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Planning Commission Staff Report

Project Type:	Amended Site Development Section Plan
Meeting Date:	December 9, 2019
From:	Mike Knight, Assistant City Planner JmK
Location:	A 7.3 acre tract of land located northeast of the intersection of Wild Horse Creek Road and Old Chesterfield Road.
Description:	Downtown Chesterfield Category C, Lot A (WILDHORSE) ASDSP: An Amended Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for a 7.3 acre tract of land located northeast of the intersection of Wild Horse Creek Road and Old Chesterfield Road.

PROPOSAL SUMMARY

This request is to allow for an amendment to an approved Site Development Section Plan consisting of a mixed-use building containing residential units, community retail, and a two story restaurant. The proposed facility is four to five stories in height, depending on elevation, and contains a parking garage positioned under the building. The building will be located in what is known as Lot A within "Category C" of Downtown Chesterfield. The subject site is zoned "PC&R" Planned Commercial and Residence District and governed under the terms and conditions of City of Chesterfield Ordinance 3023. The materials range from thin brick, EIFS, cultured stone, ribbed fiber cement, and ribbed metal panel. The primary changes to the site within this request include updates to the parking garage, trash enclosure, round-about feature and updates to the north façade including 15 additional residential units.

On Thursday November 14, 2019 the project was reviewed by the Architectural Review Board. At that time the Board made a motion to forward the Amended Site Development Section Plan to Planning Commission with a recommendation to approve with conditions. The applicant has since fulfilled those conditions, staff has no remaining comments, and the project is being forwarded to Planning Commission for review.

HISTORY OF SUBJECT SITE

On March 19th, 2008 the City of Chesterfield City Council approved Ordinance 2449. This ordinance created one PC&R district that defined specific development criteria into three specific categories. The three categories were labeled in Ordinance 2449 as Category A, Category B, and Category C. Each category is defined by location, having specific category standards, and with a specific streetscape. On February 21st, 2018, the City of Chesterfield approved Ordinance 2990. This ordinance solely amended the legal description of the entire 99 acre PC&R district. Governing Ordinance 3023 was approved November of 2018 allowing for independent concept plans for Category C. On February 20th, 2019 the City of Chesterfield City Council approved the Site Development Section Plan for Downtown Chesterfield Category C Lot A by a vote of 8-0. This request is an amendment to the approved Site Development Section Plan for Lot A.

STAFF ANALYSIS

There are four primary changes on Lot A between the currently approved Site Development Section Plan and the submitted Amended Site Development Section Plan. These changes include updates to the parking garage, trash enclosure, round-about and updates to the north façade including 15 additional residential units. There are minimal changes to the site design and no changes to the building footprint.



Figure 1: Color Site Plan

A. Parking Garage

Parking areas are distributed throughout the site around the building and through a parking garage under the building. The required parking for the site in accordance to the City's Unified Development Code is 455 spaces. The current site plan has 230 surface parking spaces and 219 garage parking spaces totaling 449 spaces, which does not meet the minimum parking standards for the site. Although it does not meet the requirements for the site, the governing ordinance dictates that required parking is calculated globally throughout Category C (22 acres) and not calculated on an

individual lot basis. When combining the required parking for both Lots A and B of Category C, the sites both meet the minimum parking requirements per the governing ordinance.

The primary difference between the currently approved parking garage and the proposed is the number of access points. The approved elevation has an entry/exit on both the south and west elevations where the proposed building has one entry/exit solely on the south elevation. The area on the proposed western elevation that previously was a door is now stone, brick veneer, and window units. Although the primary changes are to the updated garage, also seen on the western elevation is a reorganization of the balconies across the façade and updates to the window units.

B. Trash Enclosure

The footprint of the trash enclosure is largely the same. There are two main differences being proposed. The first is an additional metal panel on the top of the structure that is a similar feature to the metal panel located above the restaurant. The second is that the overall height of the enclosure is larger. The currently approved trash enclosure is 6' tall, while the new enclosure is roughly 14' tall including the metal feature depending on the grade change.

C. Round-About Feature

The internal drive to the site serves both Lots A and B. The approved plans depict a water feature in the center of the round-about. The applicant has since changed the plans and is requesting a landscape feature with a piece of art (sculpture) in the center of the round-about. The specific landscape palette has been updated to account for the additional plantings within the circular area.

D. North Façade with Additional Residential Units

The approved Site Development Section Plan contains 173 multi-family units. The applicant is proposing 188 multi-family units. The overall height of the building will not increase. The additional units will all be added on the north elevation. The windows have been adjusted on the north façade to increase the function of the windows and the brick color has also been amended on the north façade at two elements on the highway-facing side of the building to introduce a lighter color value to that frontage.

SUMMARY

The applicant is requesting an amendment to the approved Site Development Section Plan for Downtown Chesterfield Category C Lot A. The site has primary views from 2 major arterial roads (I-64 and Wild Horse Creek Road) in accordance to the City's street classification map. The primary changes within this request include updates to the parking garage, trash enclosure, round-about feature and updates to the north façade including the 15 additional residential units. The site will function the same with minimal changes to the site design. Figures 2 and 3 are updated renderings from both primary viewpoints.

Downtown Chesterfield Category C (WILDHORSE) Amended Site Development Section Plan



Figure 2: Aerial View Heading Northwest on Wild Horse Creek Road



Figure 3: View Heading Southeast on I-64

DEPARTMENT INPUT

Staff has reviewed the submittal and has found the application to be in conformance with the City of Chesterfield Unified Development Code and Ordinance 3023. Staff recommends approval of the Amended Site Development Section Plan for the Downtown Chesterfield (Category C) development.

MOTION

The following options are provided to the Planning Commission for consideration relative to this application:

1) "I move to approve (or deny) the Amended Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for the Downtown Chesterfield (Category C) Lot A, WILDHORSE development." "I move to approve the Amended Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for the Downtown Chesterfield (Category C) Lot A, WILDHORSE development with the following conditions..." (Conditions may be added, eliminated, altered or modified)

Attachments

- 1. Amended Site Development Section Plan
- 2. Landscape Plan
- 3. Lighting Plan
- 4. Architectural Elevations
- 5. Architects Statement of Design





DT A	LOT B	CURRENT PC&R	PC&R MAXIMUM
,275	81,254	23,500	1,700,000
88	0	0	1,000





<u>DRIVER'S EYE HEIGHT</u> (PR. GRADE + 3.5')	540
<u>PR. GRADE</u> <u>ELEV. = 536.25</u>	535 530

	APPROACHING VEHICLE (EX. GRADE + 3.5')	—555
		—550
/	 	—545
EX. GRADE		—540
		—535
		—530



















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rate	Fast	< 6"	6 - 18"	18 - 36"	> 3'	< 18"	3 - 6'	6 - 10'	10 - 15'	> 15'	< 15'	15 - 25'	25 - 40'	40 - 65'	> 65'
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rate	Fast	< 6"	6 - 18"	18 - 36"	> 3'	< 18"	3 - 6'	6 - 10'	10 - 15'	> 15'	< 15'	15 - 25'	25 - 40'	40 - 65'	> 65'
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rate	Fast	< 6"	6 - 18"	18 - 36"	> 3'	< 18"	3 - 6'	6 - 10'	10 - 15'	> 15'	< 15'	15 - 25'	25 - 40'	40 - 65'	> 65'

	REVISIONS	BY
	10/11/18	RWM
	10/26/18 12/17/18	RWM RWM
	/4/ 9	RWM
	8/24/19	RWM
	9/25/19 10/3/19	RWM
	11/27/19	RWM
	S H S S H S S S S S S S S S S S S S S S	(636) 928-1250 Fax: (636) 928-4563 poration #2008008782
	B C H N O L	Jacobs Creek Drive Charles, Missouri 63304 Landscape Architectural Cor
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PITE OF MILLER	MANDALL W. HE MANDALS W. MARDIS NUMIBER 019 019 019	NET LANDSCAPE ARCHITECT #000019 : 11/27/19
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	OF THREE SH	EETS

of 12 months after acceptance. 2.) Contractor shall ensure that only competent and trained personnel shall

3

manner.

until project turnover.

SIGHT TRIANGLES:

- adjacent street or paving surfaces.
- form the sight triangle area.

TOPSOIL:

- 1.) Topsoil mix for all proposed landscape plantings shall be five (5) parts well-drained screened organic topsoil to one (1) part topsoil mix to ā depth of 6" minimum and grade smooth.
- soil-testing agency outlining the % of organic matter, inorganic matter, deletérious material, pH and minéral content. 3.) Any foreign topsoil used shall be free of roots, stumps, weeds, brush, stones (larger than I"), litter or any other extraneous or toxic material. Landscape contractor shall be fully responsible
- for correcting all negative soil issues prior to plant installation. landscape contractor as part of this task. 4.) Landscape contractor to apply pre-emergent herbicide to all
- planting beds upon completion of planting operations and before application of shredded bark mulch. 5.) Install siltation controls prior to commencement of any grading
- operations. Inspect and maintain all siltation fences on a weekly basis until vegetation is established. MISC. MATERIAL:
- 1.) Provide stakes and deadmen of sound, new hardwood, free of knotholes and defects.
- 2.) Tree wrap tape shall be 4" minimum, designed to prevent borer damage and winter freezing. Additionally, only 3-ply tying material shall Бе used.

TURF:

- 1) All disturbed lawn areas to be seeded with a mixture of Turf-Type fescue (300# per acre) and bluegrass (18# per acre). Lawn areas shall be unconditionally warranted for a period of 90 days from date of final acceptance. Bare areas more than one square foot per any 50 square feet shall be replaced.
- 2.) Seed and fertilization operations shall occur between May I 3.) Granular or pelleted fertilizer consisting of 50% water-insoluble
- composition. 4.) The turf contractor shall be responsible for protection of finished owners' approval prior to seeding or sod installation.
- 5) Landscape contractor shall offer an alternate price for sod in lieu of seed. Sod shall be cut at a uniform thickness of 3/4" 6) Any points carrying concentrated water loads and all slopes of
- 15% or greater shall be sodded. 7.) All sod shall be placed a maximum of 24 hours after harvesting. 8.) Recondition existing lawn areas damaged by Contractor's operations
- including equipment/material storage and movement of vehicles.

9.) Sod Contractor to ensure sod is placed below sidewalk and all paved area elevations to allow for proper drainage. WARRANTY:

- 1.) All plant material (excluding ground cover, perennials and annuals) of all landscape material at 100% of the installed price.
- that plant.
- 3.) Only one replacement per tree or shrub shall be required at the end of the warranty period, unless loss is due to failure to comply with the warranty.
- 4.) Lawn establishment period will be in effect once the lawn has been mowed three times. Plant establishment period shall commence on the date of acceptance and 100% completion.
- 5.) A written quarantee shall be provided to the owner per conditions outlined in #1 above.

1.) Landscape Contractor shall provide a separate proposal to maintain all plants, shrubs, groundcover, perennials and annuals for a period

provide such services and that such services be provided in a timely

3.) Watering of seeded or sodded lawns shall begin immediately and shall continue to be provided continuously for the following 72 hours. Regardless, the landscape contractor shall be resposible for all landscape maintenance

1.) No landscape material or other obstructions shall be placed or be maintained within the sight distance area so as not to impede the vision between a height of thirty inches (30") and ten feet (10') above the

2.) Sight triangles at the intersection of a public street and a private access way (except for single family residences) shall also be formed by measuring from the point of intersection of the street frontage curbs and the entranc curb lines a distance of 35' and connecting the points so established to

Canadian sphagnum peat moss as per planting details. Roto-till 2.) Provide a soil analysis, as requested, made by an independent

Killing and removal of all weeds shall be the responsibility of the

and June 15th or between September 1 and October 15th unless directed by others in writing AND irrigation system is operating.

slow release nitrogen, phosphorous and potassium in a 12-12-12 grade; restore and repair any erosion or water damage and obtain

No broken pieces, irregular pieces or torn pieces will be accepted.

are to be warranted for a period of 12 months after complete installation 2.) Any plant material found to be defective shall be removed and replaced

within 30 days of notification or in growth season determined to be best for

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PLANT SCHEI																		
TREES	QTY COMMON NAME / BOTANICAL NAME	SIZE		Slow	Moderate	Fast	< 6" 6	- 18"	18 - 36"	> 3' < 18"	3 - 6'	6 - 10' 10 - 15'	> 15'	< 15'	15 - 25'	25 - 40'	40 - 65'	> 65'
ALE	6 Athena Lacebark Elm / Ulmus parvifolia 'Emer I'	2.5"Cal				•												
AGG	3 Autumn Gold Ginkae / Ginkae biloba 'Autumn Gold' TM	2.5 Cal	_										-					
BC	4 Bald Cypress / Taxodium distichum	2.5"Cal			•													
BO	8 Burr Oak / Quercus macrocarpa	2.5"Cal.																
HACK	5 Common Hackberry / Celtis occidentalis	2.5"Cal.															•	
GVZ	4 Green Vase Zelkova / Zelkova serrata 'Green Vase	»' 2.5"Cal																
GL	7 Greenspire Littleleaf Linden / Tilia cordata 'Greensp	pire' 2.5"Cal.											_					
LSM BGG	5 Legacy Sugar Maple / Acer saccharum Legacy 5 Rotundiloha Sweet Gum / Liquidamhar sturacièlua 'Rot		_															
SAW	4 Sawtooth Oak / Quercus acutissima	2.5 Cal.																
SVRM	I Sun Valley Red Maple / Acer rubrum 'Sun Valley'	2.5"Cal																
SWO	3 Swamp White Oak / Quercus bicolor	2.5"Cal.																
ТМ	I Tatarian Maple / Acer tataricum	2.5"Cal																
AFRM	6 'Autumn Flame' Maple / Acer rubrum 'Autumn Flame'	2.5"Cal				•												
e OGRM	5 'October Glory' Maple / Acer rubrum 'October Glory'	2.5"Cal				•												
	5 Skyline Locust / Gleaitsia triacanthos Skyline	2.5 Cal.																
EVERGREEN TREES	QTY COMMON NAME / BOTANICAL NAME	SIZE		Slow	Moderate	Fast	< 6" 6	- 18"	18 - 36"	> 3' < 8"	3 - 6'	6 - 10' 10 - 15'	> 15'	< 15'	5 - 25'	25 - 40'	40 - 65'	> 65'
BBS	7 Bakeri Blue Spruce / Picea pungens 'Bakerii'	6'-7'													<u> </u>	•		
CBS	10 Colorado Blue Spruce / Picea pungens 'Glauca'	6'-7'																
GGA	17 Green Giant Arborvitae / Thuja plicata 'Green Giant'	6'-7'																
NS	6 Norway Spruce / Picea abies	6'-7'																
FLOWERING TREES		G17F		SIOW	Moderate	Faet	16" 6	- 18"	18 - 36"	> 3' < IB"	3 - 6'	6 - 10' 10 - 15'	> 15'	< 15'	15 - 25'	25 - 40'	40 - 65'	> 65'
DSB	4 Downy Serviceberry / Amelanchier arborea	2.5"Cal																
MRB	5 Merlot Redbud / Cercis x 'Merlot'	2.5"Cal.																
NFP	5 Newport Flowering Plum / Prunus cerasifera 'Newport	:' 2.5"Cal				-												
RB	5 Redbud / Cercis canadensis	2.5"Cal																
SERV	8 Robin Hill' Serviceberry / Amelanchier X grandiflora '	'Robin Hill' 2.5"Cal.											_					
5MAG	5 Saucer Magnolia / Magnolia X soulangiana	2.5°Cal.											_					
SHRUBS	QTY COMMON NAME / BOTANICAL NAME	SIZE																
ALV	6 Alleghany Leatherleaf Viburnum / Viburnum rhytidophyl	llum 'Alleghany' 24"-30"																
CLA	30 Chicago Luster Arrowwood / Viburnum dentatum 'Chica	ago Luster' 24"-30"																
СН	7 China Boy/Girl Holly / llex meserveae 'China Boy/Girl'	' TM 5 gal																
	48 Dwarf Korean Lilac / Syringa meyeri 'Palibin'																	
ESHTD	8 Endless Summer Hydrangea / Hydrangea macrophylla	Endless Summer' TM 5 gal																
L GVB	65 Green Velvet Boxwood / Buxus 'Green Velvet'	5 gal																
SBWE	12 Sonic Bloom Weigelia / Weigelia florida 'Sonic Bloom'	5 gal																
НМА	28 Hetz Midget Arborvitae / Thuja occidentalis 'Hetz Mid	dget' 5 gal																
LHI	8 Lttle Henry Sweetspire / Itea virginica 'Little Henry' T	TM 18"-24"																
۳J	16 Procumbens Juniper / Juniperus procumbens 'Nana'	5 gal																
SGJ	75 Sea Green Juniper / Juniperus chinensis 'Sea Green'	I8"-24"																
CLE	32 Hummingbird' Summersweet / Clethra alnifolia Humming	gbird' 5 gal																
ANNIALS/PERENNIALS	RTY COMMON NAME / BOTANICAL NAME	GIZE																
HRD	20 Happy Returns Daylily / Hemerocallis hybrid 'Happy Re	eturns' gal																
RSD	87 Red Stella Daylily / Hemerocallis hybrid 'Red Stella'		\neg															
VL	74 Variegated Liriope / Liriope muscari 'Variegata'	l gal																
FORBS	QTY COMMON NAME / BOTANICAL NAME		_															
PERM	IDE Golden Alexander / Zizia aurea																	
SMW	259 Swamp Milkweed / Asclepias incarnata	2 Qt. @ 24" OC																
GRASSES	QTY COMMON NAME / BOTANICAL NAME	SIZE																
MG	6 Maiden Grass / Miscanthus sinensis 'Gracillimus'	5 gal																
POSES		6175																
ROSES OSOAL	9 050 Easy At Last Rose / Rosa x '050 Easy At Last	:' 5 Gal.																
GROUND COVERS	QTY COMMON NAME / BOTANICAL NAME	SIZE																
	324 Mixed Annuals / Min. of Five Varieties	2.25" Pot																
	~																	
HHHHHH	601 Variegated Japanese Sedge / Carex morrowii 'Aure	ea-variegata' Qt																
<u>HERREN (HERREN)</u>			_															
NATIVE GRASSES	QTY COMMON NAME / BOTANICAL NAME	SIZE	_															
	A The Drown to Seage / Carex Vulpinoidea																	
	/ 485 Great Green Bulrush / Scirpus atrovinens	Plua at 18" OC	_															
MIMINI, MIMINI																		
	453 Morning Star Sedge / Carex araui	Plua at 18" OC	_															
		Plug at 18" OC	\neg															

• SEE CIVIL DRAWINGS FOR CROSS-SECTIONAL DETAILS OF MULCH AND SOIL

REVISIONS	ΒY
10/11/18	RWM
10/26/18	RWM
12/17/18	RWM
/4/ 9	RWM
8/24/19	RWM
9/25/19	RWM
10/3/19	RWM
11/27/19	RWM

Min	Avg/Min	Max/Min
0.0	N.A.	N.A.
3.5	1.67	2.26
3.6	1.62	2.00
1.3	4.06	6.00
0.1	18.40	73.00
0.5	2.68	14.80

-35K-EX
-MDL05-CA
-35K-EX
und Mini LED 4000K
und Mini LED 4000K
W-MWP-LED1_35K-120-DMO
W-MWP-LED1_35K-120-DMO
ED-E1-SL4-HSS
ED-E1-SL3-HSS
ED-E1-RW
0-E1-SL4-800

October 29, 2019

Joseph M. Knight City Planner City of Chesterfield

Re: The Pearl at Wild Horse Creek TR,i Project #: 18-030 ARCHITECT'S STATEMENT OF DESIGN

To Whom it may concern,

As required by Chesterfield's Unified Development Code the following is our Architect's Statement of Design responding to the Architectural review design standards as they apply to our project.

Proposed garage modifications:

- 1. Openings in the north and west elevations of the garage have been revised to 1" insulated glass in aluminum storefront system, in lieu of, the previously approved fence material.
- 2. Metal louvers have been introduced on the north and west elevations of the garage. The intent is to paint the louvers to match the adjacent building material.

General requirements for site design:

1. Site relationships: The proposed development is located between Interstate 64 and Wild Horse Creek Road adjacent to the East bound I-64 off ramp. The only parcel with direct connection to the site is an existing warehouse development to the west. There are two vehicular access points to the site. The primary vehicular access is via full service curb cut on Wild Horse Creek Road. A secondary access is provide extending west through the existing warehouse site to connect to this development to Old Chesterfield Road. The Proposed AC Hotel use is depicted on the east side of the site plan to demonstrate the over-all site development concept. The proposed and future buildings are organized on the site to define an outdoor space. A public art feature will anchor the center of the outdoor space along with a roundabout, which will serve to calm vehicular speed and provide for distribution of traffic within the development. In the center of the proposed development would be a plaza, comprised of a round-a-bout, public art, sidewalks, and park benches. This would be the focal point as one enters the development. All vehicles entering the development would navigate through the round-a-bout, similar to Carondelet Plaza in Clayton, Missouri. The proposed buildings will surround the plaza and bring a "downtown" feel to the area and further the intent of the PC&R by promoting efficient and effective pedestrian and vehicle circulation. Parking for the development will be both surface

City Planner City of Chesterfield ARCHITECT'S STATEMENT OF DESIGN Page 2 October 29, 2019

and below grade garage parking. Residents would utilize the garage while the surface parking would be used by patrons of the restaurant and boutique retail. A valet service will also be a component of the restaurant.

- 2. Circulation system and access: The site organization emphasizes pedestrian connectivity of uses. Pedestrian access to the site is provide via a sidewalk running the length of the property along Wild Horse Creek Road. The development plan includes separation between vehicular circulation and pedestrian circulation with a network of public sidewalks within the development. The comprehensive pedestrian circulation system connects street to building, parking areas to building and building use to building use. Parking areas are distributed throughout the site to minimize impact, with forty eight percent (48%) of the proposed initial phase parking being located below the building, away from public view. Landscaping is used along both the internal and external network of sidewalks to add interest to the pedestrian experience. The design incorporates extensive landscaping along the interstate and Wild Horse Creek Road, which can be extended to adjacent properties as they are developed/re-developed, thus providing site connectivity and continuity.
- 3. Topography: The existing topography slopes from a southern high point down approximately 34 feet to the north on the buildable area of the site. There is approximately 31 feet of additional fall to the northern tip of the site. Modification to the grade is being proposed without the use of site retaining walls. The natural slope of the site is being utilized to facilitate parking below the building. Other slope modifications provide for handicapped pedestrian accessibility throughout the improved areas of the site. Extensive landscaping is used for screening, buffering, and enhancement to the site.
- 4. Retaining walls: No retaining walls are being proposed.

General requirements for building design:

- 1. Scale: There are currently no adjacent projects that set a precedent for development consistent with the City of Chesterfield design standards. The site is located between Interstate 64 and Wild Horse Creek Road. This creates the need for the project to express a scale appropriate to fit the smaller scale, more pedestrian oriented feel needed along the Wild Horse Creek Road frontage and the larger highway scaled projects along the I-64 frontage. The façade facing Wild Horse Creek Road utilizes a variety of building form, height and materials to create a dynamic and engaging expression to the public. The I-64 frontage maintains a similar level of animation and use of quality building materials making that facade commensurate with neighboring highway developments.
- 2. Design: The building design and finishes are coordinated on all sides of the building. The project has a unique character without influence of any corporate identity. The different components of this mixed-use building have individual identities. The proposed restaurant space on the southeast corner features a glass enclosed corner stair leading up and a second-floor bar/dining area with rooftop patio space. The first floor commercial along Wild Horse Creek Road projects from the building forming a continuous roof patio space utilized by the residents above. Decorative lighting, glass storefront, cultured stone and brick are used to create a pedestrian

City Planner City of Chesterfield ARCHITECT'S STATEMENT OF DESIGN Page 3 October 29, 2019

friendly facade. The individual residential living spaces are expressed by building façade offsets, changes in parapet height, balconies, material and color changes.

- 3. Materials and Colors: Warm earth tone finishes are used throughout the exterior design that are neutral and compatible with many other pallets. The materials include brick, cultured stone, cementitious siding, aluminum storefront, clear low-e glass, architectural windows and doors. Brick cornice and other masonry details are used consistently on all sides of the building.
- 4. Landscape design and screening: Landscaping is used along the street to create connectivity to adjacent sites. Within the site landscaping is used to enhance the pedestrian experience, screen the service areas, and soften the building's base where it meets the site.
- 5. Signage: It is understood that signage is reviewed separately.
- 6. Lighting: All exterior lighting will be fully cut off and will adhere to Chesterfields UDC. Cut sheets of the lighting are included for review, they complement the buildings style.

I trust this information meets your needs. Please advise if you have any questions or comments.

Respectfully,

lad State

Daniel Tate Senior Design Architect

© Copyright

Response to ARB 11/18/19 comment letter

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SERIES	LU	MENS ¹	C	CT	DRI	VER / DIMMING ²	ŀ	ACCESSORIES ⁷		MOUNTING	IN	TERIOR ¹⁶		FINISH ¹⁶
SW1910LW	15L 27L 37L 55L	1500 Lm 2700 Lm 3700 Lm 5500 Lm	27K 30K 35K 40K	2700K 3000K 3500K 4000K	EX3 DS10X3 DO10X4 DS2W15 DLTE16 DL3EX6	Electronic Driver, 120V/277V 10%, 0-10V, 120V/277V 1%, 0-10V, 120V/277V ELV/MLV, 120V Lutron® 2-Wire Forward Phase (MLV), 120V 1%, Lutron® EcoSystem®, 120V/277V	TF2 [®] TG2 MF2 MG2 FJ2 FG2	4" Frosted Dome 4" Dome Wire Guard 4" Frosted Mini 4" Short Wire Guard 4" Frosted Tall 4" Tall Wire Guard	CP104 ¹⁰ CP106 ¹⁰ CP6/RMD PA_ ¹¹ RDC5 CP13 PM ^{12/13} / ¹⁴ EMCR ¹⁵	WALL MOUNT Small Driver Canopy Large Driver Canopy Remote Mount Driver Mounting Arm Style CEILING MOUNT Small Driver Canopy Large Driver Canopy Rigid Pendant Mount Hang Straight 10W Large Driver Canopy EM	MWI ¹⁷ CCI FCI Se for FI Co	Matte White Custom Color Fixture Color Interior the Page 5 ull Range of Ior Options	MW ¹⁷ MB ¹⁷ PT ¹⁷ CC S for C	Matte White Matte Black Platinum Silver Custom Color Custom Color See Page 5 Full Range of olor Options
									EMRM	7W Remote EM 7W Remote with Enclosure				

EXAMPLE: SW1910LW37L35KEXFJ2/RDC5HM36MWIMB

NOTES:

 NOTES:
 1 Nominal Source Lumens at 35K
 2 Contact Factory for Additional Options
 3 37L Max with CP104
 4 Available with CP106/RDC5/CP13 Only
 5 37L Max with CP104/RDC5,

 55L Max with CP106/CP13
 6 Available with CP106/CP13 Only
 7 See Enclosures & Guards Page for Wire Guards and Additional Options
 8 Standard Enclosure
 9 See Mounting

 Page for Details on Components and Finishes
 10 Contact Factory for Knock Out Holes
 11 See Mounting Page for Available Arm Options
 12 Specify Length in Inches:

 See Mounting Page for Available Lengths
 13 Intended for Outdoor Covered Ceiling Applications Only
 14 Not for Use in Locations with Wind Exposure
 15 ERCR Replaces

 RDC5 or CP13
 16 See Color Page for More Options/Consult Factory for Special Finishes
 17 Standard Finishes
 17 Standard Finishes

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

19" SHORT WAREHOUSE SHADE

WET LOCATION

EXTERIOR - CLASSICS

HOUSING DIMENSIONS

LUN	LUMENS / WATTAGE DATA													
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW										
SW1910LW15L	1500	1202	10	120										
SW1910LW27L	2700	2100	18	117										
SW1910LW37L	3700	3080	26	118										
SW1910LW55L	5500	4536	39	116										

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K

APPLICATION

The Short Warehouse Shade is a shallow version of our most popular Warehouse Shades. LW Series is designed for outdoor wet locations.

FEATURES

Spectrum Lighting's RLM Classics are inspired by vintage lighting fixtures redesigned with modern LED light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative fixture specification and design. LED module and driver are serviceable for future replacement.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. Matte White interior standard. Custom Color interior finishes available.

ELECTRONICS

LW LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

CONSTRUCTION

Fixture shades are spun in our factory from 0.063 high purity aluminum. Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe and may be field cut.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for outdoor wet locations. Manufactured and tested to UL standards No. 1598/8750.

WALL MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & DIMENSIONS.) PA_ MOUNTING ARM STYLE

SW1910LW SHOWN WITH CP104PA23

CEILING MOUNT (SEE MOLINTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

HM / PM HANG STRAIGHT / PENDANT

SW1910LW SHOWN WITH RDC5PM

19" SHORT WAREHOUSE SHADE

WET LOCATION

INTERIOR - CLASSICS / PHOTOMETRIC DATA

SW1910GV-55L-35K-EX-TF2-MWI

Luminaire Watts: 39 LER: 116.26 Spacing Ratio: 1.19 CCT Multiplier: 27K x 0.971, 30K x 0.985, 40K x 1.03

MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES, CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

ENCLOSURES UP TO 55L

WALL MOUNTING

CEILING MOUNTING

*MAXIMUM ONE PIECE STEM LENGTH IS 72". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.

EMERGENCY BATTERY OPTIONS

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REMOTE EMERGENCY BATTERY OPTIONS

SPECTRUM LIGHTING INC.

*OTHER EM BATTERY SIZES AVAILABLE, CONTACT FACTORY

COLOR OPTIONS

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES, CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

MOUNTING FINISH

Standard Capopy / Stom or Cord mounting finish is matter white. Plack fivtures	Matte
receive matte black mounting finish, silver fixtures receive silver mounting finish.	Matte Black, Textured Bl
Custom colors for canopy and stem are available upon request.	Platinu

FIXTURE COLOR	CANOPY / STEM / CORD COLOR
Matte White, Textured White	Matte White
Matte Black, Textured Black, Bronze, Oil Rubbed Bronze, Graphite	Matte Black
Platinum, Textured Silver, Silver	Silver
All Others	Matte White
Custom Color	Canopy / Stem Same Color as Fixture

GIOSS White	MW	TW	GB	MB	TB	PT	MT	BZ	OB
	Matte White	Textured White	Gloss Black	Matte Black	Textured Black	Platinum	Textured Silver	Bronze	Oil Rubbed Bronze
SN	CO	BR	GH	CH	Almond	AY	EG	SB	BL
Bun Gold	Copper Metallic	Brecchia	Graphite	Charcoal		Aero Yellow	Evergreen	Sky Blue	Blue Streak
2D	OR	CM	PL	PG	TQ	L G	SF	PK	BY
Ved Baron	Orange	Camel	Purple	Pub Green	Turquoise	Lime Green	Sea Foam	Pink	Burgundy
/E	AK	AM	AZ	AS	AN	AC	GF	GA	BA
/erde Green	Anodic Black	Anodic Majachite	Anodic Bronze	Anodic Sapphire	Apodic Natural	Anodic Champagne	Cold Envice	Faux Galwapized	Brushed Aluminum
/E	AK	AM	AZ	AS	AN	AC	GF	GA	
/erde Green	Anodic Black	Anodic Malachite	Anodic Bronze	Anodic Sapphire	Anodic Natural	Anodic Champagne	Gold Flake	Faux Galvanized	

Albertslund Mini Post

Project name:

Project type:

Notes:

Variant options

Light source	Voltage frequency	Color	Class	Transition to pole	Lighting control
42W LED/4000K	120-277V/60HZ	Graph	1/11	T-DRA-5 IN-3 IN	Dim 0-10v
57W LED/3000K		Grey		T-RSA-4.5 IN	
57W LED/4000K		Nat paint alu			
		O Wht			

Product description

The design is based on an anti-glare ring, conical reflectors and a circular top shade, which serves as the primary reflector. Terse design Different colour variants.

Part of a product family.

Mounting tenon of die-cast aluminum, 4mm (0.18") thickness for T-DRA-5"-3" or T-RSA-4.5" poles.

Design

Jens Møller-Jensen

Weight

Min: 22 lbs Max: 22 lbs

Specification notes

a. Surge protector only available with T-RSA-4.5 transition to pole.

b. Consult factory for product spefications for Photo Sensor and Wireless Control options.

Light description

The fixture emits symmetrical glare-free light directed downwards. The top shade helps direct the light downwards and prevent light from being emitted upwards. The white painted reflectors result in diffuse and comfortable light distribution. The reflector ring protects against direct glare and does also serves as a heat sink. Provides a high level of vertical light for people to feel safe and comfortable. Two LEDs ensures a good balance between the uplight and downlight. The fixture design is identifiable when the light is on. LED technology with more options of standard CCTs. Electronic dimmable driver

Mounting

Aluminium coloured, grey, graphite grey, or white, powder coated. Top shade: High pressure moulded fiber glass, 3mm (0. 12") thick. Lower surfaces with high-reflectance white finish. Enclosure: Injection moulded clear polycarbonate, U. V. stabilized, 3mm (0. 12") thick. Heat sink: Die-cast aluminium, 6mm (0. 24") thicness typical, includes hidden fins for thermal transfer to atmosphere. Console: Die-cast aluminium, 3mm (0. 12") thick. Struts: Stainless steel. Inside reflectors of white polycarbonate, 2mm (0. 08") thick. Lower LED cover of opal polycarbonate, 2mm (0. 08") thick. Driver inside the fixture head.

Finish

Graph, Grey, Nat paint alu, Wht

Voltage

120-277V/60HZ

Polar

Light distribution diagrams

Cartesian

	Gustom config	CEI FEAT	ULING / WALL / URES 2.75° WIDE OUTDOOR EF ETL LISTED WET LOCATIO IP66 RATED 750 L/TT (LEDI); 1000 L/ INTEGRAL DRIVER SIMPLE, LINEAR PROFILE CREATE LONG, CONTINU CUSTOM LENGTHS AND	RECESSED NCAPSULATED LINEAR FIXTURE ON 1971 (LED2) 21 CAN BE CONNECTED TO OUS RUNS CORNERS AVAILABLE	ALLUM HOL CX J ENCAP LED REFLEC TOR A	INUM ISING CLLED SRRAY SSEMBLY				PROFILE VIEW – ENCAPSUL
	91 P	and the part of the	CATALO	G CODES	1.8.0					
SK1 -		- GW	f	- T	- 1	JNV	DN	10		
SERIES	HANGING SYSTEM SI	ZE DIFFUSER	FINISH	LIGHT SOURCE	· v	DLTAGE	CONT	ROL	OPI	TIONS
IFY CATALOG	CODE	R		D	demandant of the				- Lot Margar	
SERIES	BANGIN	GSYSTEM	SIZE	DIFFUSER			FINISH			
	CTOA OUTDOOR SURFA 010A*** OUTDOOR ADA-C CTOB OUTDOOR RECES 010C OUTDOOR RECES BIOTE: FIXTURE CANNOT	CE CEILING MOUNT OMPLIANT SCONCE SED CEILING MOUNT SED SCONCE	24 36 48 60 72 84 96 XX **	GEOSS WHITE	POWJER COAT AWP AUTUN BEP BEIGE BKP BLACK BLP BLUE BMP BRASS BNP BRANZ BTP BLACK CHP COPPE CMP COPPE CMP COPPE DBP. DENIM GRP GRAPF	HINISHES AN WHITE METALLIC TEXTURED R HAMMERT R METALLIC BLUE IITE IEXTURED	HE XA LB M ¹ RH SA SG ONE SH SN SV W	EP HEN AP KHAA EP LIGH WP MAT AP SAG GP STEI IP SILV IP SILV IP SILV IP SILV IP SILV IP SILV IP SILV IP SILV IP SILV IP SILV	INA KI IT BRONZE EDA HAMMM E GREEN EL GRAY ER HAMME ER METALL RM GRAY WHITE ITE TEXTUR	ERTONE RTONE IC
	REFLECTOR ASSE	MBLY FACING UPWARD.								10.2
u	IGHT SOURCE	VOUTAGE		CONTROL			OPTION	LS		
LED OUTPUT LED1 LED2	COLOR TEMP 27K 30X 35K 40K	LYNY 120-277	IJMO 0-10V DIM	MING 10%	VSF VIS TYJ SPF SP/ TYJ JJC ILU JMOD MC	IBLE FLANGE PES ONLY ACKLE FLANG PES ONLY JMINATED CO JDIFIED LUAN	OPTION FO TE OPTION FO ORNERS NAIRE (CON	R CIOB AN OR CIOB AI TACT LOCA	D 010C MO ND 010C M4 NL REP)	UNTING DUNTING
PLE CODE: SK	1-C10A-48-GW-MWP-LED1/3	SK-UNV-DMO								
es over 60" will h modified length, h	ave multiple reflectors ype in length of fixture in inches to the	e nearest 0.0625°; Min 24°			24" 36	LUMENS	AND WATT	AGE CHA	RT	96"
nation can be out	i, left, right or down; illumination cann	ot be up, up/down, or left/rig	hi	LUMAENS DELIVERED	1510 .223	3020	3740	.4463	5260	5980
		7		LUMENS DELIVERED	2020 295	0 3960	4970	5980	6957	792C
		UP TO	L 11:4/144	SYSTEM WATTAGE	28 .	55	69	<i>#</i> 3	97	1:0
, NOTES, & COA	MMENTS		1		This chan was co	ealed for a 35 0.9	K color temp 7 for 30k colo	Multiply by or temp, and	/ 0.95 for 27 11.03 for 40	k cofor tem k color tem

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PROJECT NAME:

TYPE:

Designed and intrinsion of SL Louis Mission 1 (15A

DIFFUSER URETHANE OPTIC MINIMIZES DEBRIS AND WATER ACCUMULATION ENCAPSULATED SEALING PROCESS ELIMINATES GASKETS AND MINIMIZES END TO END SHADOWING FULLY ILLUMINATED CORNERS AVAILABLE (IJC OPTION) DIFFUSER FINISH SOLID POWDER COAT FINISHES: GW GLOSS WHITE SWP MWP AWP SRP KAP BEP HEP SAP BIP BKE SKY WHITE AUTUMN STORM **KHAK**) MATTE BEIGE HENNA SAGE GREEN BLUE BLACK WHITE WHITE GRAY METALLIC POWDER COAT FINISHES: SMP GRP **SGP** BMP L8P BNP CMP DBP SILVER BRASS BRONZE COPPER GRAPHITE STEEL GRAY 1IGHT DENIM BRONZE BLUE TEXTURED POWDER COAT FINISHES: These colors are for reference only Please CHP SHP RHP 8TP GTP WTP be aware that colors may vary per monitor. SILVER COPPER RESEDA BLACK GRAY WHITE Please contact your sales rep for finish HAMMERTONE HAMMERTONE HAMMERTONE TEXTURED TEXTURED TEXTURED samples. LIGHT SOURCE LUMENS AND WATTAGE CHART STANDARD COLOR CRI **TEMPERATURE OPTIONS** 24" 36" 48" 60" 72" 84" 96" LUMENS DELIVERED 1510 2230 3020 3740 4460 5260 5980 2700K 80+ LEDI SYSTEM WATTAGE 3000K 71 31 47 73 52 62 83 80+ LUMENS DELIVERED 2020 2950 3960 4970 5980 6957 7920 3500K **80**• LED2 SYSTEM WATTAGE 28 41 55 83 97 110 4000K 69 80+ This chart was created for a 35X color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. PHOTOMETRY: LUMEN MAINTENANCE FIXTURE: SKI-CIOA-48-GW-MWP-LED2/35K-120-DMO REPORTED: L70 AT >60,000 HRS COLOR TEMP #: CALCULATED: 3500K L70 AT 180,000 HRS OUTPUT: REPORTED: 3960 L90 AT \$2,000 HRS EFFICACY: 72 LM/W CALCULATED: L90 AF 52,000 HRS TEST REPORT: TEST NO. 20513.0

Derived from EPA TM-21 calculator, Based on typical conditions. Consult the factory for additional details

ZONE	LUMENS	% OF LUMINAIRE
0-30	1117	28%
0-60	3200	\$1%
0-90	3953	100%
90-180	0	0%

For all available IES files, please visit our website at oct.com.

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PROJECT NAME:

TYPE: _

QTY:

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SONTROL

DMO 0-10V DIMMING DOWN TO 10%

- 0-lov DIMMING
- 10% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWERFACTOR >0.9
- THD <70%
- MIN AMBIENT OPERATING TEMPERATURE -40"F
- FIELD REPLACLABLE

LIC ILLUMINATED CORNERS

One feature of the **SKYLINE** series is a linear design with illuminated corners and junctions. These fixtures can be ordered as stand-alone units or as part of a continuous run. The corners are precision miter-cut and skillfully manufactured to create a continuous line of light with minimal seams that can follow the architecture of a building

Specifying the UC option signals to the factory that the fixture is modified and contains one or more corners.

Please consult with your local rep to get a quote and drawing of a fixture modified to your needs.

There are 3 standard corner offerings —inside, outside and flat. Custom corner options are also available.

SPECIFICATIONS

CONSTRUCTION

- HOUSING IS EXTRUDED ALUMINUM
- REFLECTOR IS EXTRUDED ALUMINUM
- DIFFUSER IS OPAL WHITE URETHANE RUBBER WITH UV INHIBITORS
- HARDWARE IS STAINLESS STEEL

MOUNTING

- FOR SURFACE MOUNTING, ILLUMINATION CAN BE OUT, LEFT, RIGHT, DOWN ONLY
- FIXTURE IS NOT DESIGNED TO BE MOUNTED IN-GRADE
- DIMMING ELECTRONIC DRIVER(S): COMES STANDARD WITH 0-10V DOWN TO 10%
- O-10V DOWN TO 1% AND LUTRON (LDEI) 1% ALSO AVAILABLE AS MODIFICATION (REQUIRES REMOTE DRIVERS)
- OCL PROPRIETARY LED ARRAYS USE NICHIA 757 DIODES
- LUMINAIRE CONNECTS TO BUILDING SUPPLY (120V-277V 50/60HZ) (UNLESS DRIVERS ARE REMOTE)
- LISTING

FLECTRICAL

- ETLLISTED TO UL 1598 FOR WETLOCATIONS; INDOOR OR OUTDOOR
- IP66 RATING

WARRANTY

 5 YEAR; ALL ELECTRICAL COMPONENTS RETAIN THE MANUFACTURER'S WARRANTY

The drawings and specifications and ideas, designs and airangements represented on these drawings are and shall remain the property of The Original Cast Lighting (OCL Architectural Lighting) and no part thereof shall be copied, disclosed, to others or used in conjunction with any work or project other than the specifications and information subject for which they have been prepared and developed, without written consent of OCL. Visual contact with these plans or specifications shall constitute conclusive evidenceof acceptance of these restrictores. All specifications and information subject to change without notice.

DESCRIPTION

The Galleon[™] LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics[™] system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

McGraw-Edison

Catalog #	Туре
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Construction

Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, diecast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics

Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical

LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wve systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA. 800mA and 1200mA drive currents (nominal).

Mounting

STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish

Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty

Five-year warranty.

GALLEON LED

1-10 Light Squares Solid State LED

AREA/SITE LUMINAIRE

WaveLinx

DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length ¹	Weight with Arm (Ibs.)	EPA with Arm ² (Sq. Ft.)
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.

DRILLING PATTERN

CERTIFICATION DATA 3G Vibration Rated DesignLights Consortium® Qualified* IP66 Rated ISO 9001 LM79 / LM80 Compliant UL/cUL Wet Location Listed

ENERGY DATA

Electronic LED Driver >0.9 Power Factor <20% Total Harmonic Distortion 120V-277V 50/60Hz 347V, 480V 60Hz -40°C Min. Temperature 40°C Max. Temperature 50°C Max. Temperature (HA Option)

ARM MOUNTING REQUIREMENTS

Configuration	90° Apart	120° Apart
GLEON-AF-01	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-02	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-03	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-04	7" Arm (Standard)	7" Arm (Standard)
GLEON-AF-05	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AF-06	10" Extended Arm (Required)	7" Arm (Standard)
GLEON-AF-07	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AF-08	13" Extended Arm (Required)	13" Extended Arm (Required)
GLEON-AF-09	16" Extended Arm (Required)	16" Extended Arm (Required)
GLEON-AF-10	16" Extended Arm (Required)	16" Extended Arm (Required)

NOTES: 1 Round poles are 3 @ 120°. Square poles are 3 @ 90°. 2 Round poles are 3 @ 90°.

4-7/8" [124mm]

STANDARD WALL MOUNT

MAST ARM MOUNT

QUICK MOUNT ARM (INCLUDES FIXTURE ADAPTER)

QMEA Quick Mount Arm (Extended)

QUICK MOUNT ARM DATA

Number of Light Squares ^{1, 2}	"A" Width	Weight with QM Arm (Ibs.)	Weight with QMEA Arm (lbs.)	EPA (Sq. Ft.)
1-4	15-1/2" (394mm)	35 (15.91 kgs.)	38 (17.27 kgs.)	
5-6 ³	21-5/8" (549mm)	46 (20.91 kgs.)	49 (22.27 kgs.)	1.11
7-8	27-5/8" (702mm)	56 (25.45 kgs.)	N/A	

NOTES: 1 QM option available with 1-8 light square configurations. 2 QMEA option available with 1-6 light square configurations. 3 QMEA arm to be used when mounting two fixtures at 90° on a single pole.

OPTIC ORIENTATION

LUMEN MAINTENANCE

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	416,000
1.2A	1.2A Up to 40°C > 9		205,000

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

Eaton 1121 Highway 74 South Peachtree City, GA 30269 P: 770-486-4800 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

NOMINAL POWER LUMENS (1.2A)

Number o	flight Squares	1	2	3	4	5	6	7	8	9	10
Nominal F	Power (Watts)	67	129	191	258	320	382	448	511	575	640
Input Curr	ent @ 120V (A)	0.58	1 16	178	2 31	2 94	3 56	4 09	4 71	5 34	5.87
Input Curr	ent @ 208V (A)	0.33	0.63	0.93	1 27	1.57	1.87	2 22	2.52	2.8	3 1/
Input Curr	ent @ 240V (A)	0.00	0.55	0.80	1.10	1 35	1.61	1.93	2.02	2.0	2 71
Input Curr	ent @ 277V (A)	0.25	0.33	0.00	0.96	1.00	1.01	1.55	1.00	2.41	2.71
Input Cum	ent @ 2/7V (A)	0.25	0.40	0.70	0.30	0.06	1.55	1.03	1.50	1.70	1.02
Input Cum	ent @ 490V (A)	0.20	0.33	0.37	0.70	0.30	0.95	1.30	1.04	1.72	1.52
Ontine	ent @ 460V (A)	0.15	0.30	0.43	0.60	0.73	0.65	1.03	1.10	1.20	1.40
Optics	4000K/5000K	C 963	10 410	20.011	20.441	20.701	20.205	40.004	50.504	FR 001	C4 000
	4000K/5000K Lumens	6,863	13,412	20,011	26,441	32,761	39,205	46,364	52,534	58,601	64,880
12	3000K Lumens	6,489	12,681	18,919	25,000	30,974	37,066	43,836	49,668	55,405	61,341
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	7,285	14,238	21,246	28,072	34,780	41,621	49,221	55,770	62,212	68,878
T2R	3000K Lumens	6,888	13,462	20,087	26,541	32,884	39,351	46,537	52,729	58,819	65,122
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,995	13,670	20,397	26,951	33,391	39,959	47,256	53,544	59,728	66,130
Т3	3000K Lumens	6,613	12,924	19,284	25,480	31,570	37,780	44,679	50,624	56,471	62,524
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	7,150	13,973	20,850	27,549	34,134	40,846	48,307	54,734	61,056	67,598
T3R	3000K Lumens	6,761	13,212	19,713	26,046	32,272	38,619	45,673	51,750	57,726	63,911
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	7,036	13,748	20,515	27,107	33,586	40,191	47,530	53,854	60,074	66,512
T4FT	3000K Lumens	6,652	12,999	19,397	25,629	31,754	37,999	44,938	50,917	56,797	62,885
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T4W	4000K/5000K Lumens	6,945	13,571	20,249	26,756	33,152	39,671	46,917	53,160	59,298	65,653
	3000K Lumens	6,566	12,831	19,146	25,297	31,344	37,508	44,358	50,260	56,064	62,072
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,851	13,388	19,977	26,396	32,704	39,137	46,283	52,444	58,498	64,768
SL2	3000K Lumens	6,477	12,658	18,888	24,957	30,920	37,003	43,759	49,584	55,308	61,235
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,994	13,668	20,394	26,947	33,388	39,953	47,249	53,537	59,720	66,119
SL3	3000K Lumens	6,612	12,922	19,281	25,477	31,567	37,774	44,673	50,618	56,463	62,514
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,645	12,986	19,378	25,603	31,723	37,962	44,893	50,868	56,743	62,824
SL4	3000K Lumens	6,282	12,279	18,321	24,207	29,993	35,892	42,445	48,094	53,648	59,398
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	7,214	14,097	21,036	27,795	34,437	41,210	48,734	55,220	61,597	68,199
5NQ	3000K Lumens	6,820	13,329	19,888	26,279	32,558	38,962	46,077	52,208	58,237	64,479
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	4000K/5000K Lumens	7,347	14,356	21,423	28,306	35,071	41,969	49,632	56,237	62,730	69,454
5MQ	3000K Lumens	6,947	13,573	20,254	26,762	33,158	39,680	46,925	53,170	59,309	65,667
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
	4000K/5000K Lumens	7,366	14.396	21,480	28,381	35,164	42,080	49,765	56,386	62,898	69.639
5WQ	3000K Lumens	6,964	13.610	20,308	26,833	33.247	39,786	47.050	53.311	59,468	65.842
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	4000K/5000K Lumens	6 147	12 010	17.921	23 679	29.339	35 109	41 521	47.046	52 478	58 102
SLL/SI B	3000K Lumens	5,811	11,355	16,944	22,388	27,739	33 194	39,256	44,479	49,617	54,933
	BUG Bating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumona	71/0	12 070	20.846	27 5/2	3/ 126	40 827	48 205	5/ 722	61 0/2	67 592
BW/	3000K Lumone	6 760	12 200	10 700	27,040	33.264	20 610	40,230 AE 661	51 720	57 712	62 007
	BLIG Bating	B3-110-C1	B3-110 C2	BA-110 G2	B4-110-C2	B5-110 C2	B5-110 C2	85-U0 G4	B5-110 G4	B5-110 G4	B5-110 G4
		7 175	14 021	20 021	27 6/2	34 240	10 000	10 170	5/ 020	61 262	67 020
A.E.	2000K Lumens	6 704	19.050	10,700	27,043	22 201	20 750	40,470	51.005	E7 000	64 100
		D1 110 01	13,200 P2 110 C2	13,780	20,130	32,381	30,/5U	40,827	D2 110 CC	DA 110 CA	D4,129
1		в I-00-G1	B2-00-G2	B2-00-G2	B3-00-G3	B3-00-G3	B3-00-G3	B3-00-G3	03-00-63	B4-00-G4	B4-00-G4

NOMINAL POWER LUMENS (1A)

Number o	f Light Squares	1	2	3	4	5	6	7	8	9	10
Nominal F	ower (Watts)	59	113	166	225	279	333	391	445	501	558
Input Cur	ent @ 120V (A)	0.51	1.02	1.53	2.03	2.55	3.06	3.56	4.08	4.60	5.07
Input Cur	ent @ 208V (A)	0.29	0.56	0.82	1.11	1.37	1.64	1.93	2.19	2.46	2.75
Input Cur	ent @ 240V (A)	0.26	0.48	0.71	0.96	1.19	0.41	1.67	1.89	2.12	2.39
Input Cur	ent @ 277V (A)	0.23	0.42	0.61	0.83	1.03	1.23	1.45	1.65	1.84	2.09
Input Cur	ent @ 347V (A)	0.17	0.32	0.50	0.64	0.82	1.00	1.14	1.32	1.50	1.68
Input Cur	ent @ 480V (A)	0.14	0.24	0.37	0.48	0.61	0.75	0.91	0.99	1.12	1.28
Optics		l	l	l	1	l	l	L		l	l
	4000K/5000K Lumens	6,256	12,225	18,242	24,104	29,865	35,739	42,265	47,888	53,420	59,144
T2	3000K Lumens	5,915	11,559	17,248	22,789	28,236	33,790	39,960	45,277	50,506	55,919
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,642	12,979	19,366	25,589	31,705	37,941	44,870	50,840	56,711	62,789
T2R	3000K Lumens	6,280	12,271	18,311	24,193	29,976	35,872	42,423	48,068	53,619	59,365
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,377	12,461	18,593	24,568	30,439	36,426	43,077	48,810	54,447	60,282
тз	3000K Lumens	6,029	11,781	17,580	23,229	28,781	34,441	40,731	46,150	51,480	56,997
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,518	12,739	19,006	25,113	31,116	37,235	44,036	49,895	55,658	61,622
T3R	3000K Lumens	6,029	11,781	17,579	23,229	28,779	34,440	40,729	46,148	51,478	56,995
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,414	12,533	18,702	24,710	30,616	36,637	43,328	49,093	54,763	60,631
T4FT	3000K Lumens	6,064	11,849	17,681	23,363	28,946	34,638	40,966	46,417	51,776	57,325
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
T4W	4000K/5000K Lumens	6,331	12,372	18,459	24,391	30,221	36,163	42,769	48,459	54,056	59,849
	3000K Lumens	5,986	11,697	17,452	23,061	28,572	34,192	40,436	45,817	51,108	56,585
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,245	12,205	18,212	24,062	29,813	35,677	42,192	47,807	53,326	59,042
SL2	3000K Lumens	5,904	11,539	17,218	22,750	28,187	33,732	39,891	45,199	50,418	55,822
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,376	12,460	18,591	24,564	30,436	36,421	43,072	48,803	54,439	60,273
SL3	3000K Lumens	6,028	11,780	17,578	23,224	28,776	34,435	40,723	46,141	51,471	56,986
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	6,058	11,838	17,664	23,340	28,918	34,605	40,924	46,370	51,727	57,269
SL4	3000K Lumens	5,727	11,193	16,701	22,067	27,341	32,718	38,692	43,841	48,906	54,146
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	6,577	12,851	19,176	25,336	31,392	37,566	44,426	50,337	56,151	62,170
5NQ	3000K Lumens	6,218	12,151	18,131	23,955	29,680	35,517	42,003	47,592	53,089	58,779
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	4000K/5000K Lumens	6,697	13,088	19,528	25,803	31,970	38,258	45,243	51,264	57,185	63,313
5MQ	3000K Lumens	6,332	12,374	18,463	24,395	30,227	36,171	42,776	48,468	54,066	59,861
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5
	4000K/5000K Lumens	6,715	13,122	19,580	25,871	32,055	38,360	45,365	51,401	57,337	63,482
5WQ	3000K Lumens	6,348	12,406	18,513	24,461	30,307	36,268	42,891	48,599	54,210	60,021
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	4000K/5000K Lumens	5,604	10,949	16,337	21,586	26,745	32,004	37,850	42,886	47,838	52,965
SLL/SLR	3000K Lumens	5,298	10,351	15,446	20,409	25,287	30,258	35,786	40,547	45,229	50,077
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
_	4000K/5000K Lumens	6,517	12,735	19,002	25,107	31,109	37,227	44,025	49,883	55,644	61,607
RW	3000K Lumens	6,162	12,040	17,965	23,738	29,413	35,197	41,623	47,163	52,609	58,247
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	85-U0-G3	85-U0-G3	85-U0-G3	85-U0-G4	85-U0-G4	85-U0-G4
	4000K/5000K Lumens	6,541	12,781	19,072	25,199	31,221	37,362	44,185	50,065	55,846	61,831
AFL	3000K Lumens	6,184	12,084	18,032	23,825	29,519	35,325	41,775	47,334	52,801	58,459
1	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-00-G3	B3-U0-G3	B3-00-G3	B3-00-G3	B4-U0-G4	B4-U0-G4

NOMINAL POWER LUMENS (800MA)

						1	,				r
Number o	f Light Squares	1	2	3	4	5	6	7	8	9	10
Nominal F	Power (Watts)	44	85	124	171	210	249	295	334	374	419
Input Curi	rent @ 120V (A)	0.39	0.77	1.13	1.54	1.90	2.26	2.67	3.03	3.39	3.80
Input Curi	rent @ 208V (A)	0.22	0.44	0.62	0.88	1.06	1.24	1.50	1.68	1.87	2.12
Input Curi	rent @ 240V (A)	0.19	0.38	0.54	0.76	0.92	1.08	1.30	1.46	1.62	1.84
Input Curi	rent @ 277V (A)	0.17	0.36	0.47	0.72	0.83	0.95	1.19	1.31	1.42	1.67
Input Curi	rent @ 347V (A)	0.15	0.24	0.38	0.49	0.63	0.77	0.87	1.01	1.15	1.52
Input Curi	rent @ 480V (A)	0.11	0.18	0.29	0.37	0.48	0.59	0.66	0.77	0.88	0.96
Optics				1			1	1			1
	4000K/5000K Lumens	5,054	9,878	14,739	19,475	24,129	28,875	34,148	38,691	43,159	47,785
T2	3000K Lumens	4,779	9,338	13,935	18,412	22,813	27,301	32,286	36,581	40,805	45,179
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	5,366	10,486	15,647	20,675	25,616	30,654	36,252	41,076	45,819	50,730
T2R	3000K Lumens	5,074	9,914	14,794	19,548	24,218	28,982	34,276	38,835	43,320	47,964
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
	4000K/5000K Lumens	5,153	10,068	15,022	19,849	24,593	29,430	34,805	39,436	43,990	48,705
тз	3000K Lumens	4,872	9,519	14,203	18,766	23,251	27,825	32,907	37,285	41,591	46,048
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5
	4000K/5000K Lumens	5,266	10,292	15,356	20,290	25,140	30,084	35,578	40.312	44,968	49,786
T3R	3000K Lumens	4,979	9.731	14.518	19,184	23,769	28.443	33.638	38,114	42.516	47.071
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	5 182	10 126	15 109	19.964	24 736	29 600	35,006	39 664	44 245	48.987
T4FT	3000K Lumens	4 899	9 574	14 285	18 876	23,387	27.986	33 097	37 501	41 832	46.315
	BLIG Bating	B1-110-G2	B1-U0-G2	B2-110-G3	B2-110-G4	B3-110-G4	B3-110-G4	B3-110-G5	B3-110-G5	B3-110-G5	B3-U0-G5
T4W	4000K/5000K Lumens	5 115	9 995	1/ 91/	19 706	24 417	29.218	34 554	39 152	13 674	/8 35/
	2000K Lumons	4 926	9,555	14,514	19,700	24,417	23,210	22 670	27.017	43,074	40,354
	BLIC Pating	4,030 B1 110 C2	B2 110 C2	R2 110 C2	B2 110 G4	23,005 B2 LID G4	27,024 B2 110 G4	B2 110 C5	B2 110 G5	91,232 R4 U0 C5	43,717 B4 U0 G5
	4000K/5000K Lumons	5.046	0.960	14 712	10 //1	24 097	20 025	24.090	29.625	12 095	47 702
61.2	2000K Lumono	4 771	0,000	12 011	10,991	24,007	20,025	22,220	26 510	40,000	47,702
312	BLIC Boting	4,771 B1 U0 C1	9,322	13,911 P2 110 C2	10,301 P2 110 C2	22,774 P2 110 C4	27,255 P2 110 C4	32,229 P2 110 C4	30,510 P2 110 CE	40,735 P2 110 CE	45,101 R4 110 CE
	ADOOK /FOOOK Lumono	BI-00-GI	B2-00-G2	B2-00-G3	B3-00-G3	B3-00-G4	B3-00-G4	B3-00-G4	B3-00-G5	B3-00-G5	B4-00-G5
	4000K/5000K Lumens	5,152	10,067	15,020	19,840	24,591	29,420	34,800	39,431	43,984	48,098
513	3000K Lumens	4,871	9,518	14,200	18,764	23,249	27,822	32,902	37,280	41,585	46,042
	BUG Rating	B1-00-G2	B1-00-G2	B2-00-G3	B2-00-G3	B3-00-G4	B3-00-G4	B3-00-G5	B3-00-G5	B3-00-G5	B3-00-G5
	4000K/5000K Lumens	4,894	9,565	14,271	18,857	23,364	27,959	33,065	37,465	41,792	46,270
SL4	3000K Lumens	4,627	9,043	13,492	17,829	22,090	26,434	31,261	35,422	39,513	43,746
	BUG Rating	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	5,313	10,383	15,493	20,470	25,363	30,351	35,893	40,669	45,367	50,229
5NQ	3000K Lumens	5,024	9,817	14,647	19,354	23,980	28,696	33,936	38,452	42,893	47,490
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G3
	4000K/5000K Lumens	5,411	10,574	15,778	20,848	25,830	30,911	36,554	41,418	46,202	51,154
5MQ	3000K Lumens	5,117	9,997	14,917	19,710	24,421	29,225	34,561	39,160	43,682	48,364
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
	4000K/5000K Lumens	5,426	10,603	15,820	20,903	25,899	30,992	36,652	41,529	46,325	51,290
5WQ	3000K Lumens	5,130	10,025	14,958	19,763	24,486	29,302	34,654	39,263	43,799	48,493
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	4000K/5000K Lumens	4,528	8,846	13,199	17,440	21,609	25,858	30,580	34,649	38,651	42,792
SLL/SLR	3000K Lumens	4,281	8,364	12,480	16,489	20,430	24,448	28,912	32,759	36,543	40,459
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	5,265	10,289	15,353	20,285	25,134	30,077	35,569	40,303	44,958	49,775
RW	3000K Lumens	4,978	9,727	14,516	19,179	23,763	28,437	33,629	38,105	42,506	47,060
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4
	4000K/5000K Lumens	5,285	10,327	15,409	20,360	25,225	30,186	35,699	40,450	45,120	49,956
AFL	3000K Lumens	4,996	9,763	14,569	19,249	23,849	28,540	33,752	38,244	42,659	47,232
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3

NOMINAL POWER LUMENS (600MA)

		1	r	1	r	1		1		1	1
Number o	f Light Squares	1	2	3	4	5	6	7	8	9	10
Nominal F	Power (Watts)	34	66	96	129	162	193	226	257	290	323
Input Curi	rent @ 120V (A)	0.30	0.58	0.86	1.16	1.44	1.73	2.03	2.33	2.59	2.89
Input Curi	rent @ 208V (A)	0.17	0.34	0.49	0.65	0.84	0.99	1.14	1.30	1.48	1.63
Input Curi	rent @ 240V (A)	0.15	0.30	0.43	0.56	0.74	0.87	1.00	1.13	1.30	1.43
Input Curi	rent @ 277V (A)	0.14	0.28	0.41	0.52	0.69	0.81	0.93	1.04	1.22	1.33
Input Curi	rent @ 347V (A)	0.11	0.19	0.30	0.39	0.49	0.60	0.69	0.77	0.90	0.99
Input Curi	rent @ 480V (A)	0.08	0.15	0.24	0.30	0.38	0.48	0.53	0.59	0.71	0.77
Optics											
	4000K/5000K Lumens	4,121	8,055	12,019	15,881	19,676	23,547	27,847	31,552	35,196	38,967
T2	3000K Lumens	3,896	7,615	11,363	15,015	18,604	22,263	26,328	29,831	33,276	36,842
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4
	4000K/5000K Lumens	4,376	8,552	12,760	16,860	20,890	24,998	29,563	33,497	37,365	41,369
T2R	3000K Lumens	4,138	8,085	12,064	15,941	19,751	23,635	27,951	31,670	35,328	39,113
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4
	4000K/5000K Lumens	4,201	8,210	12,251	16,187	20,055	23,999	28,383	32,159	35,873	39,718
Т3	3000K Lumens	3,973	7,763	11,583	15,304	18,961	22,691	26,835	30,406	33,916	37,552
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
	4000K/5000K Lumens	4,294	8,393	12,523	16,546	20,501	24,532	29,014	32,875	36,671	40,600
T3R	3000K Lumens	4,060	7,936	11,840	15,644	19,383	23,195	27,432	31,082	34,671	38,386
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	4,226	8,257	12,321	16,280	20,172	24,139	28,547	32,346	36,082	39,948
T4FT	3000K Lumens	3,996	7,807	11,649	15,392	19,071	22,822	26,990	30,582	34,114	37,770
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4W	4000K/5000K Lumens	4,171	8,151	12,162	16,071	19,912	23,827	28,178	31,928	35,615	39,432
	3000K Lumens	3,943	7,706	11,498	15,194	18,825	22,527	26,642	30,187	33,673	37,281
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	4,114	8,041	11,998	15,854	19,643	23,506	27,799	31,498	35,135	38,901
SL2	3000K Lumens	3,890	7,603	11,344	14,989	18,572	22,224	26,282	29,780	33,219	36,779
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
	4000K/5000K Lumens	4,200	8,209	12,249	16,184	20,053	23,996	28,379	32,154	35,869	39,712
SL3	3000K Lumens	3,972	7,762	11,580	15,302	18,960	22,688	26,831	30,400	33,913	37,546
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	3,992	7,799	11,638	15,378	19,053	22,801	26,964	30,552	34,081	37,733
SL4	3000K Lumens	3,774	7,374	11,003	14,539	18,015	21,557	25,493	28,886	32,222	35,674
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G4	B2-U0-G5	B2-U0-G5	B3-U0-G5
	4000K/5000K Lumens	4,333	8,467	12,634	16,694	20,683	24,751	29,271	33,166	36,996	40,961
5NQ	3000K Lumens	4,097	8,005	11,945	15,784	19,555	23,401	27,674	31,357	34,978	38,727
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3
	4000K/5000K Lumens	4,413	8,622	12,867	17,000	21,064	25,207	29,810	33,777	37,677	41,715
5MQ	3000K Lumens	4,173	8,152	12,165	16,073	19,915	23,832	28,185	31,934	35,623	39,440
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	4000K/5000K Lumens	4,424	8,646	12,900	17,046	21,120	25,274	29,890	33,866	37,778	41,826
5WQ	3000K Lumens	4,182	8,175	12,197	16,117	19,968	23,896	28,260	32,018	35,717	39,545
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
	4000K/5000K Lumens	3,692	7,214	10,763	14,222	17,621	21,086	24,937	28,256	31,519	34,897
SLL/SLR	3000K Lumens	3,491	6,820	10,176	13,447	16,660	19,937	23,577	26,715	29,800	32,994
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5
	4000K/5000K Lumens	4,293	8,390	12,520	16,542	20,496	24,527	29,007	32,866	36,662	40,591
RW	3000K Lumens	4,059	7,932	11,837	15,640	19,378	23,189	27,425	31,074	34,662	38,377
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	4000K/5000K Lumens	4,310	8,421	12,566	16,602	20,571	24,616	29,112	32,986	36,795	40,738
AFL	3000K Lumens	4,074	7,962	11,881	15,697	19,448	23,273	27,525	31,187	34,788	38,516
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3

CONTROL OPTIONS

0-10V (DIM)

This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (P, R and PER7)

Optional button-type photocontrol (P) and photocontrol receptacles (R and PER7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

After Hours Dim (AHD)

This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (MS/DIM-LXX, MS/X-LXX and MS-LXX)

These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines.

These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters. A variety of sensor lens are available to optimize the coverage. pattern for mounting heights from 8'-40'.

LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

The Eaton's LumaWatt Pro powered by Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.

For mounting heights from 16' to 40' (LWR-LN)

WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

LumenSafe Integrated Network Security Camera (LD)

Eaton brings ease of camera deployment to a whole new level. No additional wiring is needed beyond providing line power to the luminaire. A variety of networking options allows security integrators to design the optimal solution for active surveillance. As the ideal solution to meet the needs for active surveillance, the LumenSafe integrated network camera is a streamlined, outdoor-ready fixed dome that provides HDTV 1080p video. This IP camera is optimally designed for deployment in the video management system or security software platform of choice.

Eaton 1121 Highway 74 South Peachtree City, GA 30269 P: 770-486-4800 www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

Sample Number: GLEON-AF-04-LED-E1-T3-GM-QM

Product Family ^{1, 2}	Light Engine	Number of Light Squares ³	Lamp Type	Voltage	Distribution		Color	Mounting
GLEON =Galleon	AF=1A Drive Current	01=1 02=2 03=3 04=4 05=5 ⁴ 06=6 07=7 ⁵ 08=8 ⁵ 09=9 ⁶ 10=10 ⁵	LED=Solid State Light Emitting Diodes	E1=120-277V 347=347V ⁷ 480=480V ²⁸	T2=Type II T2R=Type II Roadway T3=Type II Roadway T3F=Type IV RonwardThrow T4FT=Type IV ForwardThrow T4FT=Type IV Noide SNQ=Type V Narrow SMQ=Type V Narrow SMQ=Type V Square Medium SWQ=Type V Square Medium SWQ=Type IV Square Medium SUQ=Type II wSpill Control SL3=Type II wSpill Control SL4=Type IV wSpill Control SL4=Sype IV Spill Light Eliminator Left SL4=System System S		AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White	[Blank]=Arm for Round or Square Pole EA=Extended Arm ⁹ MA=Mast Arm Adapter ¹⁰ WM=Wall Mount QIM=Ouick Mount Arm (Standard Length) ¹¹ QIMEA=Quick Mount Arm (Extended Length) ¹²
Options (Add a	s Suffix)		Accessories (Order Separately)					
7027=70 CRI 2700K 7030=70 CRI 2000K 7050=70 CRI 3000K 7050=70 CRI 5000K 7060=70 CRI 6000K 600=Drive Current 1 200=Drive Current 1 200=Drive Current 1 200=Drive Current 1 1200=Drive Current 1 1200=Dr	13 13 13 13 25et to Nominal 600mA ¹⁵ Set to Nominal 800mA ¹⁵ Set to Nominal 1200mA ¹⁵ 277 or 347V. Specify Volta 8, 240 or 480V. Specify Volt / Dimming Leads ^{19, 20} rs Dim, 6 Hours ²² rs Dim, 7 Hours ²² rs Dim, 7 Hours ²² rs Dim, 8 Hours ²² po ² Left 190° Right Top Hardware se Side Shield ²⁸ trim Painted to Match Hous	P=Buttc PER7=N R=NEL MS-L20 MS-L40 MS/L1 MS/DIN ge) MS/X-1 MS/L0 LWR-L1 LWR-L1 ZW=W ZW-SW ZW-SW ZW-SW ZW-SW	n Type Photocontrol (120, 208 IEMA 7-PIN Photocontrol Rec IEMA 7-PIN Photocontrol Rec Photocontrol Receptade ²¹ Motion Sensor for ON/OFF 41.02 Motion Sensor for Din 41.40W =Motion Sensor for Din 41.40W =Motion Sensor for Din 41.40W =Motion Sensor for DisB=iLevel Motion Sensor, 9 40W =Bi-Level Motion Sensor, 9	3, 240 or 277V. Must S eptacle ²¹ Operation, 9' - 20' Mo F Operation, 21' - 40' mming Operation, 74' mming Operation, 8'- himming Operation, 2' Maximum 8' Mountin 9' - 20' Mounting Heig r, 21' - 40' Mounting Heig sor, Narrow Lens for 8' sor, Narrow Lens for 9' sor, Narrow	pecify Voltage) ²¹ unting Height ²⁴ Mounting Height ²⁴ Ximum & Mounting Height ²⁴ 1' - 40' Mounting Height ²⁴ 9 Height ^{24,25} 18' Mounting Height ²⁸ 16' - Mounting Height ²⁸ 16' - 40' Mounting Height ²⁶ 16' - 40' Mounting Height ²⁶ ing Height, Bronze ^{19,33} 19 Height, Bronze ^{19,33} ing Height, Bronze ^{19,33}	OA/RA1016= OA/RA1027= OA/RA1201= OA/RA1013= OA/RA1013= OA/RA1014= MA1252=10k MA1036-XX: MA1036-XX: MA1197-XX: MA1197-XX: MA1197-XX: MA1197-XX: MA1039-XX: MA1038-XX: MA1039-XX: MA1038-XX: MA1038-XX: MA1038-XX: MA1038-XX: MA1038-XX: MA1039-XX: MA1038-XX: MA108-XX: MA1038-XX: MA1040	NEMA Photocontrol Multi-Ta NEMA Photocontrol - 480V NEMA Photocontrol - 480V ANEMA Photocontrol - 347V Photocontrol Shorting Cap 120V Photocontrol V Surge Module Replacement Single Tenon Adapter for 2-3 2 @ 180° Tenon Adapter for 2-3 2 @ 90° Tenon Adapter for 2-3 2 @ 90° Tenon Adapter for 2-3 2 @ 90° Tenon Adapter for 3-1 2 @ 180° Tenon Adapter for 3-3 3 @ 90° Tenon Adapter for 3-1 3 @ 90° Tenon Adapter for 3-1 1 eless Configuration Tool for (=Field Installed MeshTop for E-Field Installed MeshTop for E-Field Installed MeshTop for Cuick Mount Arm Kit " SA=Quick Mount Arm Kit " A=WaveLinx Outdoor Contro =WaveLinx Wireless Sensor, 7 Wavelinx	nt /************************************

NOTES:

NOTES: 1 Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information. 2 DesignLights Consortium[®] Cualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 3 Standard 4000K CCT and minimum 70 CRI. 4 Not compatible with MS/4-LXX or MS/1-LXX sensors. 5 Not compatible with extended quick mount arm (QMEA). 6 Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA). 7 Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A. 8 Only for use with 480V Wye systems. Prec N, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems.] 3 Extended lead times are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table. 10 Factory installed. 11 Maximum 8 light squares. 13 Extended lead times apply. Use declicated IES files for 27000K and 6000K when performing layoust. 14 Reserved 15 1 Amp standard. Use declicated IES files for 500mA, 800mA and 1200mA when performing layoust. 16 Not available with HA option. 17 2L is not available with MS/ MS/X or MS/DIM at 347V or 480V. 2L in AF-02 through AF-04 requires a larger housing, normally used for AF-05 or AF-06. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table. 18 Not available with LumaWatt Pro wireless sensors. 19 Cannot be used with other control options. 20 Low voltage control lead brought out 18° outside fixture. 21 Not available if any "MS' sensor is selected. Motion sensor has an integral photocell. 22 Requires the use of P photocontrol or the PER7 or R photocontrol

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

Product Family	Camera Type	Data Backhaul					
L=LumenSafe Technology*	D=Dome Camera, Standard H=Dome Camera, Hi-Res Z=Dome Camera, Remote PTZ	C=Cellular, Customer Installed SIM Card A=Cellular, Factory Installed AT&T SIM Card V=Cellular, Factory Installed Verizon SIM Card S=Cellular, Factory Installed Sprint SIM Card	W=Wi-Fi Networking w/ Omni-Directional Antenna E=Ethernet Networking				

*Consult LumenSafe system pages for additional details and compatibility.

SWPD5-BZ=Wavelinx Wireless Sensor, 15' - 40' Mounting Height, Bronze 19, 33, 34

RT4xx RIALTA BOLLARD

LED BOLLARDS

DIMENSIONS 8" Ø 36" to 48" TALL

LUMEN LIFE SP RANGE L70 1995 to 3820 100,000 HOURS

FIXTURE TYPE

JOB NAME

MEMO

	BUILD A PART NUMBER												
	ORDERING EXAMPLE: RT4-36-6L40TS-MDL05/BKT												
Model	Overall Height (In Inches)	LED	CCT	Distribution Type	Driver	Lens	Option Photocell	Option Fuse	Option Ground Fault Breaker	Finish			

Model

• RT4

Overall Height (In Inches)

· 36 · 42 · 48

• 261

20L

CCT - Color Temperature (K)

• 27(00) • 35(00) • 45(00)

Distribution Type

•T2 •T3 •T3R •T4 •T5

Driver

- MDL03 (120V-277V, 350mA)
- MDH03 (347V-480V, 350mA)
- MDL05 (120V-277V, 525mA)
- MDH05 (347V-480V, 525mA)

Lens

• CA (Clear Acrylic)

• SV2 (Flat Soft Vue Moderate Diffused Acrylic)

Options (Click here to view accessories sheet)

- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (480V)
- FHD¹ Double Fuse and Holder
- GFI LPIUC 15 Amp duplex GFCI receptacles with a low-profile in-use cover

¹Ships loose for installation in base.

Finish

Standard Urban Finishes (Click here to view paint finish sheet) • UGMT Gun Metal Textured

• UBT Urban Bronze Textured • UB Urban Bronze Matte • ULBT Urban Light Bronze Textured

- ULB Urban Light Bronze Matte
- USLT Urban Silver Textured
- USL Urban Silver Matte

• UGM Gun Metal Matte

- UWHT Urban White Textured
- UWH Urban White Matte
- UCHS Urban Champagne Satin Smooth
- BKT Black Textured

Custom Urban Finish²

• CM Custom Match ²Custom colors require upcharge

Specifications

General

The RT4xx bollard is a three legged, open cage, cylindrical column offered in a variety of heights. Designed to bring ambiance to any project by providing a performance lighting package in a vertical form. The 8" bollard adds a 12" high open body section that adds visual interest by illuminating from the top casting and giving the effect of moon light from within its cage form. The RT4xx uses one round LED array configuration with a choice of Clear Acrylic or SV2 lens to deliver IES types 5, 4, 3, 3R and 2 distribution with high efficiency and low wattage consumption. The Luminaire shall be UL listed in US and Canada.

LED's

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be roof mounted to minimize up-light. The LED's and printed cir-

cuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a _ (see table) delivered initial minimum lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type ____ (2, 3, 3R, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

Electronic Driver

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the bollard, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protec

See next page

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SternbergLighting ESTABLISHED 1923 / EMPLOYEE OWNED

RT4xx RIALTA BOLLARD

Performance

MODEL #	T3 DELIVERED LUMENS	EFFICACY (LPW)	T3R DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED Lumens	EFFICACY (LPW)	WATTAGE
RT436CA-26L27TMD_03	1995	64.5	2130	68.8	2160	69.7	2095	67.6	31
RT436CA-26L35TMD_03	2280	73.6	2430	78.5	2465	79.6	2390	77.1	31
RT436CA-26L45TMD_03	2560	82.6	2735	88.2	2770	89.4	2685	86.7	31
RT436CA-26L27TMD_05	2825	60.2	3010	64.0	2955	62.9	2980	63.4	47
RT436CA-26L35TMD_05	3225	68.7	3435	73.1	3375	71.8	3400	72.4	47
RT436CA-26L45TMD_05	3625	77.1	3855	82.1	3790	80.7	3820	81.3	47

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