THE PRK FROM VISIONAIRE LIGHTING UTILIZES THE LATEST IN EDGE-LIT TECHNOLOGY.

Providing a well-lit environment without the intensity often associated with LED fixtures. Ideal for parking garages, the lumen package ranges from 3,000 to 15,000, in a variety of optical distributions that include T1 for drive lanes, or T5LS for maximum spacing between fixtures.
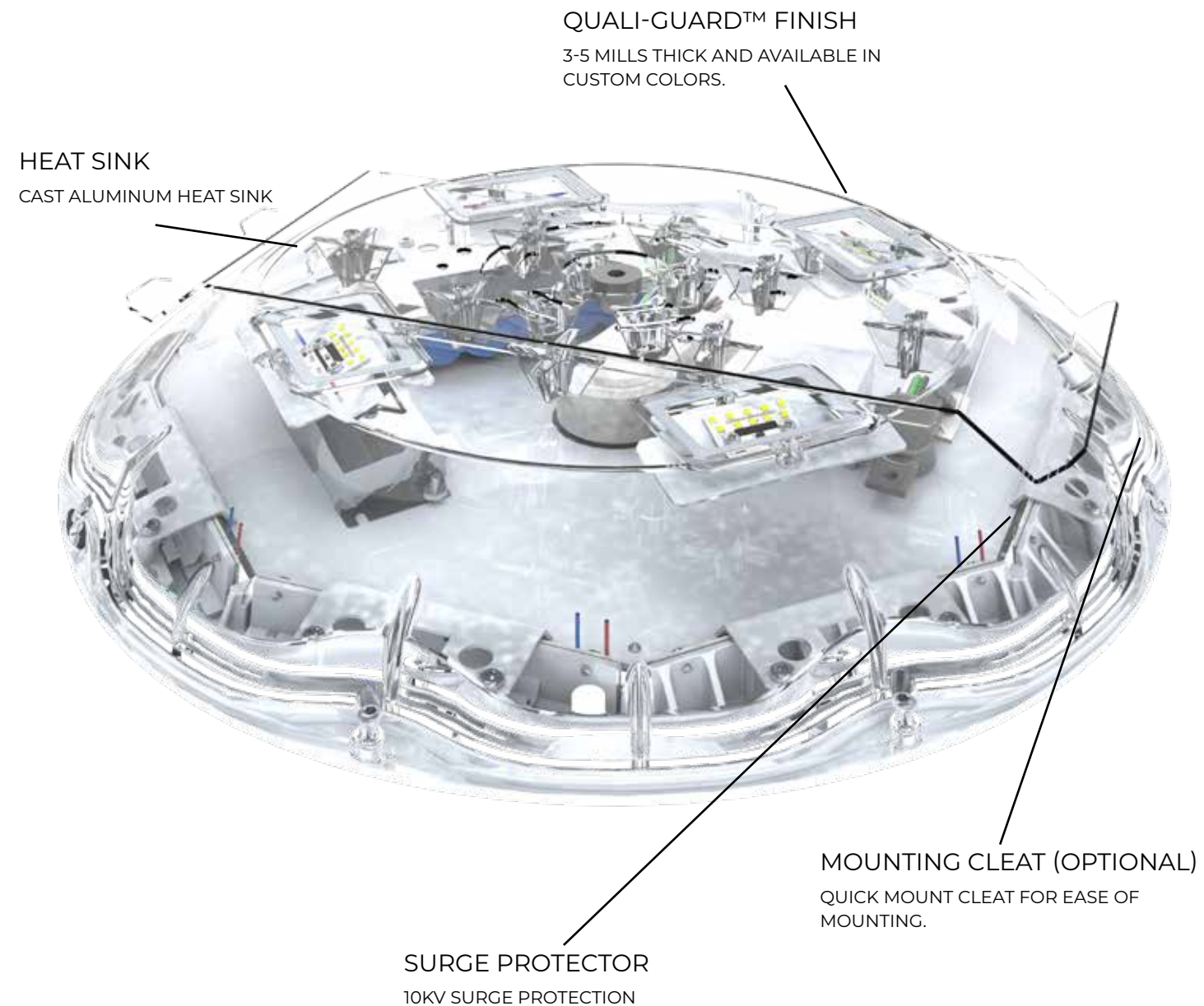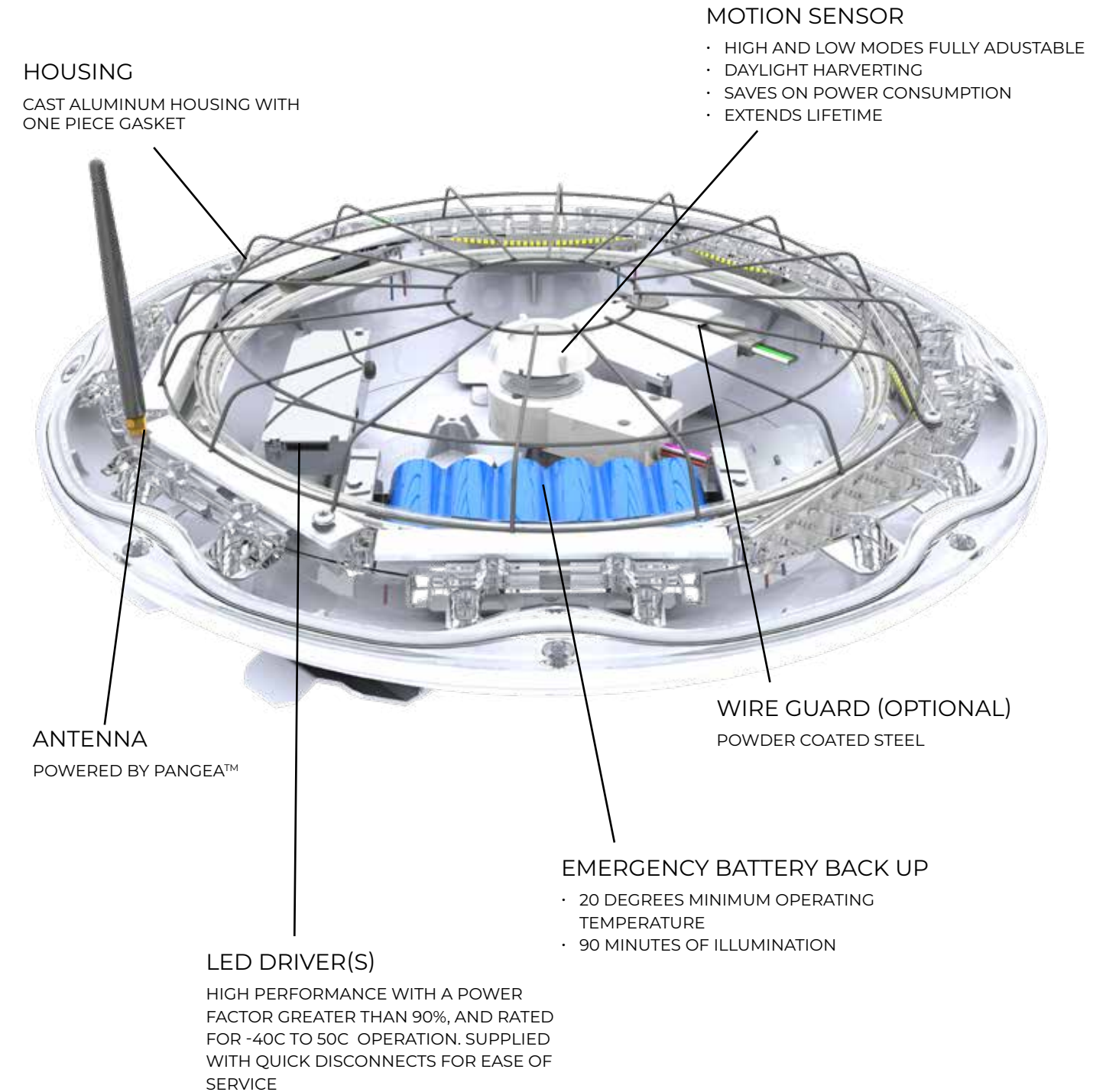
LIGHT GUIDE PANEL

- IP66 Rated
- L70 rated for over 100,000 at 25C
- CRI 70
- Full Cutoff Optics
- Available in 4 Different distribution patterns

QUALI-GUARD™ FINISH

3-5 MILLS THICK AND AVAILABLE IN CUSTOM COLORS.

HEAT SINK

CAST ALUMINUM HEAT SINK

MOUNTING CLEAT (OPTIONAL)

QUICK MOUNT CLEAT FOR EASE OF MOUNTING.

SURGE PROTECTOR

10KV SURGE PROTECTION

HOUSING

CAST ALUMINUM HOUSING WITH ONE PIECE GASKET

MOTION SENSOR

- HIGH AND LOW MODES FULLY ADUSTABLE
- DAYLIGHT HARVERTING
- SAVES ON POWER CONSUMPTION
- EXTENDS LIFETIME

ANTENNA

POWERED BY PANGEA™

WIRE GUARD (OPTIONAL)

POWDER COATED STEEL

EMERGENCY BATTERY BACK UP

- 20 DEGREES MINIMUM OPERATING TEMPERATURE
- 90 MINUTES OF ILLUMINATION

LED DRIVER(S)

HIGH PERFORMANCE WITH A POWER FACTOR GREATER THAN 90%, AND RATED FOR -40C TO 50C OPERATION. SUPPLIED WITH QUICK DISCONNECTS FOR EASE OF SERVICE

PRK utilizes an edge-lit light guide panel for maximum visual comfort and optical performance. PRK offers an optional Up-Light, to reduce the 'cave effect' that can occur in spaces with different ceiling configurations.

OPTIONAL UP-LIGHT
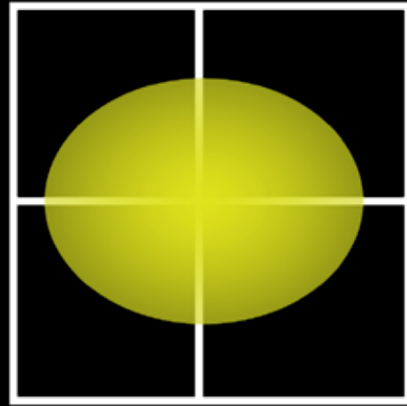TO REDUCE THE 'CAVE EFFECT'
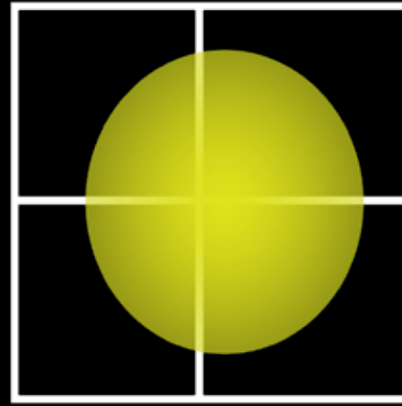
STANDARD DOWNLIGHT

OPTIONAL UP-LIGHT
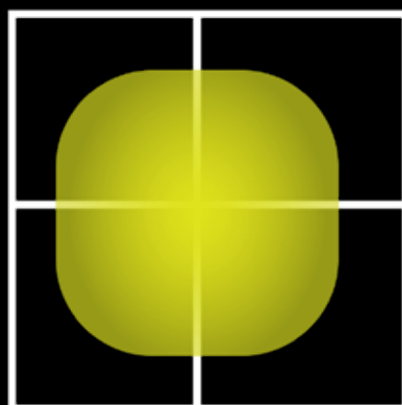
T1 - TYPE 1
SYMMETRICAL DRIVE LANE

T3L - TYPE 3
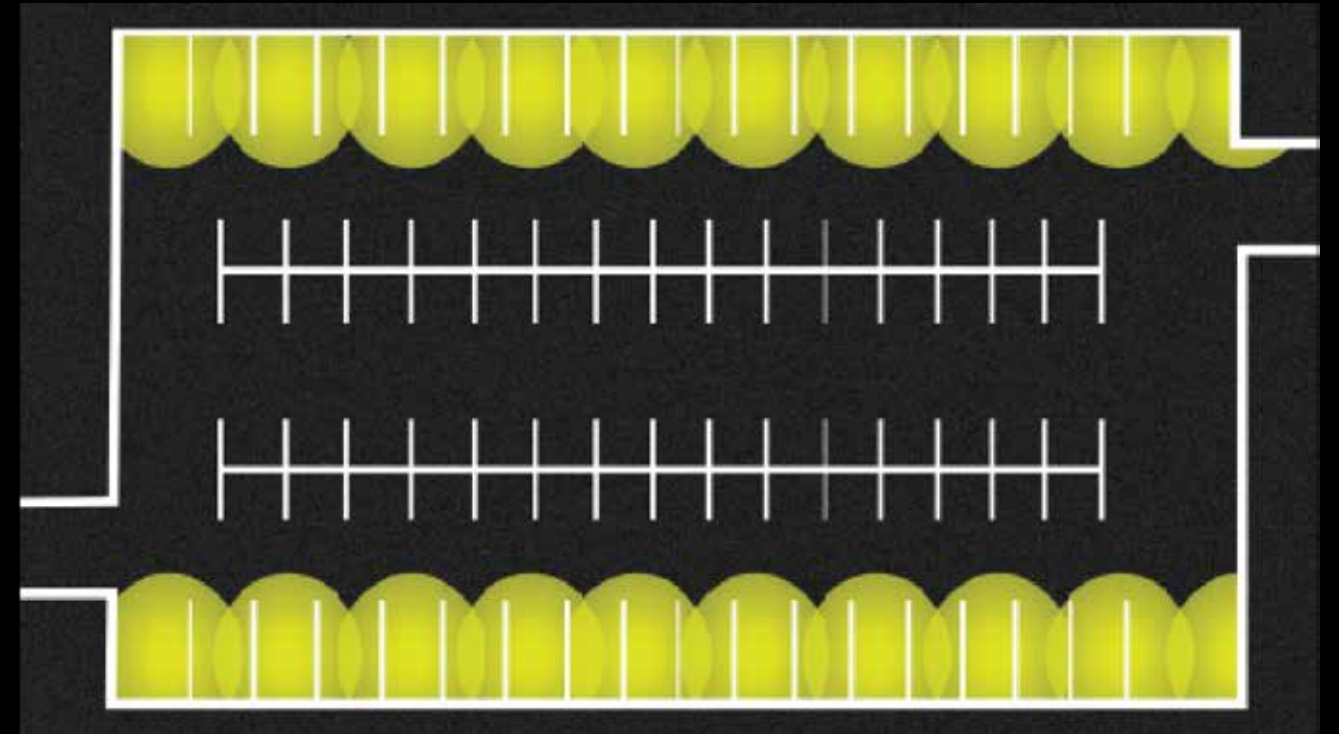ASYMMETRICAL PERIMETER

T5LR - TYPE 5
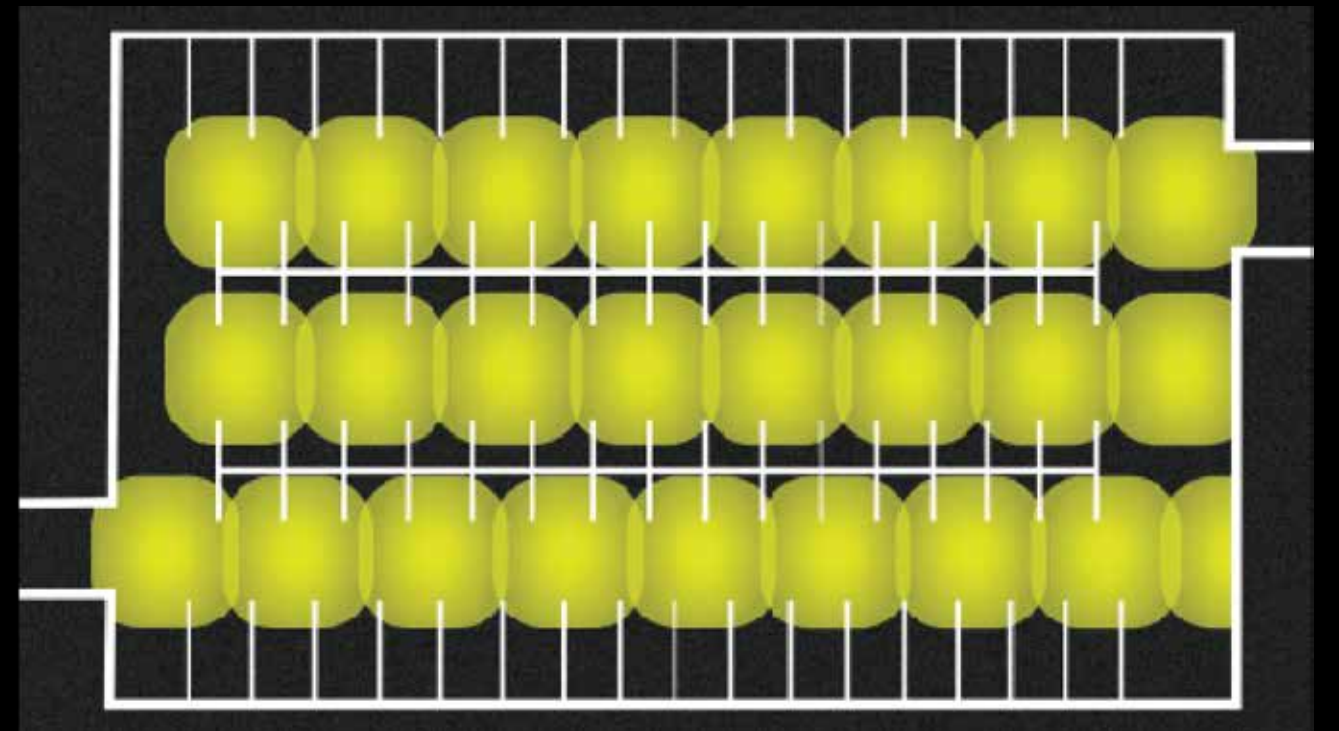SYMMETRICAL CONCENTRATE

T5LS - TYPE 5
SYMMETRICAL WIDE

ASYMMETRICAL DISTRIBUTION

SYMMETRICAL DISTRIBUTION

PRK BRINGS BRIGHTNESS AND SAFETY WITHOUT GLARE OR VISUAL DISCOMFORT.

The PRK offers both symmetrical, and asymmetrical distributions allowing effective and uniform lighting across drive lanes, and open spaces.

All finishes are available in standard and custom colors and are guaranteed for five (5) years.

7 STEP POWDER COAT

1. **SHOT BLASTED**
   USING ABRASIVE, TURBINE EJECTED AT 3600 RPM TO CLEAN THE SURFACE

2. **SANDING & CLEANING**
   TO ELIMINATE ANY SHOT BLAST RESIDUE

3. **CHEMINCAL PRETREATMENT**
   SEALANT APPLIED WHICH ENABLES THE ADHESION OF PAINT

4. **DRYING**
   TO ELIMINATE ANY WATER

5. **PAINT APPLICATION**
   QUALI-GUARD TEXTURED, ELECTROSATICALLY APPLIED

6. **CURED**
   FINISH IS OVEN-BAKED AT 400° F TO PROMOTE MAXIMUM ADHERENCE AND FINISH HARDNESS

7. **INSPECTED & PACKAGED**
   FOR A MINIMUM THICKNESS OF 3-5 MILLIMETERS WRAPPED FOR PROTECTION WHILE IN TRANSIT TO THE JOB SITE

BK - BLACK

SBK - SMOOTH BLACK

BZ - BRONZE

GP - GRAPHITE

GY - GREY

SL - SILVER METALLIC

WH - WHITE

SWH - SMOOTH WHITE

FG - FOREST GREEN

VD - VERDIGRIS GREEN

CC - CUSTOM COLOR

CC- CUSTOM COLOR

CC- CUSTOM COLOR

We offer internal wireless controller options. When paired with our wireless gateway, you can turn any outdoor lighting project into a dynamic connected lighting solution that is easily accessed with our proprietary software via the cloud. Whether it's a commercial parking lot, parking garage, large campus or miles of city highways and downtown cityscapes... no project is too big or too small.

WE OFFER WIRELESS MESH NETWORK LIGHTING CONTROLS THROUGH PANGEA SOFTWARE.

SCHEDULING, ZONES & EVENTS
Simple creation of time and schedule based profiles, group luminaires for zonal control, create special event profiles.

CONTROLS ON | OFF | DIM
Easily configure your lighting and dimming profiles to maximize energy savigs for your project.

OCCUPANCY SENSING
With our fixture's integrated motion sensor options, easily provide a safety override to your time based schedules.

ENERGY MONITORING
Our revenue grade energy monitoring helps to provide accurate reporting to make informed system decisions on energy consumption.

DAYLIGHT HARVESTING
Utilize our garage or high & low bay daylight harvesting features to dim or turn off lights when artificial light isn't needed.

MAINTENANCE & ALERTS
Real time maintenance features and system alerts are pushed via text or e-mail so you always know the health of your system, while helping improve service efficiency.

ANALYTICS & REPORTING
Utilize our analytics & reporting functions to create standard recurring reports or run custom reports whenever necessary.

ASSET MANAGEMENT
All-inclusive asset management features lets you know exactly how many fixtures you have, the exact luminaire details and exactly where they are installed.

Project Name:

Catalog Number:

Type:

The PRK LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines the latest LED edge-lit technology, advanced LED thermal management and provides canopy lighting that is both energy efficient and aesthetically pleasing.

The PRK housing is die-cast aluminum with internal heat sinks for maximum heat dissipation.

The PRK LED fixture offered with lumen packages between 3,000 - 15,000. Four different optical distribution patterns are available. Choose between 3K, 4K, or 5K Kelvin temperature of the LEDs.

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The PRK series is an exceptional choice for parking garage lighting and other ceiling mount application.

Ordering Information

MODEL	OPTICS	WATTAGE	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS	OPTIONS
PRK	**T1** Type 1 25W-95W	**25W**	**3K** 3000K	**UNV** 120-277V	**LPM** Low Profile Mount Ceiling Mount No conduit feed.	**BZ** Bronze	**UPL** Up-light 800 lumens	**DIM** 0-10v Dimming Driver
		35W		**5** 480V		**BK** Black		**EBPL** 20W Emergency Battery Pack 120V-277V Only
	T3L Type 3 Long 25W-85W	**45W**	**4K** 4000K	**8** 347V	**CM** Ceiling Mount 1/2" & 3/4" Knockouts	**WG** Wire Guard		
		55W	**5K** 5000K			**SBK** Smooth Black	**WLG** Wild Life Guard *Pendamr Mount Only	
	T5LR Type 5 Long Round 25W-115W	**65W**			**TM** Trunion Mount	**WH** White		**CLD-EBPL** 20W Cold Weather Emergency Battery Pack Rated for -20°C
		75W			**PM12** Pendant Mount 12" *30" Leads	**SWH** Smooth White	**WSC-8** Dimmable Motion Sensor 8' Mounting Height	
	T5LS Type 5 Long Square 25W-65W	**85W**				**GP** Graphite		**UL924** UL 942 Relay for Emergency Circuit
		95W			**PM24** Pendant Mount 24" *42" Leads	**GY** Grey	**WSC-20** Dimmable Motion Sensor 9-20' Mounting Height	
		105W				**SL** Silver Metallic		**10kV** 10kV Surge Protector
		115W			**PM36** Pendant Mount 36" *54" Leads	**CC** Custom Color	**WSC-40** Dimmable Motion Sensor 21-40' Mounting Height *WSC options will require (1) FSIR 100 remote for programing	**20kV** 20kV Surge Protector
								VWC Visionaire Wireless Controls *Consult Factory
								TPH Tamper Proof Hardware

VISIONAIRE LIGHTING

Housing
Die-Cast aluminum LED housing with integral cooling fins for thermal management. Silicone gasket is used for weather tight operation.

Mounting
A Low Profile, hinged, ceiling mount bracket, can be secured directly to a 4" or 5" recessed junction box, or to the ceiling.
A Ceiling Mount bracket with 1/2" and 3/4" knockouts is also available for surface conduit mounting.
The ceiling hangar bracket on both versions allows the fixture to be suspended while making the wiring connections. The housing bracket then attaches to the ceiling bracket via a tamper-proof screw.
3/8" NPT stem and canopy supplied for pendant mount applications.

Thermal Management
The PRK series provides excellent thermal management by mounting the LEDs to the substantial heat sink within the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.

Optical System
The hightest lumen output LED are utilized. High-performance acrylic optics feature industry leading Type I, III, and V optical distributions. Light Guide Panel is impact-resistant and rated to 94 percent translucence.
L70 life of our LEDs is rated over 100,000 hours, The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.
CRI values are 70.

Quali-Guard® Finish
The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400º F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
Finish is guaranteed for five (5) years.

Electrical Assembly
The PRK LED series accepts 120v thru 480v, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -40°C operations.
6 kV surge protector supplied as standard.

Warranty
· Five (5) year Limited Warranty on electrical components, Five (5) year on finish. For full warranty information, please visit visionairelighting.com.

Options
Watt Stopper FSP-211 Motion Sensor (Title 24 Compliant)
Dimming Driver
Emergency Battery Pack
Cold Weather Emergency Battery Pack (Rated for -20°C)
UL 924 Relay
20kV Surge Protector
Wireless Controls

Listings
· PRK is UL PENDING
· IP66 Rated
· Powder Coated Tough

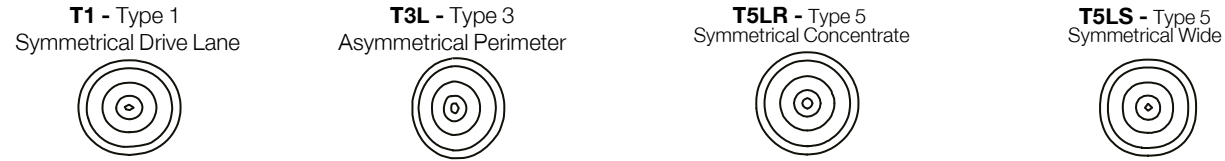POWER COATED TOUGH   ANSI   c UL us L8TFB   IP66 RATED   IDA   DLC

DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. http://www.designlights.org/
3000K must be selected for IDA certification.

Motion Sensor Default Setting									
FSP - 211	**High Mode**	**Low Mode**	**Time Delay**	**Cut Off Delay**	**Sensitivity**	**Hold Off Setpoint**	**Photocell On/Off**	**Ramp Up Time**	**Fade Down Time**
WSC - Default	10V	1V	5 Minutes	1 Hour	Max	Disabled	Disabled	Disabled	Disabled
WSC Range	0-10V	0-9.8V	5-30 Minutes	1-5 Hours	Low, Med, Max	1-250FC	1-250FC	1-60 Dec	1-60 Dec

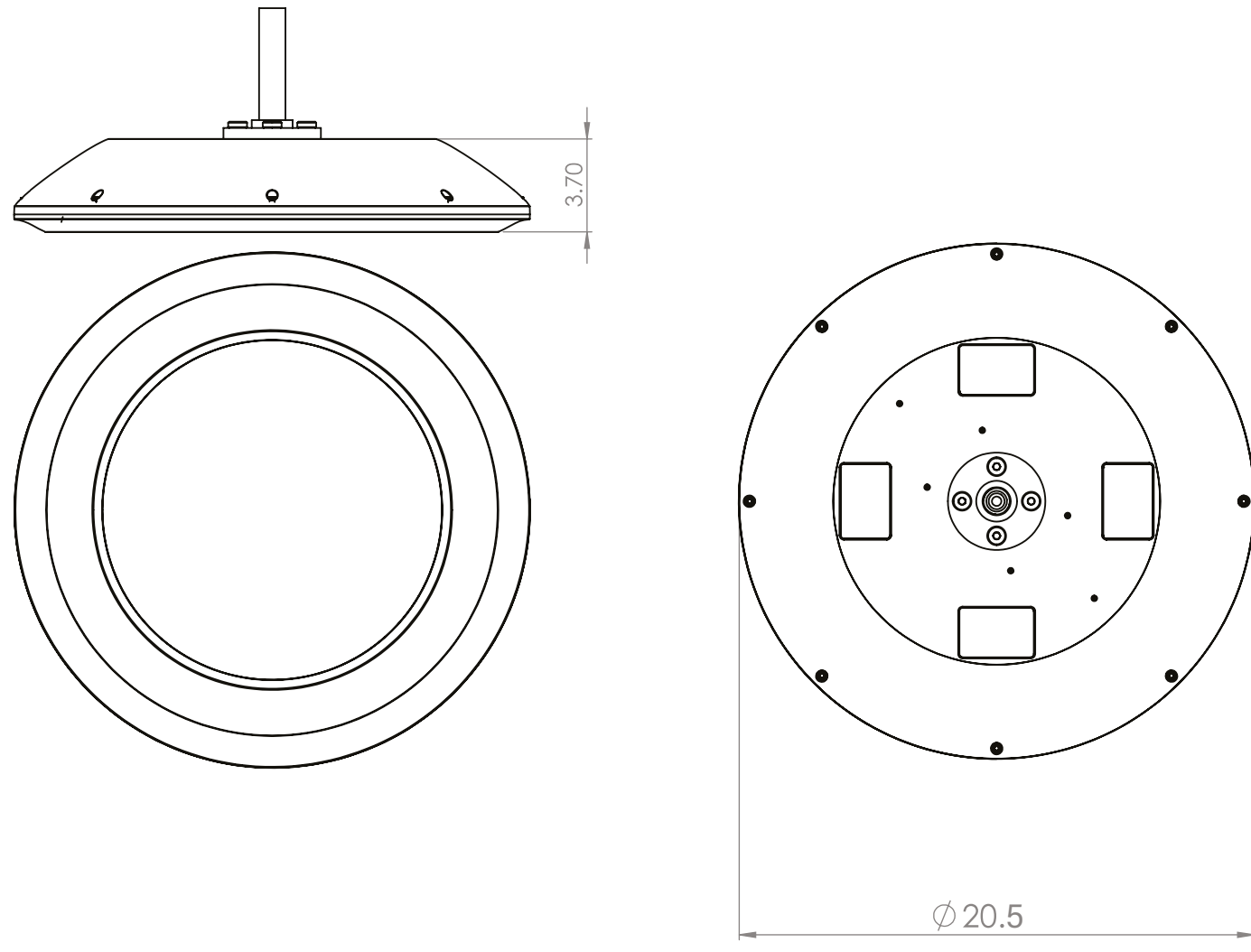*Settings can be field modified with the FSIR-100 Programming remote

Photometric Optical Summary

T1 - Type 1
Symmetrical Drive Lane

T3L - Type 3
Asymmetrical Perimeter

T5LR - Type 5
Symmetrical Concentrate

T5LS - Type 5
Symmetrical Wide

Dimensions

Width:	PRK-1 20.5"
Height:	PRK -1 3.7"
Weight:	20 LBS

3.70

⌀ 20.5

PRK 3K Lumen Chart							
Wattage	T1	LPW	T3L	LPW	T5LR	LPW	T5LS	LPW
25	3164	127	3164	127	3207	128	3164	127
35	4434	127	4434	127	4564	130	4434	127
45	5626	125	5626	125	5866	130	5626	125
55	6731	122	6731	122	7130	130	6731	122
65	7650	118	7650	118	8338	128	7650	118
75	8979	120	8615	115	9470	126		
85	10007	118	9549	112	10572	124		
95	10942	115			11597	122		
105					13969	133		
115					14995	130		

PRK 4K Lumen Chart							
Wattage	T1	LPW	T3L	LPW	T5LR	LPW	T5LS	LPW
25	3257	130	3257	130	3207	128	3257	130
35	4564	130	4564	130	4564	130	4564	130
45	5791	129	5791	129	5866	130	5791	129
55	6929	126	6929	126	7130	130	6929	126
65	7875	121	7875	121	8338	128	7875	121
75	9243	123	8868	118	9470	126		
85	10302	121	9830	116	10572	124		
95	11264	119			11597	122		
105					13969	133		
115					14995	130		

PRK 5K Lumen Chart							
Wattage	T1	LPW	T3L	LPW	T5LR	LPW	T5LS	LPW
25	3351	134	3351	134	3395	136	3351	134
35	4694	134	4694	134	4832	138	4694	134
45	5957	132	5957	132	6211	138	5957	132
55	7127	130	7127	130	7549	137	7127	130
65	8100	125	8100	125	8829	136	8100	125
75	9507	127	9122	122	10027	134		
85	10596	125	10111	119	11194	132		
95	11586	122			12279	129		
105					14791	141		
115					15877	138		

PRK LED Specifications
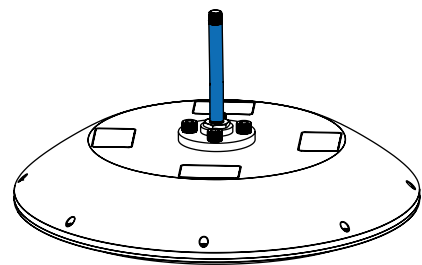
PRK LED Mounting and Options
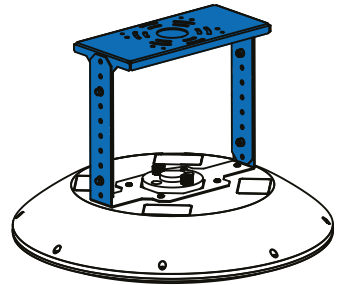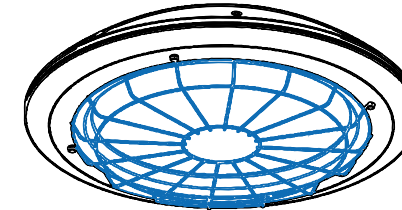
Trunnion Mount
Standard and
Tampered Screws
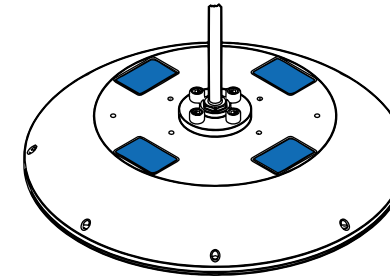
Pendant Mount
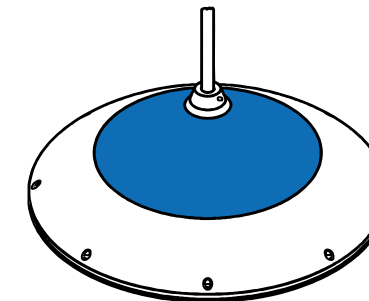3/8 and 3/4" NPT Pipe
12, 24 & 36" Length
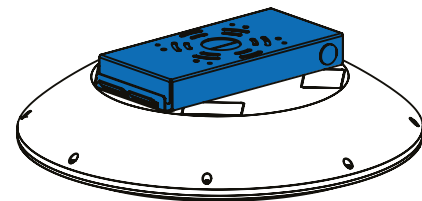
Ceiling Mount
Standard and Tampered
Screws

Low Profile Mount
Standard and Tampered
Screws

UPL
Up-light 800 lumens

WG
Wire Guard

WLG
Wild Life Guard
*Pendant Mount Only
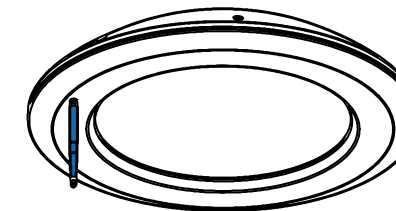
VWC
Visionaire
Wireless Controls
*Consult Factory
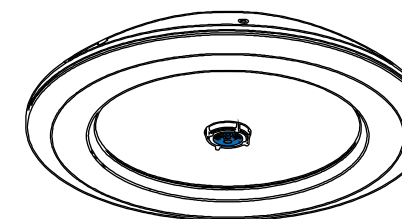
WSC-8
Dimmable Motion Sensor 8' Mounting Height
WSC-20
Dimmable Motion Sensor 9-20' Mounting Height
WSC-40
Dimmable Motion Sensor 21-40' Mounting Height

*WSC options
will require
(1) FSIR 100
remote for
programing

![VISIONAIRE LIGHTING]