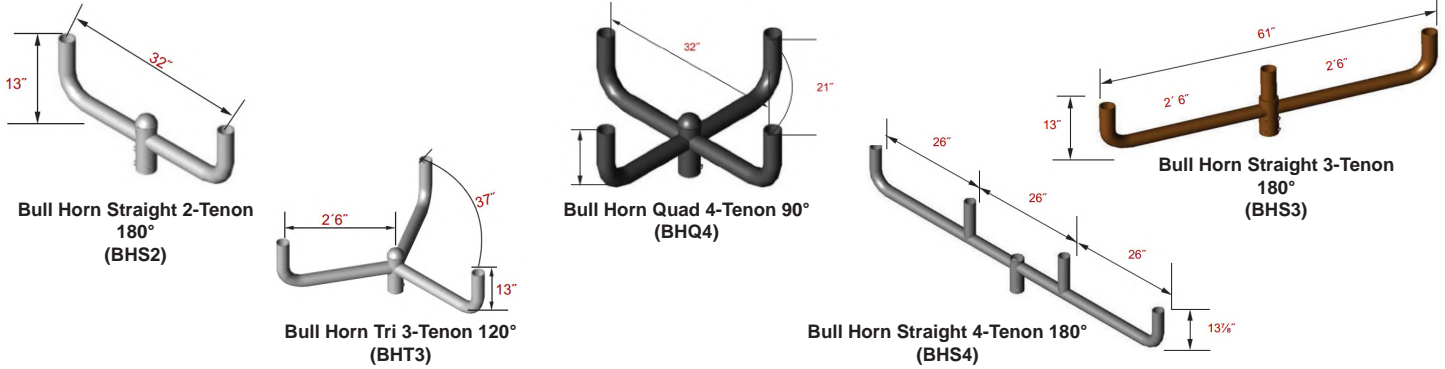
TUNDRA 2 DIMENSIONS / LED MODELS		
DIMENSION	LED80-LED185 Models	LED240 Models
LENGTH (A)	16.85"	23.42"
WIDTH (B)	11.95"	11.95"
HEIGHT (C)	3.45"	3.62"



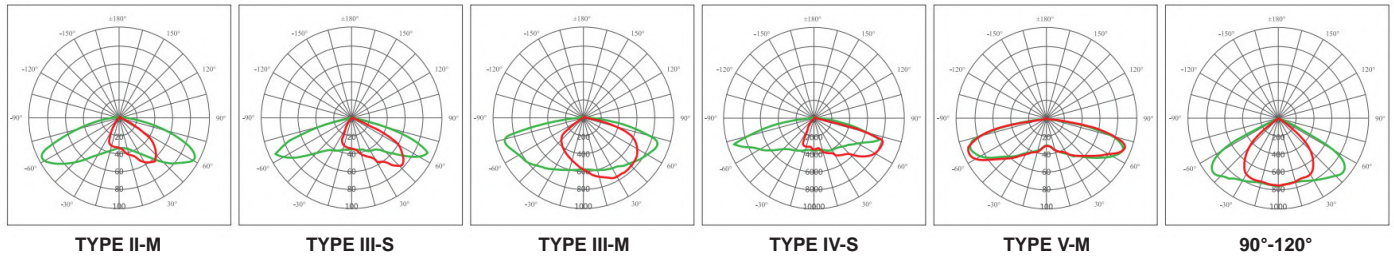
MOUNTING OPTIONS



MOUNTING OPTIONS (BULLHORN TYPE)



LED DISTRIBUTION TYPES



LED WATTAGE / LUMENS / FIXTURE DIMENSIONS		
LED WATTAGE	LUMENS	FIXTURE DIMENSIONS
LED80	11,200 Lumens	16.85" Length x 11.95" Width x 3.45" Height
LED100	14,000 Lumens	
LED150	21,000 Lumens	
LED185	25160 Lumens	
LED240	28,800 Lumens	23.42" Length x 11.95" Width x 3.62" Height

ORDERING GUIDE: Series Distribution Type LED Wattage CCT Voltage Finish Options

SERIES

TD2 = Tundra 2 Series

LED DISTRIBUTION TYPE

- TYPE II-M = Type II Medium Distribution
- TYPE III-S = Type III Short Distribution
- TYPE III-M = Type III Medium Distribution
- TYPE IV-S = Type IV Short Distribution
- TYPE IV-M = Type IV Medium Distribution
- TYPE V-M = Type V Medium Distribution
- 90-120D = 90°-120° Distribution

LED WATTAGE

Refer to Above Chart for Size / Wattage Compatibility
Photometric Data Available on Page 3-6
LED(xx) = LED (xx = Wattage, ex: LED100)

LED COLOR TEMPERATURE (CCT)

- 3K = ±3000K range
- 4K = ±4000K range
- 5K = ±5000K range
- 57K = ±5700K range
- 65K = ±6500K range

VOLTAGE

- 480 = 480 Volts
- EBU = Universal Volt (120-277v) Electronic Driver

FINISH

- BK = Black
- BZ = Bronze
- WH = White
- CC = Custom Color
(Consult Factory for Other Finishes)

OPTIONS[®]

- 9328 = Universal Photocell 120/277V — Twist-Lock Style
— NOT Compatible with Yoke Mount (YKM)
- 9329 = Universal Photocell 347/480V — Twist-Lock Style
— NOT Compatible with Yoke Mount (YKM)
- BL1 = Bi-Level Light (High/Low)
— Single AC Input Feed
— Switch Sensor Required
- BL2 = Bi-Level Light (High/Low)
- D7 = 0-10V low-voltage dimming
- D11 = DALI LED Dimming Driver - Consult Factory
- D14 = DMX Lighting Control - Consult Factory
- HSS = House Side Shield
- MSE1 = Motion Sensor External 1 (Microwave/Single Circuit)
— Steps: 0% - 100% - 0%
— Specify Finish: White (WH) / Bronze (BZ)
- MSE2 = Motion Sensor External 2 (Microwave/Single Circuit)
— Steps: xx% - 100% - xx%
— xx% = LOW Level and/or STANDBY Dim Levels:
Options: 50% / 30% / 20% / 10%
— Specify Finish: White (WH) / Bronze (BZ)
- SG = 10KA Surge Protection for LED
(meets ANSI spec C62.41.2)

MOUNTING OPTIONS

- Note: Consult Factory on Mounting Options Listed*
- BRKM = Adjustable Wall / Surface Mount Bracket
 - PBKM = Universal Pole Bracket Mount
 - OPAM = One Piece Die Cast Arm Mount
(Attaches Directly to Square Poles)
 - PARM = 90° Adjustable Pole Top / Tenon Adapter Mount
— Fits 2-3/8" Arm
Includes Hardware, Bronze Finish
 - 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
 - PT45 = Pole Top Tenon Adapter for 4" Diameter Poles
 - BHS2 = Bull Horn Straight 2-Tenon - 180°
 - BHS3 = Bull Horn Straight 3-Tenon - 180°
 - BHT3 = Bull Horn Tri 3-Tenon - 120°
 - BHQ4 = Bull Horn Quad 4-Tenon - 90°
 - BHS4 = Bull Horn Straight 4-Tenon - 180°

NOTES:

- 1 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.eclipse-lightinginc.com for Photometric IES Reports.
- Please note LEDs are constantly evolving and LPW are subject to change.

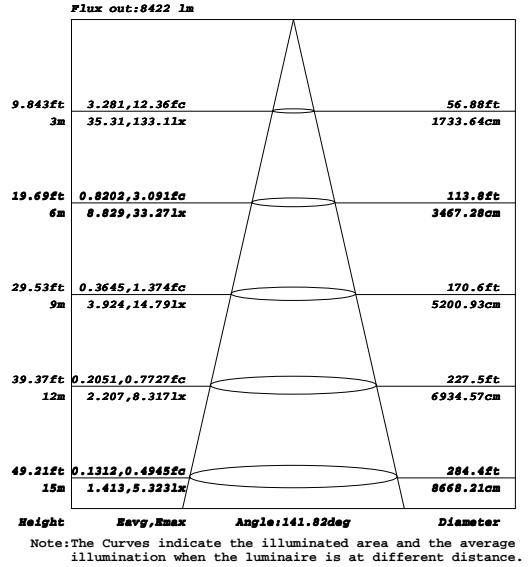
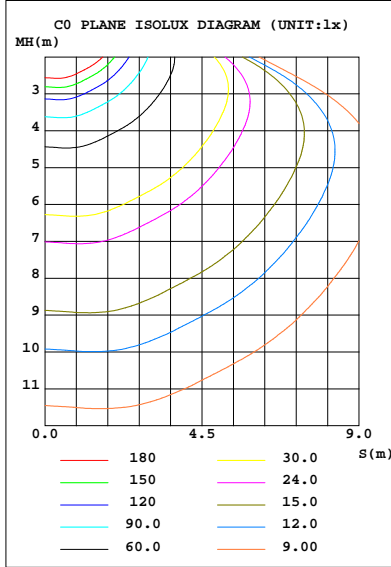
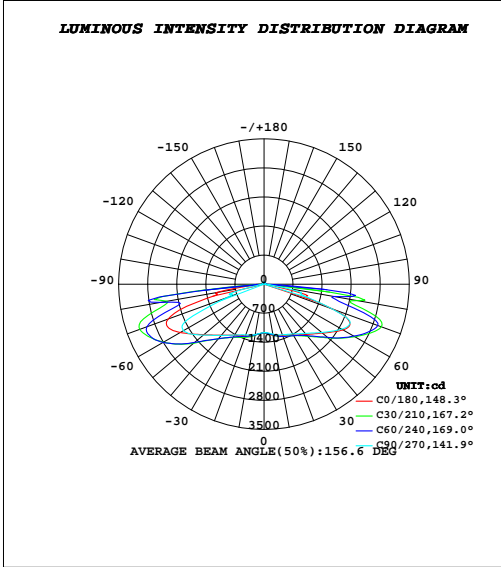
PHOTOMETRIC DATA

Test # TD2VM80W5KEBU

CATALOGUE #: TD2-VM-LED80-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
11500.2 Lumens	141.28 LPW	120.2V	0.3700A	81.40W	0.9850	8.000m	5000K	Type V-M



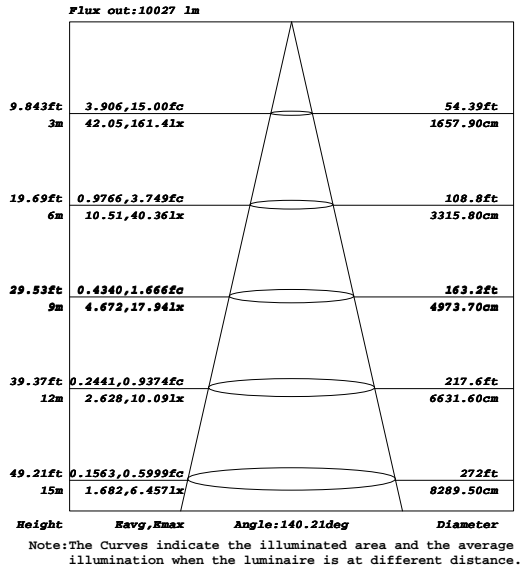
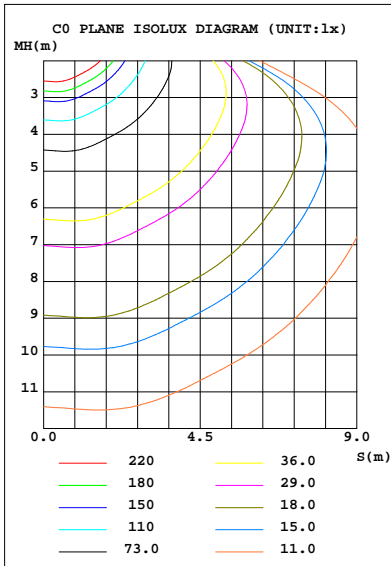
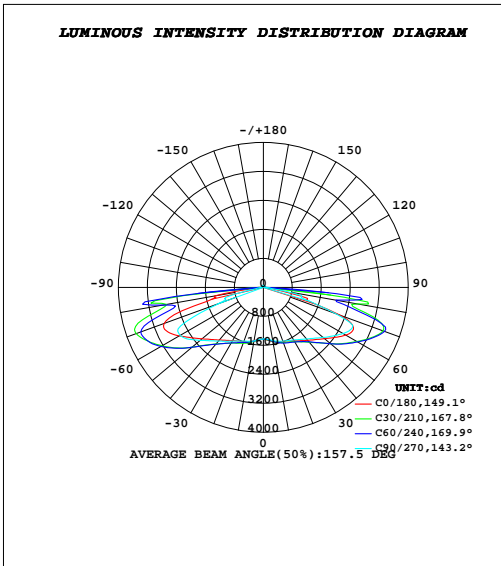
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Test # TD2VM100W5KEBU

CATALOGUE #: TD2-VM-LED100-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
13779.3 Lumens	141.91 LPW	120.2V	0.4580A	97.10W	0.9900	8.000m	5000K	Type V-M



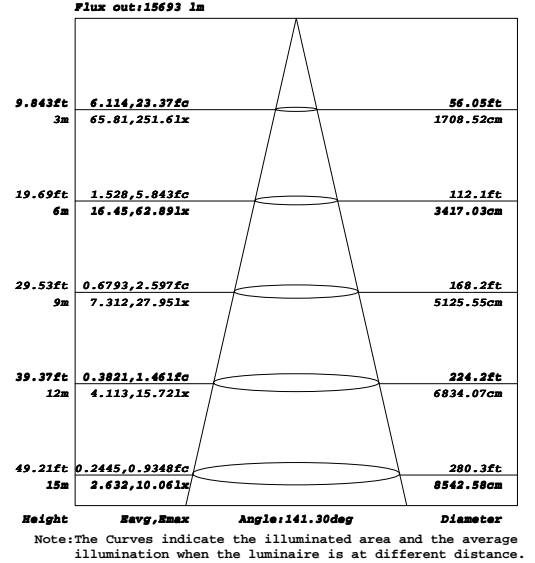
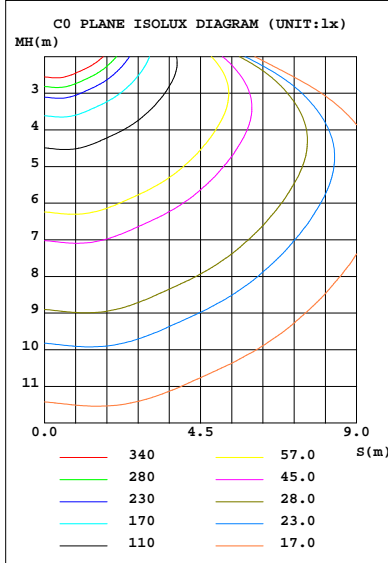
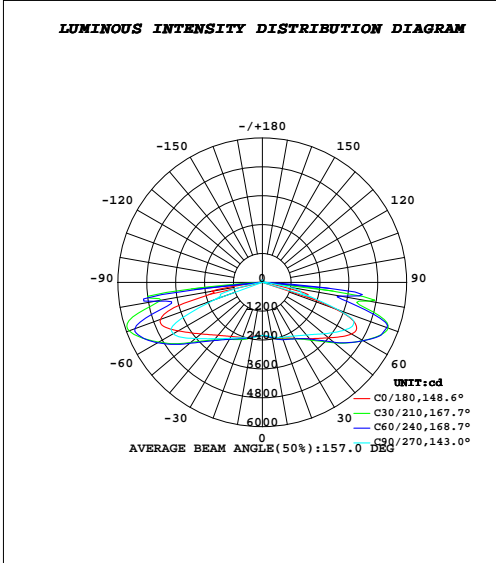
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Test # TD2VM150W5KEBU

CATALOGUE #: TD2-VM-LED150-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
21507.2 Lumens	141.59 LPW	120.2V	0.6970A	151.9W	0.9760	8.000m	5000K	Type V-M



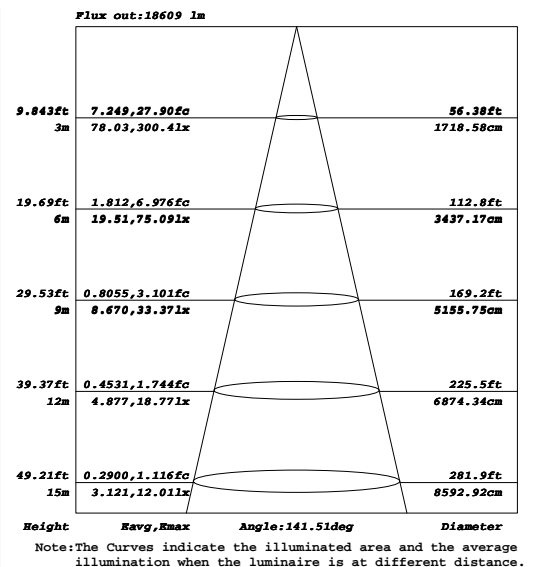
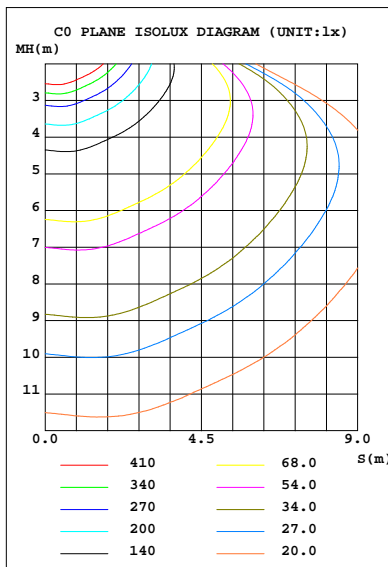
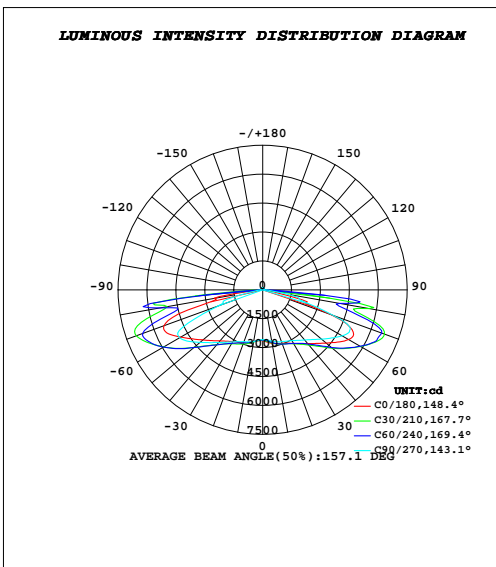
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Test # TD2VM180W5KEBU

CATALOGUE #: TD2-VM-LED180-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
25582.8 Lumens	141.81 LPW	120.1V	0.8620A	180.4W	0.9820	8.000m	5000K	Type V-M



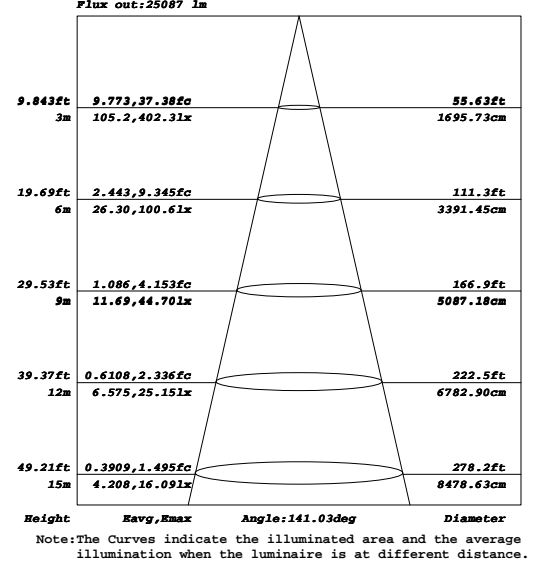
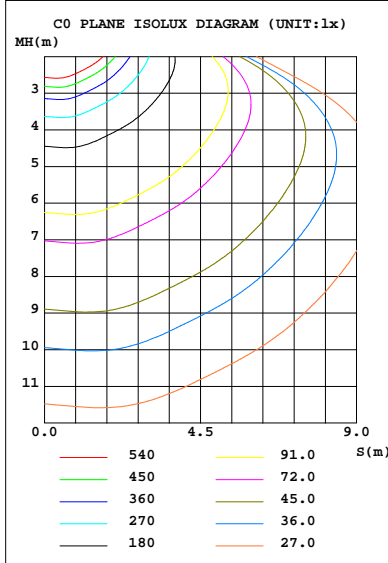
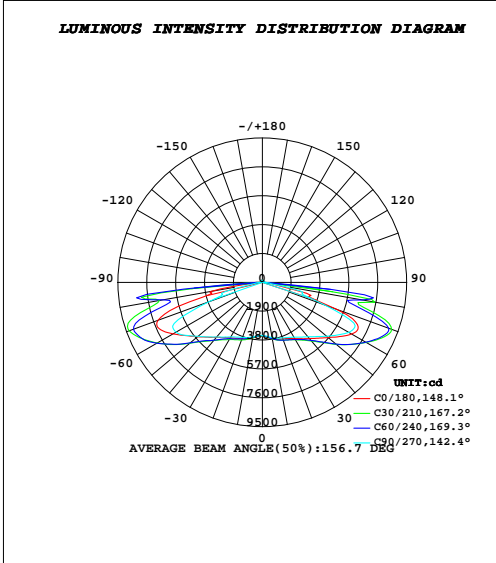
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Test # TD2VM240W5KEBU

CATALOGUE #: TD2-VM-LED240-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
34423.1 Lumens	141.72 LPW	120.1V	1.111A	242.9W	0.9830	8.000m	5000K	Type V-M



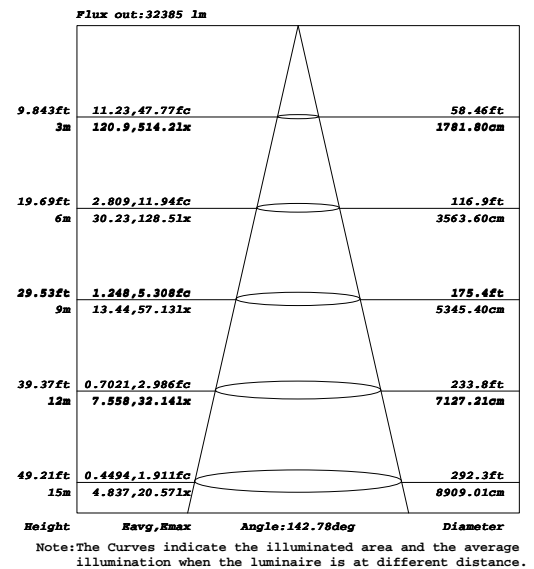
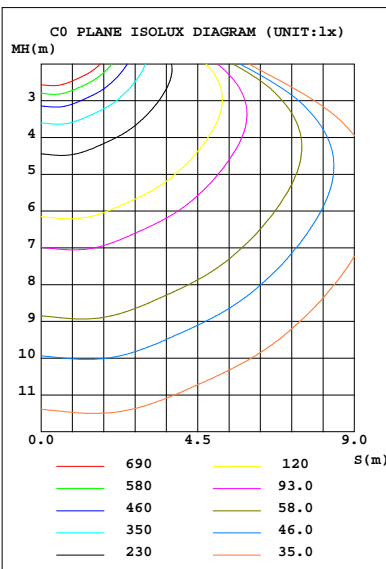
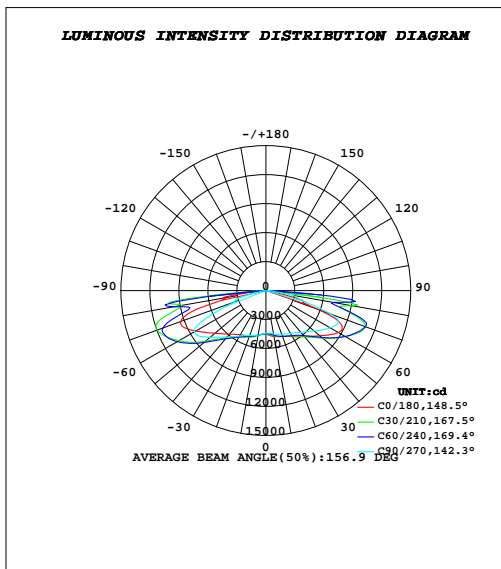
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Test # TD2VM300W5KEBU

CATALOGUE #: TD2-VM-LED300-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
43274 Lumens	142.44 LPW	120.1V	1.395A	303.8W	0.9820	8.000m	5000K	Type V-M



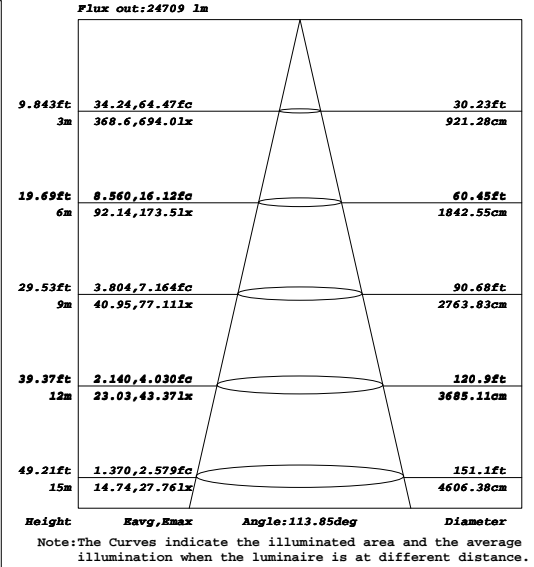
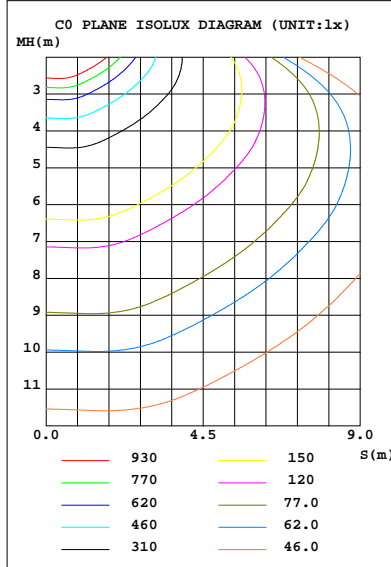
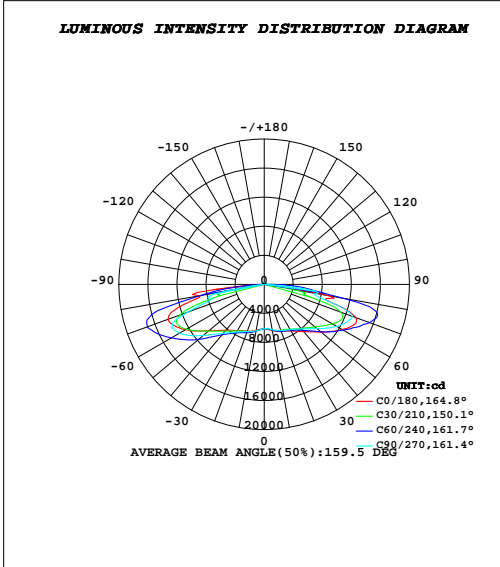
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Test # TD2VM400W5KEBU

CATALOGUE #: TD2-VM-LED400-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
56920.6 Lumens	141.45 LPW	120.0V	1.891A	402.4W	0.9760	8.000m	5000K	Type V-M



PHOTOMETRIC DATA

Test # TD2VM500W5KEBU

CATALOGUE #: TD2-VM-LED500-5K-EBU

Test Date: 5/21/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Test Distance	Color Temp	Distribution
70461.1 Lumens	142.46 LPW	120.9V	2.396A	498.1W	0.9850	8.000m	5000K	Type V-M

