

DESIGN REVIEW CHECKLIST

The checklist must be completed in full by the applicant prior to submission. Completed elements should be checked. Any elements that do not apply to your site or you are requesting an exception on, check the corresponding column and include notes. Items in italics are recommended actions but not required.

YES NO N/A NOTES

PARKING LOT DESIGN AND PARKING STANDARDS

C.2	No parking stall may be closer to the street than the building setback line or the building on the same parcel, whichever is farther from the street unless the applicant can demonstrate that there are no practical alternatives related specifically to the site.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C.3	All points of ingress and egress will be evaluated by the City Traffic Engineer to determine if ingress and egress should be allowed directly to the street or via an alley.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C.4	Parking areas shall be separated from primary buildings by a landscaped buffer.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.5	Minimum setback for parking stalls and drives is five (5) feet from all property lines with the exception of the alley (in order to accommodate landscaping or drainage swales). Parking for adjacent properties may be combined into continuous paved lots, eliminating the required setback at the shared property line, provided that 100% of the lost green space is replaced elsewhere on the parcel (e.g. with a 10' setback along the opposite lot line).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.6	A parking lot for more than 12 vehicles shall incorporate at least 288 square feet of planting islands at least 8 feet in width (face of curb to face of curb). Planting islands may be either parallel to parking spaces or perpendicular to the parking spaces. As parking lot size increase, and additional planting island is required at the ratio of one planting island for every 20 automobile parking spaces. No less that 5 percent of the islands shall be interior to the parking lot.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C.7	Landscaping buffers, green space, and planting islands must total a minimum of 10 percent of the lot.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.8	Buffers, setbacks, and planting islands are encouraged to be used for stormwater infiltration.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.9	All approaches, parking and vehicular circulation areas shall be paved and graded for proper stormwater management. The use of pervious pavement for stormwater infiltration is highly encouraged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.10	For structures not needing approval by the Wisconsin Department of Commerce, parking spaces shall not be less than 8.5 feet in width and 17 feet in length. The full dimensions of this rectangle must be maintained in angled parking designs. Drive aisle widths vary depending upon the angle of parking space. The following minimum standards apply and shall be consistent with requirements of the City Engineering Department adopted standards: 45 degrees – 12'10" aisle 55 degrees – 13'7" aisle 65 degrees – 15'4" aisle 75 degrees – 17'10" aisle 90 degrees – 22' aisle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.11	Where maximums on parking ratios exist, parking surfaces and drive aisles shall be permitted to be increased in size by no more than five percent (5%), provided at least twenty-five percent (25%) of the parking lot and pedestrian sidewalks consist of paving blocks (plastic or concrete honeycomb grid) planted with grass.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C.12	Parking lots shall be located on the same lot as the principal structure (unless it can be demonstrated that shared parking will be beneficial to multiple property owners and does not result in a "gap tooth" effect on a block face).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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	YES	NO	N/A	NOTES
C.13 Raised curbs, parking blocks or stops, decorative bollards and/or fences, trees and/or shrubs shall be utilized along the edge(s) of parking lots to prevent motor vehicles from parking on green space buffers, outdoor recreation space, bike parking areas, sidewalks and side and front yards. In the event the original protective measures are inadequate to preventing inappropriate parking, additional measures shall be taken.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.14a Parking lot snow storage area(s) shall be designated in the parking lot and/or green space buffers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.14b Snow storage areas shall not be located near parking lot entrances and impede driver vision.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.14c If these green space buffer(s) are no longer capable of storing snow, the property owner shall arrange for the excess snow to be removed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.14.d To the greatest extent possible, melting snow or ice should not drain over sidewalks or across neighboring properties.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.15 Light-colored and/or reflective surface coating should be considered to reduce the "heat island" effect of traditional asphalt parking lots.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.16 Environmentally-friendly paving materials and methods are encouraged, including but not limited to using recycled asphalt tires and roofing shingles as part of the mix or base.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C.17 Porous paving materials such as paving blocks with decorative gravel, or properly spaced cobbles, brick, and natural stone with grass planted in between in small clusters and methods that reduce stormwater runoff are encouraged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C.18 The off-street parking provisions for all commercial development shall be in conformance with 15.04(G). Required off-street parking space, including access drives and aisles, shall not cover more than seventy-five percent (75%) of the lot area in which such off-street parking space is permitted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PEDESTRIAN CIRCULATION				
D.2 There shall be a paved pedestrian route from the sidewalk or street to the main building entrance, and from the parking area to the nearest building entrance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D.3 Pedestrian routes shall be paved with concrete. Bituminous material shall not be allowed for pedestrian routes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D.4 Porous paving materials and methods that reduce stormwater runoff is encouraged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BUILDING MECHANICAL SERVICE ELEMENTS				
E.2 The design and location of the following items shall be indicated on building and/or site plans, illustrated with spec sheets as appropriate, and submitted with the Design Standards Checklist:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.2a utility meters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.2b building mechanicals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.2c trash and recycling containers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.2d bicycle parking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.2e outdoor seating areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.2f solar and wind facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
E.2g dish antennas (not permitted to hang off the side of buildings)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
E.2h transformers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.2i back-up generators	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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		YES	NO	N/A	NOTES
E.3	Service areas, utility meters, and building mechanicals shall not be located on the street side of the building, nor on the side wall closer than 10 feet to the street side of the building. The location of emergency back-up generators and transformers shall be coordinated between the City, developer and the utility company. Screening of meters, generators, transformers, and mechanicals is required when visible from the street with an approved screen device. Screening materials shall match building materials. Cable, conduit and phone line shall not be visible on the exterior with the exception of conduit running directly to the meter/utility boxes at the time of initial occupancy. Mailboxes are permitted within 10 feet of the front of the building if not visible from the street.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.4	Trash and recycling containers, including cans and dumpsters, shall have covers and be screened so as not to be visible from the street or from neighboring properties. Screening shall be one foot higher than the container but no higher than six feet; however, roofed enclosures may exceed this limit.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.5	If a building owner chooses to provide a trash receptacle and/or a smoking materials receptacle, the receptacle(s) shall be decorative if located at the entrance that faces a public street. These receptacles shall be screened from view and/or designed to fit with the architecture and materials of the building.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.6a	High energy gas appliances shall have the air intakes and exhaust vents located on the sides or rear of the building where they do not interfere with any sidewalks, are not likely to be blocked or damaged by pedestrian traffic, snow or the removal of snow, and away from any trees or shrubs that would be harmed by the exhaust heat and gases.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.6b	Window-mounted air conditioners shall not be permitted.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
E.6c	PTAC air conditioner/heat pump units must be designed into the architecture of the building.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
E.6d	If heat pumps or air conditioners are located on the ground, they shall be on one side or the rear of the building and screened with evergreens or decorative screening that matches or complements the exterior siding of the building, such that proper clearances are maintained for the manufacturer's warranty.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
E.6e	If heat pumps or air conditioners are located on the roof, they shall be placed, painted and/or screened so as to minimize the visual impact to the street.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.7a	Bicycle parking using bike racks specifically designed for bike parking shall be provided at one (1) space per 10 automobile parking spaces or one (1) space per 20 employees, whichever is greater, and should be located near building entries, shall not interfere with pedestrian circulation, and shall be well-lit. Bikes are not permitted to be stored, locked or chained on decks, patios, fences or any other exterior location other than a bike rack specifically designed for bike parking.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.7b	Bicycle parking (to accommodate four bicycles) shall be nominally at least nine (9) by six (6) feet or fifty-four (54) square feet and increase by the same ratio to accommodate the number of bike spaces.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E.7c	The base for bike racks should be concrete to ensure their stability; however, the remaining bicycle parking area shall be porous paving materials (paving blocks with decorative gravel or wood mulch, or properly spaced cobbles, brick, and natural stone with grass planted in between in small clusters) to reduce stormwater runoff but shall not result in standing water. If an area for bike parking is designed using these standards, then up to 100 percent of the space taken for the bike parking shall count as green space.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

DESIGN REVIEW CHECKLIST

LANDSCAPING OPEN SPACE & PLANTINGS		YES	NO	N/A	NOTES
F.2	A landscape design and planting plan shall be prepared and submitted for all buildings. Landscape plans for developments shall be prepared and signed by a Landscape Architect, nurseryman, or professional site planner with educational training or work experience in land analysis and site plan preparation prior to submittal to the City.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.2a	No building permit shall be issued until the required landscaping plan has been submitted and approved, and no certificate of occupancy shall be issued until the landscaping is completed as certified by an on-site inspection by the Building Inspector, Planning Staff, or other designated official, unless a financial guarantee acceptable to the City has been submitted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.2b	Landscape surety. The owner shall provide the City with a cash deposit, bond, or approved letter of credit to guarantee the proper installation and growth of all landscape improvements proposed in the approved landscape plan. Said surety may remain in effect for two full growing seasons. A growing season shall be considered a period from May 1 to September 30. The first year, the amount of the surety will be equal to 100% of the estimated cost of plant material, installation and tree preservation. Once installation has been completed per the approved landscape plan and verified by the City, 75% of the surety will be reimbursed back to the owner. The remaining 25% will be kept by the City for a period of twelve (12) months to cover any maintenance cost that may be needed. Such surety shall be filed with the City Finance Officer.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.2c	The City may allow an extended period of time for completion of all landscaping if the delay is due to conditions which are reasonably beyond the control of the developer. Extensions may not exceed nine months, and extensions may be granted due to seasonal weather conditions. When an extension is granted, the City may require such additional security and conditions as it deems necessary.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.3a	The plan shall address all parts of the parcel and shall indicate: Details of all proposed vegetative landscaping materials, including placement, common and botanical names, caliper/height or container size and quantity and maintenance requirements.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.3b	Details of proposed non-vegetative landscaping and screening materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.3c	Planting and construction schedule for completion of landscaping and screening plans.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.3d	Estimated cost from a landscaper on a bid or estimate form of the proposed landscaping.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.4	All portions of the site not covered by buildings, paving material, or other planned and approved surfaces shall be considered "landscaped area" and shall have a minimum of 4 inches of top soil and be planted with living plant materials and/or mulches. Overall site landscaping shall include not less than:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.4a	One tree placed in the boulevard per 40 linear feet of lot frontage;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.4b	Not less than two trees and eight shrubs per 600 square feet of landscaped area. These are minimum standards – more plantings are encouraged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.5	All plant material used shall meet the minimum standards established by the American Association of Nurserymen as published in the American Standards for Nursery Stock and shall meet the following minimum requirements:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.5a	Deciduous trees: 2" dbh (diameter at breast height)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.5b	Ornamental trees: 2" dbh	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.5c	Evergreen trees: 5' height	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.5d	Shrubs: 5 gallon container	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.5e	Vines and Perennials: 1 gallon container	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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F.6	Boulevard trees will be installed by the City Forester at City expense if the developer attends City tree school. If the developer installs boulevard trees they shall conform to City street standards. A complete list of trees and shrubs and other reliable plant material that has been approved by the City Forester is available in the City Planning and Development Department.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.7	Existing healthy trees should be preserved to the greatest extent practicable and shall be indicated on grading and landscape plans submitted for plan review; however, invasive trees shall be removed. Existing damaged, decayed, or diseased trees should be removed to protect remaining trees. Construction near existing trees should follow Best Management Practices to ensure their survival.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.8	Landscaping should reinforce pedestrian circulation routes and obstruct undesired routes of convenience. Bushes, trees, rocks, and other landscape features should be used to indicate where pedestrians should and should not travel.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.9a	Provide a five (5) to six (6) foot high solid screen to separate parking lots from abutting residential uses or other non-compatible uses. A solid landscape screen is defined as an evergreen or nearly evergreen mixture (minimum of 65% evergreen) of shrubs, bushes, or trees that produce a dense, sight-obscuring screen at least five (5) to six (6) feet in height within three years of planting. Berms may be included in this definition as long as the maximum height of the berm is five feet; both sides of the berm are planted with evergreen or nearly evergreen shrubs or bushes so that the total height of landscaping and berm will be at least six feet within three years of planting; and top of the berm plantings form a dense, sight-obscuring screen within the same three-year period.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.9b	Provide a minimum three (3) foot high visual relief screen when adjacent to a street in the form of a hedge, fence, planter, berm, dividers, shrubbery and trees or any combination. The visual relief screen shall extend the length of the parking lot. Three (3) feet in height shall be measured from surface of the parking lot and may be negotiable depending on the elevation of the parking lot in relation to the sidewalk and/or street. All landscaping to form such a visual relief shall be a minimum height of 2 feet at time of planting. Bark or other loose material shall not be placed on berms in these areas since it may be displaced on the street or sidewalk.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
F.10a	The property owner shall be responsible for maintenance and replacement of trees, shrubs, grass, ground covers, loose bark or gravel, and sod which are part of the approved landscape plan. If any such plant materials are not maintained or replaced, the City may utilize the required surety to replace the newly planted or protected landscaping or to deem this to be a Municipal Code Violation and issue an Order to Correct.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.10b	The owner is responsible for keeping trees in a plumb position. When staking or securing trees is done, it shall occur so as not to create any hazards or unsightly obstacles.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.10c	Plants must be maintained to be kept in sound, healthy and vigorous growing conditions and free of disease, insect eggs and larvae.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F.10d	A sprinkler or lawn irrigation system shall be required in the front yard and boulevard of all developments if lawn or sod is proposed. This standard does not apply to boulevards if sprinkler or lawn irrigation systems are not needed for the front yard.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

WALLS AND FENCES

G.2	Walls and fences located in the front yard setback shall not exceed six feet in height above the finished grade and shall be at least 50% transparent to retain the visual connection between street and building.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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	YES	NO	N/A	NOTES	
G.3	The design and materials for walls and fences shall be coordinated with the design and materials of the principal buildings and should have substantially the same detail. This is not intended to require identical materials and design.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G.3a	Pressure treated lumber fences shall not be permitted unless stained or painted.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G.3b	All chain link fences must be plastic coated and shall only be permitted in side yards and backyard, and shall not extend nearer to the street than the front of the building nor used in the side yard on a corner property.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G.3c	Smooth faced concrete (CMV) blocks or non-architectural poured walls used to construct a wall shall be covered with brick or some other decorative block or dimensional material such as a stained block product. Painted or colored smooth-faced concrete bricks or blocks shall not be considered decorative block.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G.4	Walls and fences shall provide variety and articulation at each end and at intervals not exceeding 25 feet through at least one of the following methods: Changes in plane of not less than one (1) foot; Expression of structure, such as post, column, or pilaster; Variation of material; or Landscaping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

STORMWATER INFILTRATION AND CONTROL

H.2	A stormwater management and erosion control plan shall be required for all new construction, shall be coordinated with the Landscaping and Open Space Plan, and shall be designed by either a Registered Architect, Landscape Architect or a Professional Civil Engineer in accordance with the City of La Crosse's Stormwater Management Ordinance and shall include a maintenance plan and agreement.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H.2a	Until such time as the City adopts a stormwater management ordinance, the City shall use the La Crosse County Stormwater Management Ordinance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H.2b	For parcels less than ¼ acre in size, the City shall work with the property owner/developer/applicant to develop a practical site-specific stormwater management plan that allows for flexibility in the use of stormwater treatment devices including rain barrels, rain gardens, swales, cisterns, drain tiles, soil amendments, porous pavements, grass pavers for overflow parking areas, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H.3	The use of bio-cells, living roofs and rain gardens is encouraged due to their aesthetic as well as utilitarian benefits.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H.4	Newly concentrated stormwater, such as that from rooftop, impervious surface, or swales, shall not be directed onto or across adjacent properties or across sidewalks. Rooftop stormwater shall not be discharged within 5 feet of a sidewalk unless an intervening landscape element is used to promote infiltration, such as a rain garden.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H.5	Stormwater detention and infiltration facilities shall be designed as visual and open space amenities that enhance the overall appearance of the site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EXTERIOR LIGHTING

I.2	All exterior lights shall be designed for commercial use. A lighting plan showing lighting levels on-site and at the property line as well as spec sheets with pictures must be submitted with the Design Standards Checklist for each exterior light to be used.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.3	Pedestrian lighting shall clearly indicate the path of travel, shall minimize dark spots along that path, and shall utilize coordinated light fixtures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.4	The maximum height of wall-mounted parking lot light fixtures shall be 16 feet above the ground. Pole-mounted fixtures are acceptable but not required and will have a maximum height of 30 feet from the ground to the top of the fixture. Fixtures shall be of full-cut-off (FCO) design to minimize glare and spillover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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I.5	Ornamental lighting to light the building façade is permitted provided that the light source is not visible from the property line and is designed to minimize glare and spillover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.6	No overhead light source (i.e., the lamp or reflector) shall be visible from the property line. Shields may be employed, if necessary, to meet this requirement. The maximum allowable luminance measured 25 feet beyond the property line shall be .05 horizontal foot-candles (HFC).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.7	Lighting levels for parking lots and pedestrian routes: (horizontal luminance measured in foot-candles):	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.7a	Average: 2.4 foot-candles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.7b	Minimum: 1.0 foot-candles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.7c	Uniformity Ratio (Bright spots to dark spots): 4:1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.7d	Maximum Average: .5 foot-candles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.8	Each exterior entry to structures on the property shall have an exterior light.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I.9	For properties adjacent to residential uses, motion sensor flood or spot lights shall have shrouds, be limited to two (2) bulbs pointed at least thirty degrees downward and not directly into windows or doors of neighboring building and the light sources shall not be visible from the street.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

PATIOS, PORCHES, DECKS, AND ROOFTOP GARDENS/DECKS

J.2	Every residential unit is encouraged to have its own patio or balcony and shall be incorporated into the architectural façade of the building and may encroach into the building setback area but not more than 25%. Commercial structures are also permitted to have exterior balconies. No patio or balcony can hang over a sidewalk.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
J.3	For commercial developments, ground level patios or decks for customer seating are permitted in the setback areas and should include some screening for noise.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
J.4	Exterior stairs leading to a deck or balcony are permitted provided that they are decorative and are architecturally compatible with the building and constructed of compatible materials. Exterior corridors visible from a street are not permitted.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
J.5	Rooftop green roofs or rooftop patios and decks are permitted and if intended for occupied use shall have a railing height or parapet of at least 42 inches. Only outdoor furniture is permitted.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

BUILDING DESIGN: FORM, SCALE AND CONTEXT

K.2	Photos of at least four (4) street views of nearby blocks shall be submitted with the Design Standards checklist.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.3	Buildings shall be designed to provide human scale, interest, and variety. The following techniques may be used to meet this objective:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.3a	Variation in the building form such as recessed or projecting bays, shifts in massing, or distinct roof shapes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.3b	Emphasis of building entries through projecting or recessed forms, detail, color, or materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.3c	Variation of material, modules, expressed joints and details, surface relief, color, and texture to break up large building forms and wall surfaces. Such detailing could include sills, headers, belt courses, reveals, pilasters, window bays, and similar features.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.4	For all non-manufacturing or retail buildings, where the allowable building is more than 50% wider than adjacent buildings, one of the following techniques shall be employed to minimize the apparent width of the primary façade:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.4a	Articulate the façade with projections or bays.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.4b	Use architectural elements such as column, canopies, glass, changes in materials, and covered entries to interrupt the façade.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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		YES	NO	N/A	NOTES
K.5	The first floor façade shall include windows to provide visual interest and visual connection to the street. The total area of windows and doors on the street-facing façade, including trim, shall not be less than 20% of the total area of the façade, excluding gables.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.6	Buildings shall be built to the front yard setback line. In highway commercial areas, the building setback shall not be greater than 25 feet and no parking is permitted in the front yard setback area.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
K.7	Commercial buildings within Historic Districts or adjacent to any designated historic building must first receive DRC review and approval prior to submittal to the Heritage Preservation Commission for their review. Approval by the Heritage Preservation Commission is necessary prior to the issuance of any building permit. The developer can appeal to the City Plan commission if denied by the Heritage Preservation Commission.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

BUILDING ENTRANCES, DETAILS, TRIM, DOORS AND WINDOWS

L.2	The primary entrance to the building shall be covered at least three (3) feet from the door. Entrance features may encroach into the front yard setback a maximum of three (3) feet. Building entrances shall be emphasized through projecting or recessing forms, detail, color or materials. Buildings shall be oriented toward the street with pedestrian access.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
L.3	All openings shall be articulated or appropriately trimmed through the use of materials such as flat or arched lintels, projecting sills, or surrounds.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
L.4a	All windows shall be in keeping with the architectural character of the building.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
L.4b	All windows shall have an interior locking or securing mechanism.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
L.4c	For mixed used developments that include residential units, exterior entry doors for individual units shall be residential in style (real or decorative styles, rails or panels) solid or insulated or multiple units may be commercial in style (glass). If the door does not have a translucent window lower than five (5) feet, it shall have a security peephole.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ROOFS AND ROOF LINES

M.2	Any roof style such as hip, gambrel, mansard, colonial, flat or another roof style is permitted so long as the roof pitch is appropriate to the architectural style of the building (e.g. prairie school) and the roof element contains additional architectural elements such as dormers, long overhangs, windows or other feature.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
M.3	Flat roofs are permitted, and must incorporate a parapet wall on all sides, unless the rear side of the building is sloped for drainage. The parapet should include architectural details appropriate to the building design that create a positive visual termination for the building (a “top”).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
M.4	A minimum of 50% of a building’s linear roof drip edge should fall to ground surfaces that do not contain impervious surface. If gutters or other stormwater drains toward neighboring properties, then water shall be directed to an onsite rain garden(s) designed to retain a 0.5 inch-1hr rainfall. For information regarding directing clean roof water to rain gardens, the Wisconsin DNR and UW-Extension have extensive publications on the proper calculation for the size and planting materials for rain gardens in Wisconsin.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

EXTERIOR MATERIALS

N.2	The use of identical materials on all sides of the building is encouraged; however, higher-quality materials on street-facing façade and complementary materials on other façade is acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
N.3	Use of decorative accessories and trim is highly encouraged.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

DESIGN REVIEW CHECKLIST

		YES	NO	N/A	NOTES
N.4	Vinyl, plywood, chipboard, T1-11, asphalt siding, non-architectural metal siding and smooth-faced concrete block are prohibited as exterior finish materials unless the architect can demonstrate that the materials are appropriate to the design of the building. Treated wood shall be painted or stained.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
N.5	Natural wood shall be painted or stained, unless it is cedar, redwood or some other naturally weather resistant species and is intended to be exposed.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
N.6a	Since the selection of building colors has a significant aesthetic and visual impact upon the public and neighboring properties, as well as an impact on the energy use and comfort of customers and tenants, designs and color shall be selected in general harmony with the overall existing neighborhood.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
N.6b	Neutral or natural colors for the primary siding material with brighter or darker colors for accent and trim that provide for a more interesting building and are cooler in the summer are preferred.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
N.6c	Complementary multi-color and textured roofing materials that provide for a more interesting building and are cooler in the summer are preferred.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LIGHT COLORED MEMBRANE ROOFING IS USED.
GARAGES AND ACCESSORY BUILDINGS					
O.2	Street-facing overhead doors on garages are not permitted on lots served by an alley.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
O.3	The cumulative length of all garage doors facing the street shall not exceed 50% of the total length of the street-facing elevation unless architecturally justified.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
O.4	Accessory buildings shall be architecturally compatible and be constructed of the same materials as the primary building(s). All changes to the approved plans such as the addition of an accessory structure shall be approved by the Design Review Committee if not submitted at the time of initial review.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BUILDING CONSTRUCTION					
P.2	A completed LEED checklist must be submitted with the Design Standards checklist to demonstrate compliance with the standard.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BUILDING, PROPERTY AND LANDSCAPING MAINTENANCE					
Q.2	All commercial structures and buildings that are developed and constructed under this ordinance shall maintain the property through an ongoing maintenance program. The maintenance program is to include all exterior aspects of the development and include but is not limited to parking lots, building mechanicals, service elements, customer and tenant amenities, landscaping open space and plantings, wall and fences, signage, stormwater facilities, exterior lighting, patios and decks, exterior finishes, windows, architectural detail, and accessory structures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Q.3	The project shall be maintained over the life of the development in a like-new condition with an on-going maintenance program that adheres to the intent of the original building plans and is subject to inspection by the City at anytime. Failure to maintain the project may subject the property to fines as permitted under this Chapter and the City of La Crosse Stormwater Management Ordinance. (#4513-7/9/09)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

NEIGHBORHOOD PHOTOS



1300 Block of Market Street Looking East from 13th Street

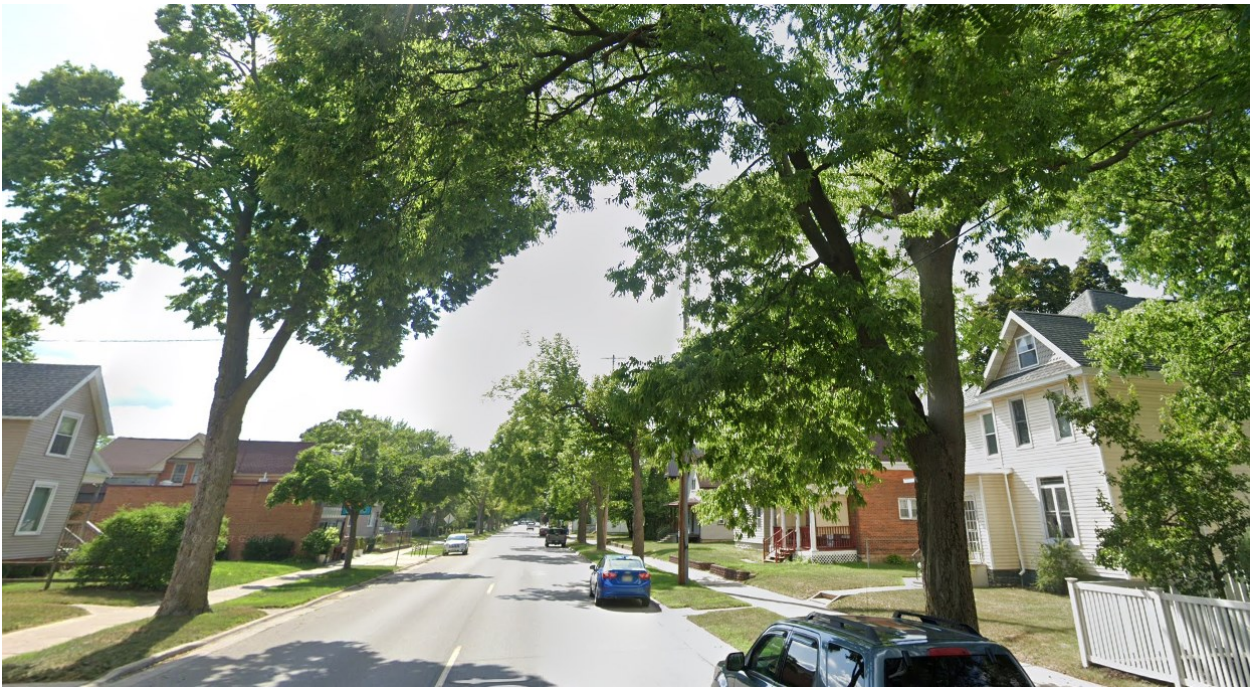


1400 Block of Market Street Looking West from 15th Street

NEIGHBORHOOD PHOTOS



1500 Block of Market Street Looking East from 15th Street



1500 Block of Market Street Looking West from 16th Street

NEIGHBORHOOD PHOTOS



1513 Market Street and Adjacent Properties (buildings at 1513 have been razed)



1500 Block of Market Street looking South

NEIGHBORHOOD PHOTOS



1600 Block of Market Street Looking Southwest



1700 Block of Market Street looking Southeast



LEED v4.1 BD+C
Project Checklist

Project Name: New Bakery / Sandwich Shop and Residence, La Crosse, WI
Date: 3/3/2025

Y ? N

6	0	0	Credit	Integrative Process	1
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6	0	0	Location and Transportation		16
		0	Credit	LEED for Neighborhood Development Location	16
		0	Credit	Sensitive Land Protection	1
		0	Credit	High Priority Site	2
		0	Credit	Surrounding Density and Diverse Uses	5
5			Credit	Access to Quality Transit	5
1			Credit	Bicycle Facilities	1
		0	Credit	Reduced Parking Footprint	1
		0	Credit	Electrified Vehicles	1

5	0	0	Sustainable Sites		10
Y			Prereq	Construction Activity Pollution Prevention	Required
		0	Credit	Site Assessment	1
		0	Credit	Protect or Restore Habitat	2
		0	Credit	Open Space	1
3			Credit	Rainwater Management	3
1			Credit	Heat Island Reduction	2
1			Credit	Light Pollution Reduction	1

2	0	0	Water Efficiency		11
Y			Prereq	Outdoor Water Use Reduction	Required
Y			Prereq	Indoor Water Use Reduction	Required
Y			Prereq	Building-Level Water Metering	Required
2			Credit	Outdoor Water Use Reduction	2
		0	Credit	Indoor Water Use Reduction	6
		0	Credit	Cooling Tower Water Use	2
		0	Credit	Water Metering	1

0	0	0	Energy and Atmosphere		33
Y			Prereq	Fundamental Commissioning and Verification	Required
Y			Prereq	Minimum Energy Performance	Required
Y			Prereq	Building-Level Energy Metering	Required
Y			Prereq	Fundamental Refrigerant Management	Required
		0	Credit	Enhanced Commissioning	6
		0	Credit	Optimize Energy Performance	18
		0	Credit	Advanced Energy Metering	1
		0	Credit	Grid Harmonization	2
		0	Credit	Renewable Energy	5
		0	Credit	Enhanced Refrigerant Management	1

0	0	0	Materials and Resources		13
Y			Prereq	Storage and Collection of Recyclables	Required
Y			Prereq	Construction and Demolition Waste Management Planning	Required
		0	Credit	Building Life-Cycle Impact Reduction	5
		0	Credit	Building Product Disclosure and Optimization - Environmental Product Declarations	2
		0	Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2
		0	Credit	Building Product Disclosure and Optimization - Material Ingredients	2
		0	Credit	Construction and Demolition Waste Management	2

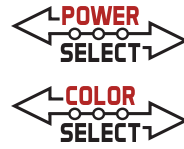
6	0	0	Indoor Environmental Quality		16
Y			Prereq	Minimum Indoor Air Quality Performance	Required
Y			Prereq	Environmental Tobacco Smoke Control	Required
		0	Credit	Enhanced Indoor Air Quality Strategies	2
		0	Credit	Low-Emitting Materials	3
		0	Credit	Construction Indoor Air Quality Management Plan	1
		0	Credit	Indoor Air Quality Assessment	2
1			Credit	Thermal Comfort	1
2			Credit	Interior Lighting	2
3			Credit	Daylight	3
		0	Credit	Quality Views	1
		0	Credit	Acoustic Performance	1

0	0	0	Innovation		6
		0	Credit	Innovation	5
		0	Credit	LEED Accredited Professional	1

0	0	0	Regional Priority		4
		0	Credit	Regional Priority: Specific Credit	1
		0	Credit	Regional Priority: Specific Credit	1
		0	Credit	Regional Priority: Specific Credit	1
		0	Credit	Regional Priority: Specific Credit	1

19	0	0	TOTALS	Possible Points:	110
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Gold: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80



KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

DESCRIPTION

5" / 6" Downlight Retrofit Trim | Power Select Technology | Color Select Technology | Quick-Disconnect E26 Base

APPLICATION

Ideal for residential, hospitality, retail, and other retrofit and new construction applications

fixtures occur at garage soffit and ceiling below balcony



**Black Trim Options Coming Soon*

PRODUCT FEATURES

- Keystone Power Select technology (See Performance Specifications for details)
- Keystone Color Select technology (2700/3000/3500/4000/5000K)
- Includes quick-disconnect E26 base adaptor for easy, screw-in install
- Improved aesthetics vs legacy trims
- Ideal for retrofit and remodel applications
- Smooth and baffled trims available
- Diffused lens for visual comfort and reduced glare
- Smooth, uniform dimming
- Suitable for use in wet locations
- Suitable for use in 5" / 6" recessed cans
- PF > 0.98
- Operating temperature range: -4°F/-20°C to 95°F/35°C
- ETL Classified Luminaire
- ETL Classified Retrofit Kit
- T20/T24/JA8 compliant
- Complies with Part 15 of FCC

PRODUCT IMAGES



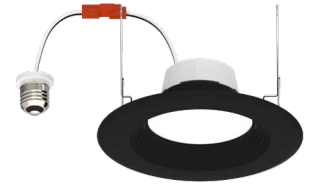
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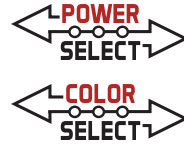
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KT-LED14PSRD-6CB-9CSF-DIM



KT-LED14PSRD-6CB-9CSF-DIM-B



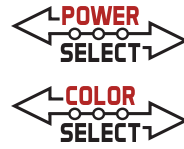
KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

PERFORMANCE SPECIFICATIONS - WHITE TRIM COLOR

Catalog Number	Input Voltage	Wattage (Selectable)	CCT (Selectable)*	Lumen Output	Efficacy	CRI	Power Factor	Beam Angle	Style
KT-LED14PSRD-6C-9CSF-DIM	120V	14W	2700K	1300	93 lm/W	> 90	> 0.9	90°	Smooth
			3000K	1330	95 lm/W				
			3500K	1380	99 lm/W				
			4000K	1380	99 lm/W				
			5000K	1330	95 lm/W				
		10W	2700K	1050	105 lm/W				
			3000K	1080	108 lm/W				
			3500K	1110	111 lm/W				
			4000K	1110	111 lm/W				
			5000K	1080	108 lm/W				
		8W	2700K	750	94 lm/W				
			3000K	770	96 lm/W				
			3500K	790	99 lm/W				
			4000K	790	99 lm/W				
			5000K	770	96 lm/W				
KT-LED14PSRD-6CB-9CSF-DIM	120V	14W	2700K	1300	93 lm/W	> 80	> 0.9	90°	Baffled
			3000K	1330	95 lm/W				
			3500K	1380	99 lm/W				
			4000K	1380	99 lm/W				
			5000K	1330	95 lm/W				
		10W	2700K	1050	105 lm/W				
			3000K	1080	108 lm/W				
			3500K	1110	111 lm/W				
			4000K	1110	111 lm/W				
			5000K	1080	108 lm/W				
		8W	2700K	750	94 lm/W				
			3000K	770	96 lm/W				
			3500K	790	99 lm/W				
			4000K	790	99 lm/W				
			5000K	770	96 lm/W				

* Preset to lowest CCT: 2700K
 Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017



KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

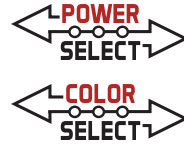
PERFORMANCE SPECIFICATIONS - BLACK TRIM COLOR

**Black Trim Options Coming Soon*

Catalog Number	Input Voltage	Wattage (Selectable)	CCT (Selectable)*	Lumen Output	Efficacy	CRI	Power Factor	Beam Angle	Style
KT-LED14PSRD-6C-9CSF-DIM-B	120V	14W	2700K	1220	87 lm/W	> 90	> 0.9	90°	Smooth
			3000K	1240	89 lm/W				
			3500K	1260	90 lm/W				
			4000K	1260	90 lm/W				
			5000K	1240	89 lm/W				
		10W	2700K	920	92 lm/W				
			3000K	940	94 lm/W				
			3500K	960	96 lm/W				
			4000K	960	96 lm/W				
			5000K	940	94 lm/W				
		8W	2700K	760	95 lm/W				
			3000K	780	98 lm/W				
			3500K	800	100 lm/W				
			4000K	800	100 lm/W				
			5000K	780	98 lm/W				
KT-LED14PSRD-6CB-9CSF-DIM-B	120V	14W	2700K	1200	86 lm/W	> 80	> 0.9	90°	Baffled
			3000K	1220	87 lm/W				
			3500K	1240	89 lm/W				
			4000K	1240	89 lm/W				
			5000K	1220	87 lm/W				
		10W	2700K	900	90 lm/W				
			3000K	920	92 lm/W				
			3500K	940	94 lm/W				
			4000K	940	94 lm/W				
			5000K	920	92 lm/W				
		8W	2700K	750	94 lm/W				
			3000K	770	96 lm/W				
			3500K	790	99 lm/W				
			4000K	790	99 lm/W				
			5000K	770	96 lm/W				

* Preset to lowest CCT: 2700K

Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017



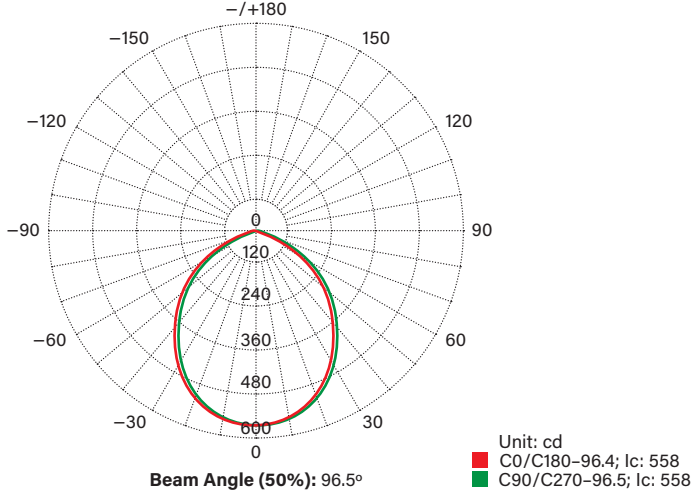
KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

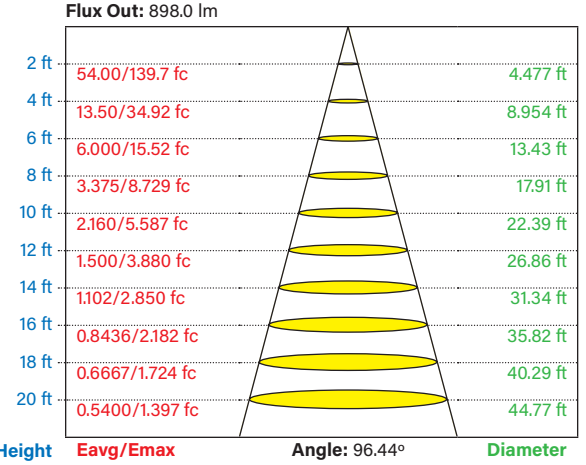
PHOTOMETRIC SPECIFICATIONS

KT-LED14PSRD-6C-9CSF-DIM

POLAR CANDELA DISTRIBUTION



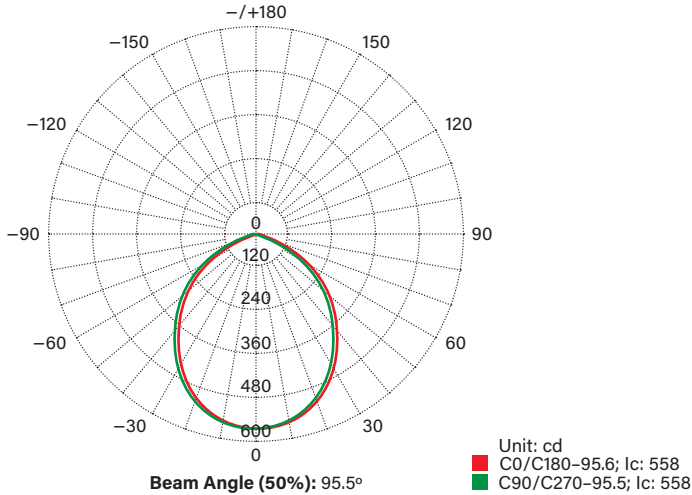
LUX DISTANCE CURVE



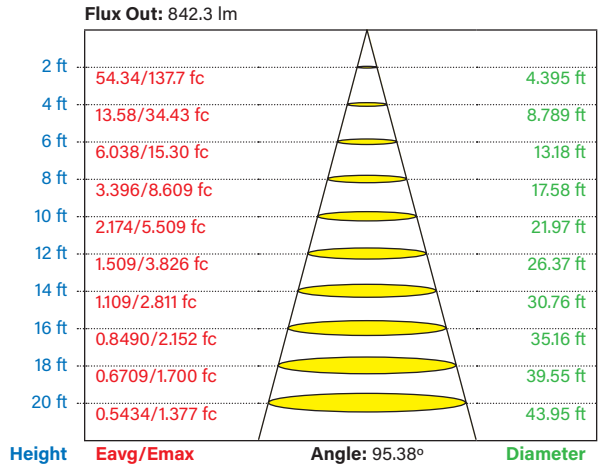
Curves show illuminated area and average illumination when lamp is at various distances.

KT-LED14PSRD-6CB-9CSF-DIM

POLAR CANDELA DISTRIBUTION

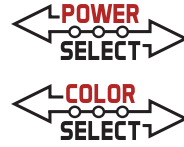


LUX DISTANCE CURVE



Curves show illuminated area and average illumination when lamp is at various distances.

(Photometric Specifications continued on next page)

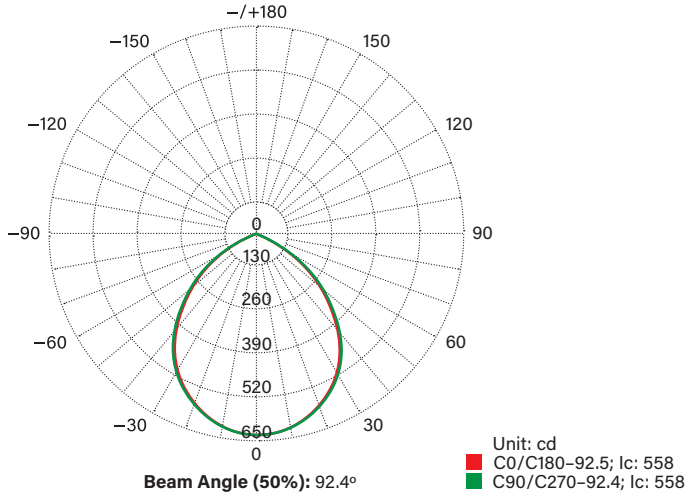


KT-LED14PSRD-6XX-9CSF-DIM-X

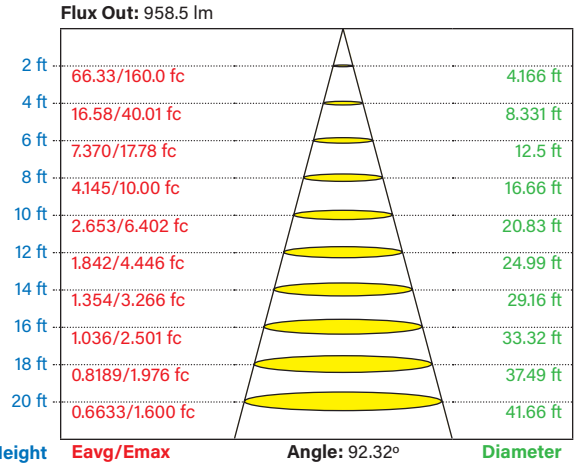
5" / 6" DOWNLIGHT RETROFIT TRIM

PHOTOMETRIC SPECIFICATIONS (CONTINUED)

KT-LED14PSRD-6C-9CSF-DIM-B
POLAR CANDELA DISTRIBUTION

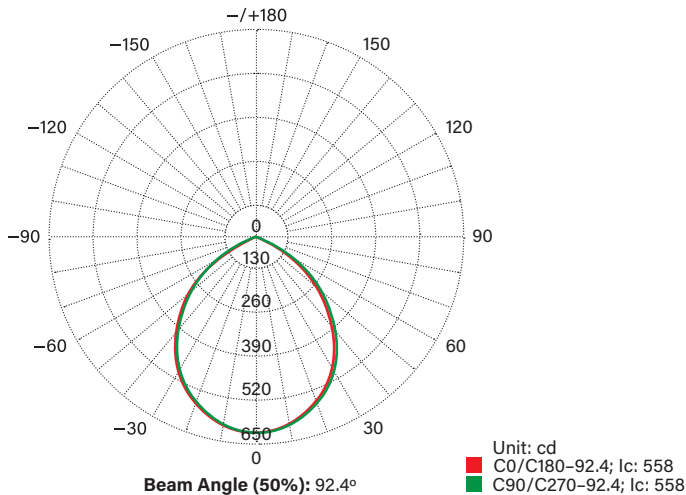


LUX DISTANCE CURVE

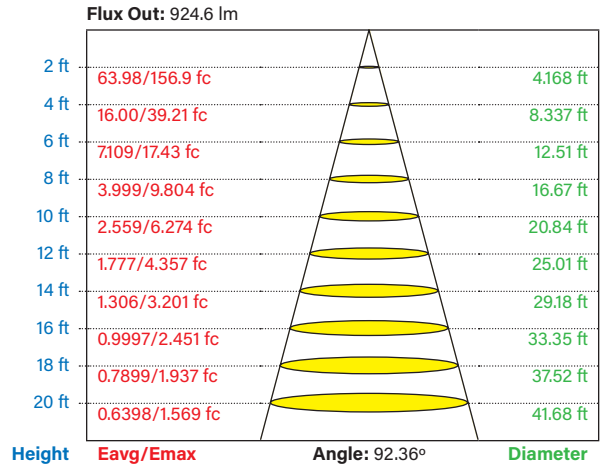


Curves show illuminated area and average illumination when lamp is at various distances.

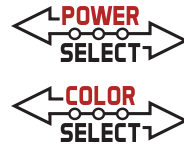
KT-LED14PSRD-6CB-9CSF-DIM-B
POLAR CANDELA DISTRIBUTION



LUX DISTANCE CURVE



Curves show illuminated area and average illumination when lamp is at various distances.

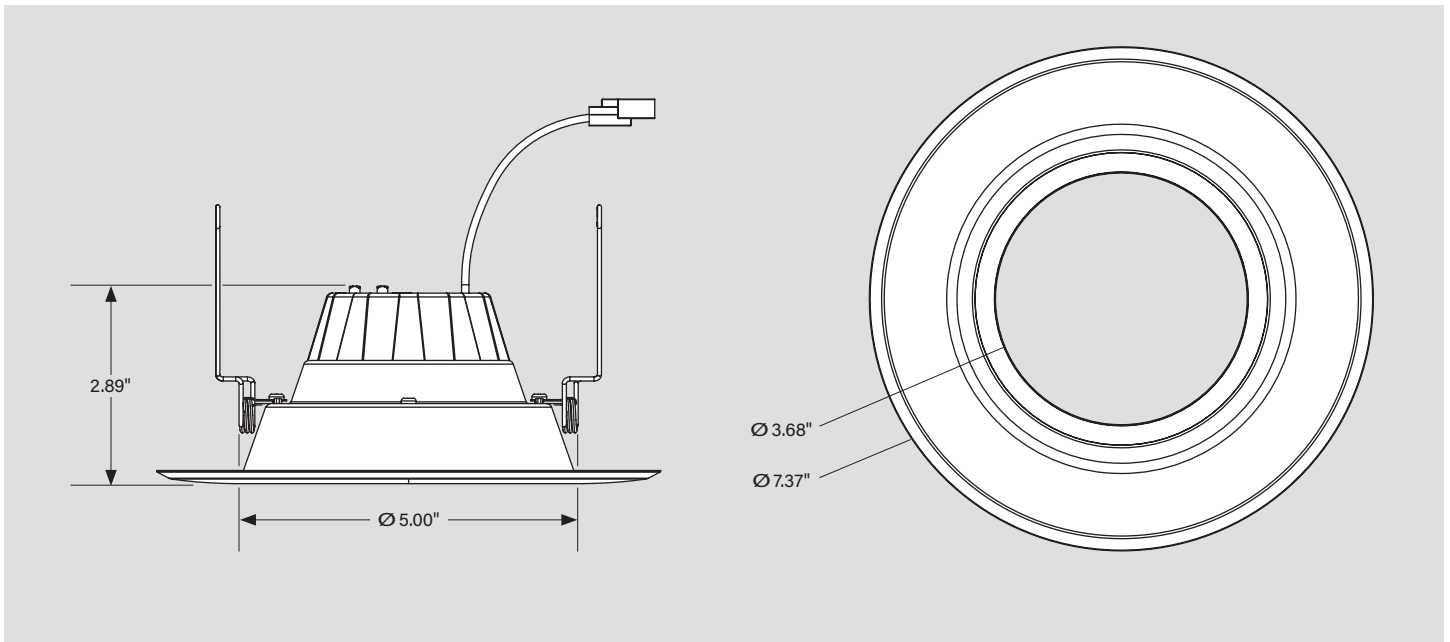


KT-LED14PSRD-6XX-9CSF-DIM-X

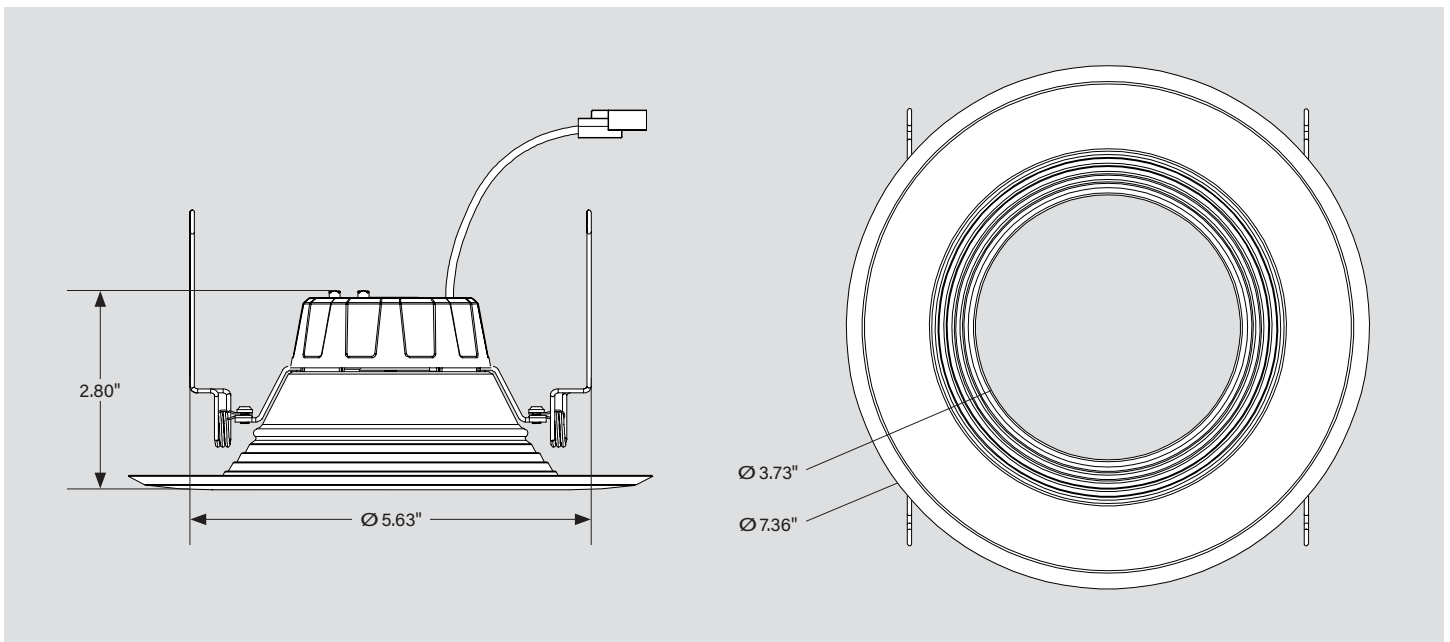
5" / 6" DOWNLIGHT RETROFIT TRIM

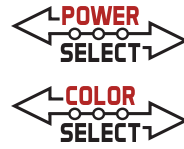
PHYSICAL SPECIFICATIONS

KT-LED14PSRD-6C-9CSF-DIM-X (SMOOTH)



KT-LED14PSRD-6CB-9CSF-DIM-X (BAFFLED)





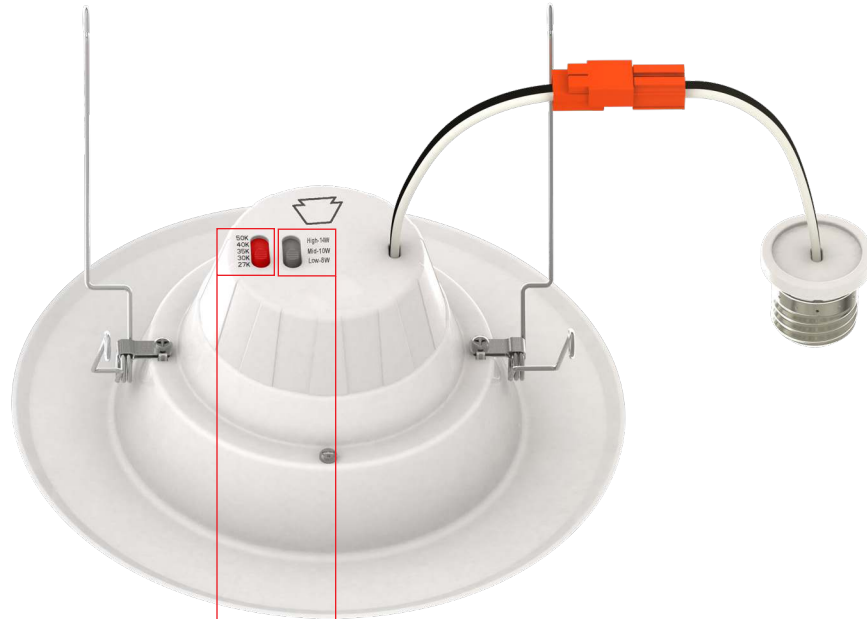
KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with field-adjustable Keystone Power Select and Color Select technology.

1. Ensure power is off to the fixture.
2. Adjust dip switches to desired settings.



COLOR SELECT ADJUSTMENT SWITCH
 Set dip switch to adjust CCT between 2700K, 3000K, 3500K, 4000K, and 5000K. Fixture comes preset at 2700K.

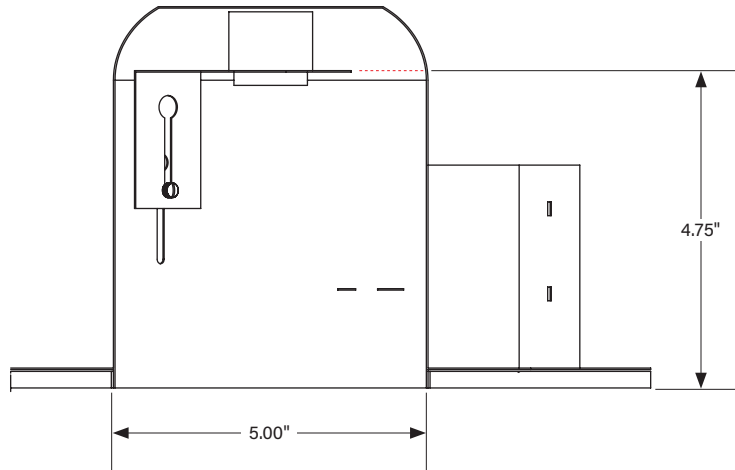
POWER SELECT ADJUSTMENT SWITCH
 Set dip switch to adjust wattage between 8W, 10W, and 14W. Fixture comes preset at 14W.

KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

INSTALLATION INSTRUCTIONS

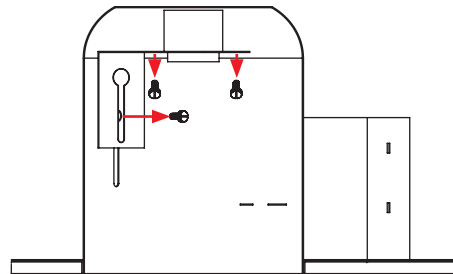
The existing luminaire housing must be equal to or larger than over-all inner dimensions illustrated below.



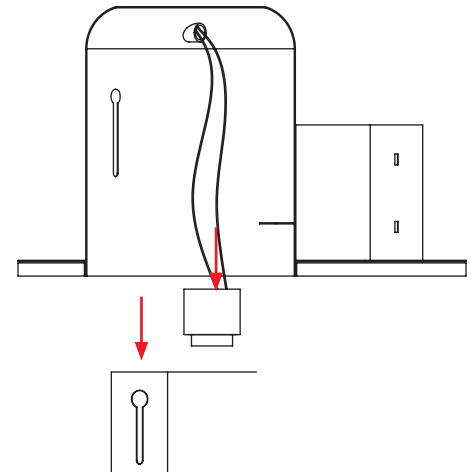
- 1. Shut off power at the source of the recessed housing into which you are installing fixture.** Remove existing trim and CFL or incandescent bulb.

Note: Follow all federal and local regulations when disposing of lamps and removed components.

- 2. Unscrew the screws on socket bracket; push bracket upward to the top.**



- 3. Remove existing socket mounting plate from the housing, then remove lamp socket from the plate.**

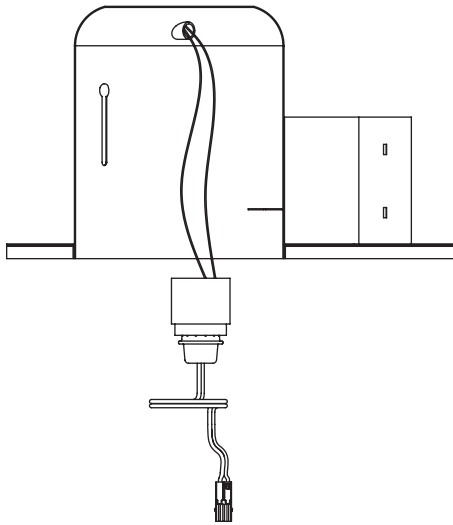


(Installation Instructions continued on next page)

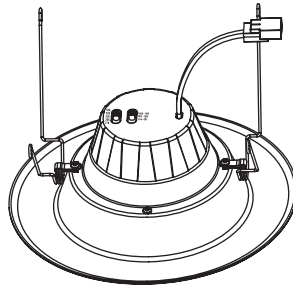
KT-LED14PSRD-6XX-9CSF-DIM-X
5" / 6" DOWNLIGHT RETROFIT TRIM

INSTALLATION INSTRUCTIONS (CONTINUED)

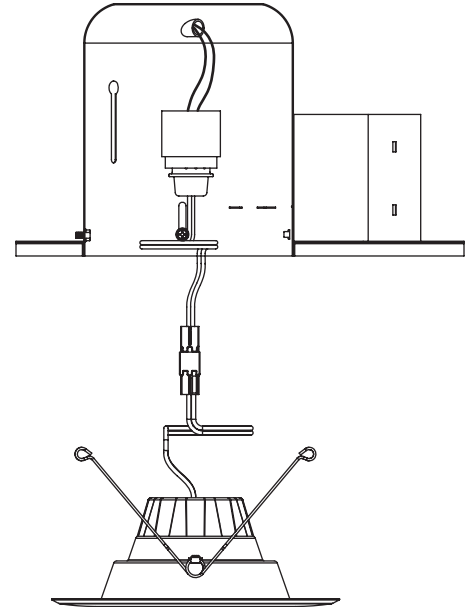
4. Screw E26 adaptor into the socket.



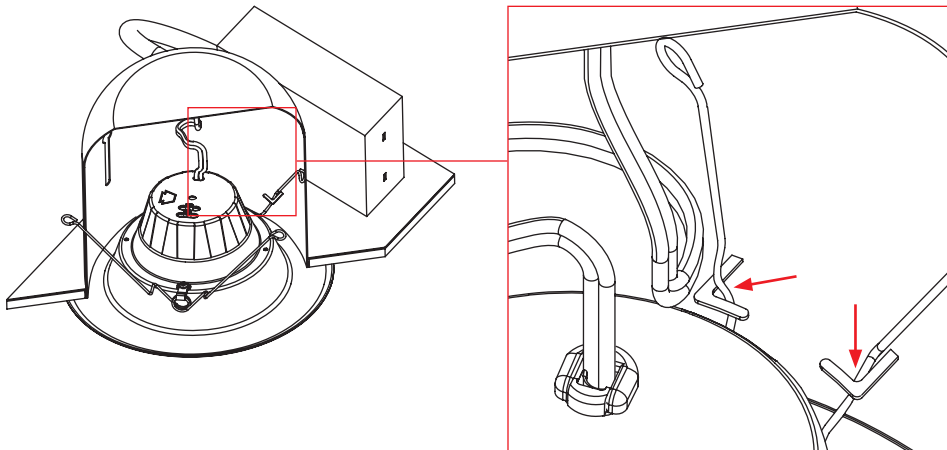
5. Select desired Wattage and CCT using adjustment switches on driver box (see Power Select (Wattage) and Color Select (CCT) Adjustment on page 3).



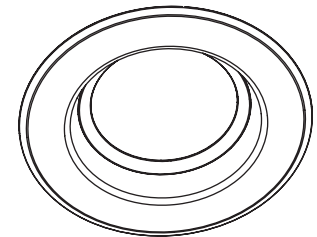
6. Plug E26 base cable connection into the recessed housing.



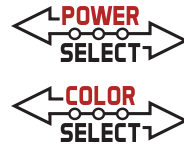
7. Squeeze torsion springs as shown and install into the metal brackets inside the recessed housing. For proper installation, the torsion springs should be seated within the brackets and on both sides of the housing.



8. Carefully place wires into the fixture, then push the LED trim into the housing until trim is flush with ceiling.



9. Restore power.



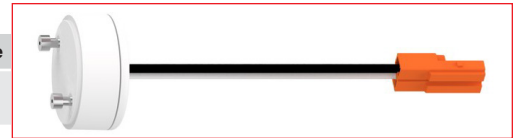
KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

OPTIONAL ACCESSORIES (SOLD SEPARATELY)

GU24 ADAPTOR

Catalog Number	Description	UPC	Easy Code
KT-ADPT-RD-GU24	GU24 Adaptor for downlight retrofit trim	843654137568	WTQ-04



TORSION-SPRING ADAPTOR

Catalog Number	Description	UPC	Easy Code
KT-ADPT-RD-6C-TS	Torsion-spring adaptor for 5" / 6" downlight retrofit trim	843654137667	GGR-44



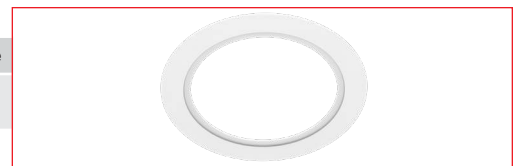
INTERCHANGEABLE TRIM

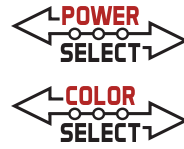
Catalog Number	Description	UPC	Easy Code
KT-TRIM-RD-6C-MB	Interchangeable Trim for 5" / 6" Circular Downlight Retrofit Trim; Matte Black	843654137582	OGP-16
KT-TRIM-RD-6C-BR	Interchangeable Trim for 5" / 6" Circular Downlight Retrofit Trim; Bronze	843654137605	MGF-76
KT-TRIM-RD-6C-BN	Interchangeable Trim for 5" / 6" Circular Downlight Retrofit Trim; Brushed Nickel	843654137629	JPJ-80
KT-TRIM-RD-6CB-MB	Interchangeable Trim for Baffled 5" / 6" Residential Circular Downlight, Matte Black	843654140742	GGG-71
KT-TRIM-RD-6CB-BR	Interchangeable Trim for Baffled 5" / 6" Residential Circular Downlight; Bronze	843654140766	TUJ-85
KT-TRIM-RD-6CB-BN	Interchangeable Trim for Baffled 5" / 6" Residential Circular Downlight, Brushed Nickel	843654140780	LSE-13



GOOF RING

Catalog Number	Description	UPC	Easy Code
KT-GOOF-RD-6C	Goof ring for 5" / 6" circular downlight; 10.51" diameter	843654137643	ECX-08





KT-LED14PSRD-6XX-9CSF-DIM-X

5" / 6" DOWNLIGHT RETROFIT TRIM

ORDERING INFORMATION

Catalog Number	UPC	Easy Code	Energy Star ID
KT-LED14PSRD-6C-9CSF-DIM	843654137452	KCE-92	3619528
KT-LED14PSRD-6C-9CSF-DIM-B	843654167848	ZPW-54	3942821
KT-LED14PSRD-6CB-9CSF-DIM	843654140728	LON-29	3619528
KT-LED14PSRD-6CB-9CSF-DIM-B	843654166759	ERZ-61	3942821

CATALOG NUMBER BREAKDOWN

KT-LED14PSRD-6XX-9CSF-DIM-X

1	2	3	4	5	6	7	8	9	10	11	12
1 Keystone Technologies	2 LED Technology	3 Wattage	4 Power Select	5 Fixture Type	6 Nominal Size	7 Shape	8 CRI				
				RD Recessed Downlight	6 5" / 6"	C Circular CB Circular Baffled	9 90				
5 Fixture Type					6 Nominal Size			8 CRI			
7 Shape					10 Color Select Designation	F 2700K, 3000K, 3500K, 4000K, 5000K		11 Dimming	DIM TRIAC Dimmable		
8 CRI											
9 Color Select								12 Housing Color	White		
10 Color Select Designation									B Black		
11 Dimming											
12 Housing Color											

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P208563

Luminaire Tested: **XTOR1B**

Issue Date: 3/3/2020

Test Information

(1) above bakery service door
(1) above north side exit door

Test Method: LM-79-08
Report Number: P208563
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27817)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: XTOR1B
Description: CROSSTOUR 12W WALL MOUNT LED

Light Source: EATON LED 5000K
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1418 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 0.46' x H: 0')
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

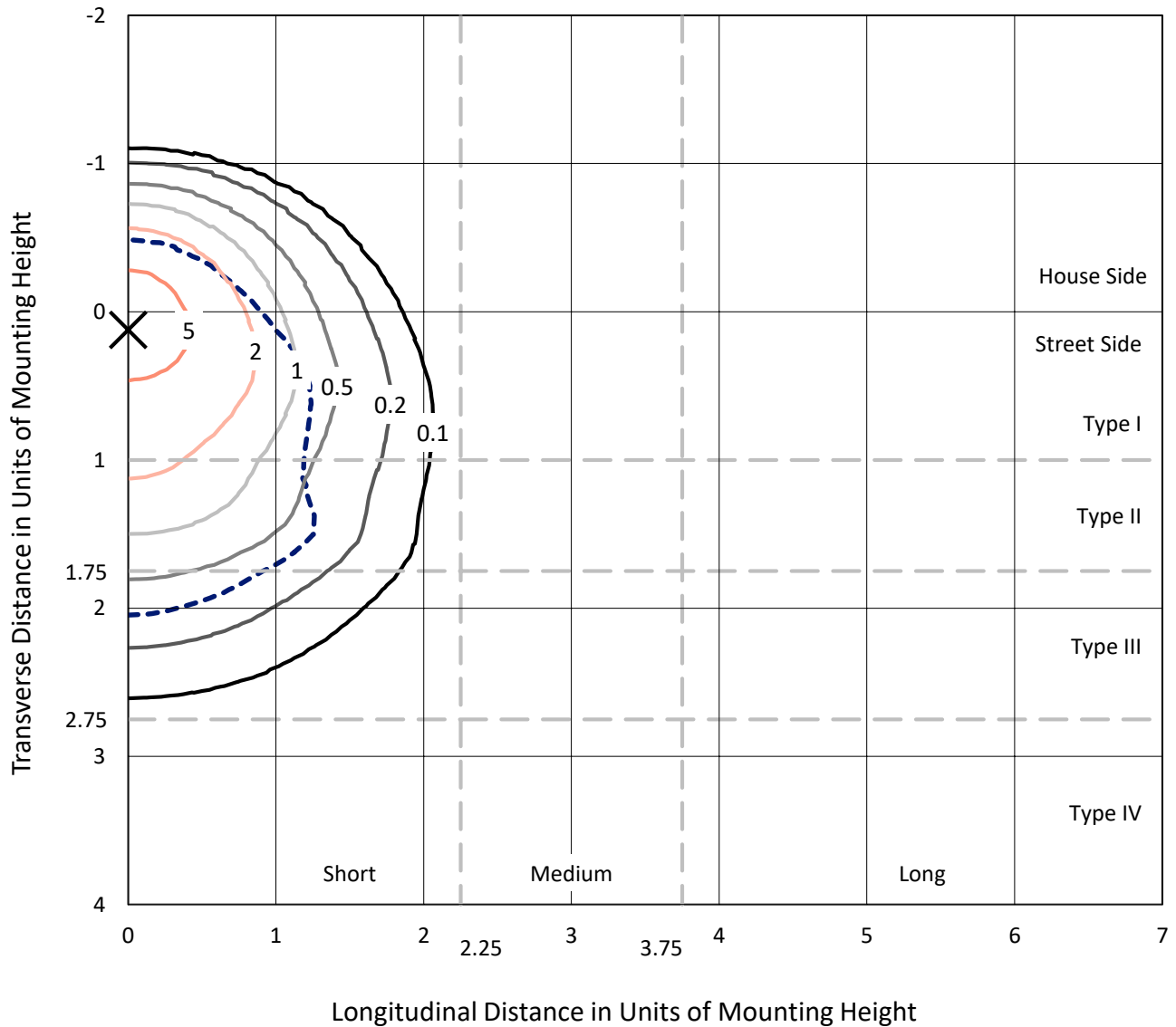
Input Watts (W): 12.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P208563
 CATALOG NUMBER: XTOR1B

Iso-Footcandle Lines of Horizontal Illumination

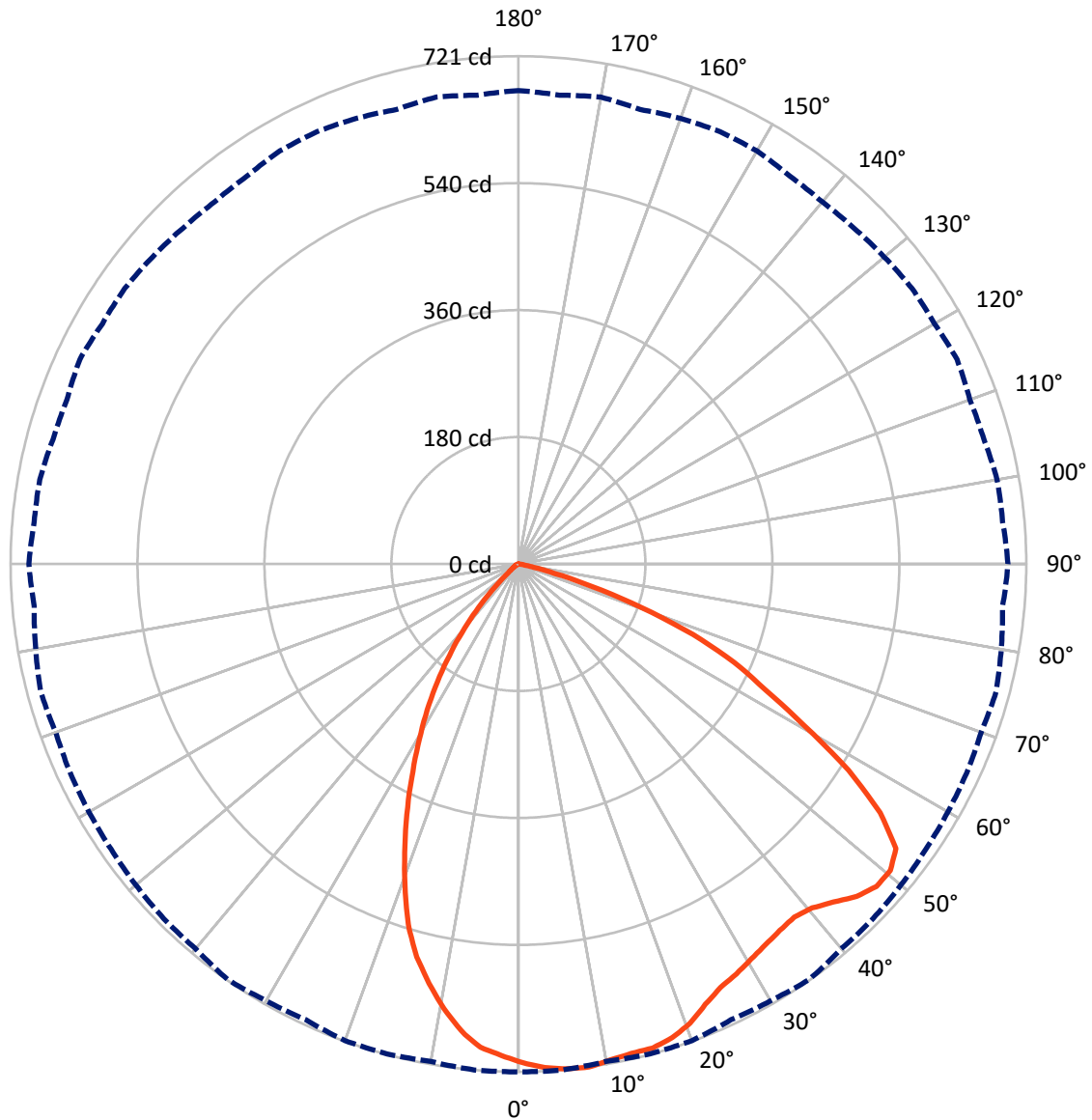
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.1 fc
 Type III - Short - Full Cutoff

REPORT NUMBER: P208563
CATALOG NUMBER: XTOR1B

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 7-Deg Vertical

REPORT NUMBER: P208563
 CATALOG NUMBER: XTOR1B

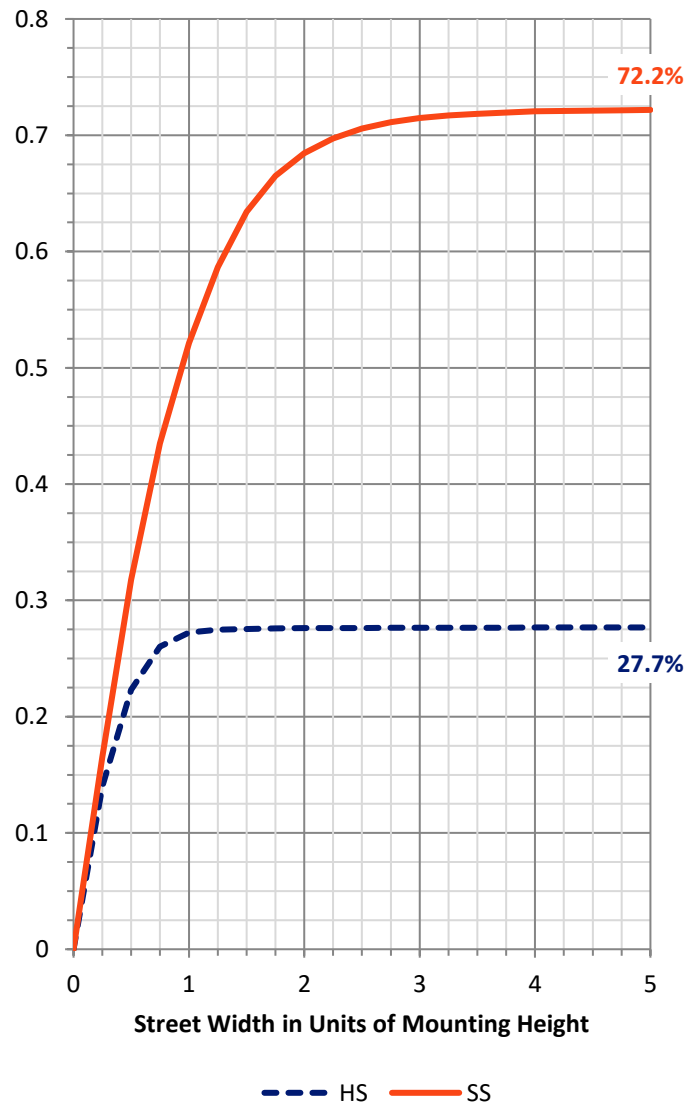
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	396.1	0.0	396.1
	% Fixture	27.9	0.0	27.9
Street Side	Lumens	1022.0	0.0	1022.0
	% Fixture	72.1	0.0	72.1
Total	Lumens	1418.0	0.0	1418.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.1	4.7
10°-20°	183.1	12.9
20°-30°	254.8	18.0
30°-40°	278.8	19.7
40°-50°	263.3	18.6
50°-60°	215.4	15.2
60°-70°	122.7	8.7
70°-80°	32.2	2.3
80°-90°	1.6	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1418.0	100.0
0°-180°	1418.0	100.0

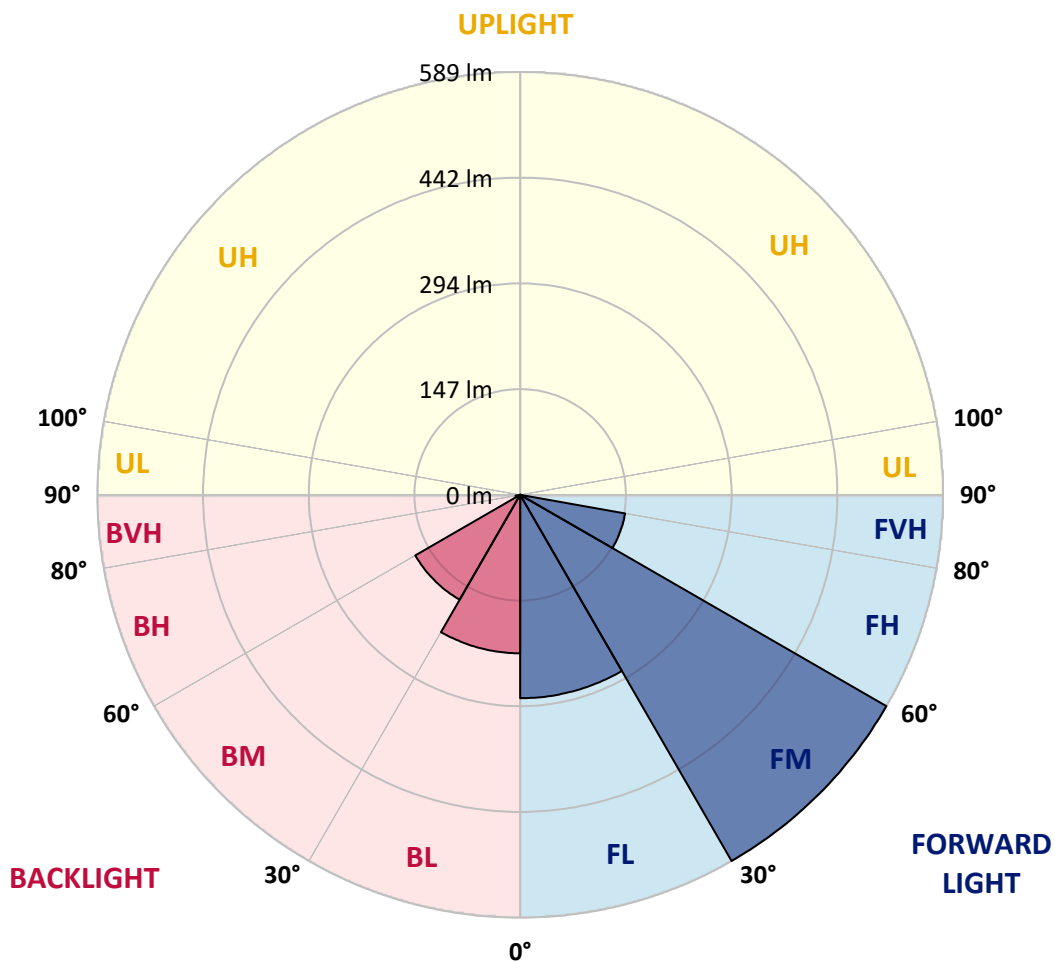


REPORT NUMBER: P208563
 CATALOG NUMBER: XTOR1B

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	283.3	20.0			
FM	(30°-60°)	588.9	41.5			
FH	(60°-80°)	148.5	10.5			G0/660
FVH	(80°-90°)	1.3	0.1			G0/10
BL	(0°-30°)	220.7	15.6	B1/500		
BM	(30°-60°)	168.6	11.9	B0/220		
BH	(60°-80°)	6.5	0.5	B0/110		G0/110
BVH	(80°-90°)	0.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0
 Type III Short





REPORT NUMBER: P208563
 CATALOG NUMBER: XTOR1B

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6
2.5°	715.6	715.6	710.6	714.6	713.6	708.6	709.6	714.6	708.6	707.6	705.6
5°	719.6	719.6	714.6	718.6	717.6	711.6	712.6	717.6	710.6	709.6	706.6
7°	720.6	720.6	716.6	719.6	719.6	713.6	715.6	719.6	712.6	711.6	708.6
7.5°	720.6	719.6	714.6	718.6	718.6	712.6	714.6	718.6	711.6	710.6	707.6
10°	715.6	715.6	710.6	714.6	713.6	707.6	709.6	712.6	705.6	704.6	702.6
12.5°	712.6	712.6	708.6	711.6	710.6	704.6	705.6	709.6	702.6	701.6	698.6
15°	712.6	711.6	707.6	711.6	711.6	705.6	707.6	710.6	703.6	702.6	697.6
17.5°	706.6	706.6	701.6	704.6	703.6	698.6	700.6	704.6	698.6	696.6	692.6
20°	695.6	695.6	691.6	693.6	692.6	687.7	690.6	695.6	689.6	687.7	684.7
22.5°	678.7	678.7	675.7	680.7	681.7	676.7	678.7	685.7	681.7	679.7	676.7
25°	665.7	665.7	662.7	666.7	668.7	665.7	669.7	674.7	673.7	674.7	673.7
27.5°	658.7	657.7	654.7	656.7	656.7	654.7	658.7	663.7	661.7	665.7	666.7
30°	650.7	649.7	646.7	650.7	649.7	644.7	646.7	653.7	649.7	652.7	654.7
32.5°	643.7	643.7	640.7	642.7	641.7	636.7	637.7	641.7	637.7	637.7	639.7
35°	638.7	638.7	635.7	638.7	636.7	628.7	628.7	631.7	626.7	624.7	624.7
37.5°	635.7	635.7	631.7	633.7	631.7	623.7	621.7	621.7	613.7	607.7	606.7
40°	641.7	639.7	635.7	632.7	625.7	615.7	612.7	609.7	598.7	590.7	583.7
42.5°	655.7	654.7	646.7	637.7	622.7	606.7	598.7	594.7	581.7	569.7	560.7
45°	672.7	668.7	656.7	645.7	622.7	599.7	584.7	574.7	558.7	546.7	534.7
47.5°	683.7	680.7	670.7	654.7	628.7	595.7	573.7	554.7	534.7	520.7	505.7
50°	683.7	680.7	671.7	659.7	632.7	595.7	562.7	534.7	506.7	488.8	471.8
52.5°	670.7	667.7	660.7	649.7	628.7	593.7	557.7	516.7	477.8	453.8	434.8
55°	622.7	624.7	622.7	615.7	604.7	580.7	550.7	504.7	451.8	417.8	395.8
57.5°	552.7	556.7	550.7	550.7	548.7	535.7	523.7	491.8	432.8	381.8	355.8
60°	465.8	468.8	465.8	465.8	463.8	461.8	460.8	451.8	416.8	351.8	312.8
62.5°	392.8	392.8	388.8	386.8	384.8	377.8	380.8	380.8	371.8	328.8	273.9
65°	336.8	335.8	330.8	323.8	318.8	307.8	302.8	301.8	302.8	291.9	246.9
67.5°	266.9	267.9	263.9	260.9	259.9	250.9	242.9	233.9	229.9	228.9	213.9
70°	184.9	182.9	184.9	187.9	187.9	185.9	185.9	181.9	173.9	164.9	162.9
72.5°	108.9	110.9	110.9	115.9	118.9	120.9	126.9	125.9	124.9	117.9	111.9
75°	53.0	53.0	54.0	58.0	62.0	64.0	72.0	73.0	76.0	75.0	73.0
77.5°	22.0	22.0	22.0	24.0	24.0	25.0	28.0	32.0	35.0	39.0	41.0
80°	9.0	9.0	9.0	9.0	9.0	8.0	9.0	9.0	11.0	13.0	16.0
82.5°	3.0	3.0	3.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	4.0
85°	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0
87.5°	0.0	1.0	0.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P208563
 CATALOG NUMBER: XTOR1B

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6
2.5°	703.6	701.6	700.6	698.6	702.6	696.6	692.6	699.6	696.6	698.6	694.6
5°	704.6	702.6	701.6	698.6	701.6	695.6	691.6	697.6	693.6	694.6	689.6
7°	705.6	703.6	701.6	698.6	701.6	695.6	689.6	694.6	689.6	689.6	683.7
7.5°	705.6	702.6	700.6	697.6	700.6	693.6	688.7	692.6	686.7	687.7	679.7
10°	700.6	697.6	695.6	692.6	695.6	688.7	681.7	685.7	677.7	674.7	666.7
12.5°	695.6	693.6	691.6	680.7	690.6	683.7	675.7	677.7	669.7	665.7	654.7
15°	694.6	692.6	689.6	685.7	687.7	678.7	669.7	670.7	661.7	654.7	642.7
17.5°	689.6	686.7	681.7	677.7	677.7	667.7	657.7	656.7	644.7	634.7	621.7
20°	680.7	676.7	670.7	664.7	663.7	650.7	638.7	631.7	618.7	608.7	593.7
22.5°	672.7	667.7	660.7	651.7	646.7	630.7	616.7	606.7	592.7	578.7	561.7
25°	668.7	662.7	652.7	641.7	631.7	613.7	594.7	583.7	566.7	549.7	529.7
27.5°	664.7	656.7	645.7	630.7	618.7	596.7	575.7	560.7	538.7	517.7	494.7
30°	653.7	646.7	633.7	617.7	602.7	576.7	551.7	530.7	505.7	480.8	455.8
32.5°	638.7	631.7	617.7	599.7	581.7	552.7	522.7	497.7	470.8	442.8	414.8
35°	622.7	617.7	601.7	577.7	558.7	525.7	490.8	462.8	431.8	402.8	376.8
37.5°	605.7	600.7	584.7	557.7	531.7	494.7	457.8	426.8	393.8	366.8	338.8
40°	581.7	576.7	561.7	533.7	502.7	460.8	420.8	387.8	356.8	328.8	301.8
42.5°	553.7	547.7	533.7	502.7	470.8	424.8	383.8	352.8	319.8	292.9	266.9
45°	522.7	514.7	499.7	470.8	435.8	388.8	345.8	312.8	283.9	257.9	232.9
47.5°	489.8	480.8	466.8	436.8	401.8	351.8	308.8	277.9	250.9	223.9	199.9
50°	453.8	439.8	426.8	397.8	362.8	314.8	272.9	244.9	214.9	192.9	169.9
52.5°	415.8	398.8	382.8	357.8	324.8	278.9	237.9	206.9	183.9	160.9	137.9
55°	374.8	356.8	340.8	315.8	285.9	241.9	199.9	176.9	152.9	128.9	108.9
57.5°	331.8	313.8	295.8	276.9	245.9	203.9	168.9	144.9	120.9	99.9	81.0
60°	288.9	268.9	251.9	228.9	203.9	167.9	135.9	112.9	92.0	72.0	55.0
62.5°	245.9	228.9	206.9	187.9	163.9	131.9	104.9	84.0	65.0	49.0	32.0
65°	202.9	185.9	166.9	147.9	124.9	98.0	75.0	58.0	41.0	26.0	15.0
67.5°	170.9	148.9	128.9	108.9	88.0	67.0	50.0	35.0	21.0	12.0	6.0
70°	141.9	112.9	94.0	76.0	59.0	43.0	30.0	17.0	9.0	5.0	4.0
72.5°	106.9	86.0	65.0	50.0	36.0	24.0	14.0	7.0	4.0	3.0	3.0
75°	68.0	57.0	41.0	29.0	19.0	10.0	5.0	4.0	3.0	3.0	3.0
77.5°	38.0	32.0	23.0	14.0	8.0	4.0	4.0	3.0	3.0	2.0	2.0
80°	16.0	14.0	9.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	1.0
82.5°	4.0	3.0	3.0	3.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P208563
 CATALOG NUMBER: XTOR1B

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6	707.6
2.5°	695.6	701.6	700.6	701.6	699.6	696.6	694.6	696.6	701.6	701.6	697.6
5°	690.6	695.6	692.6	693.6	689.6	686.7	684.7	685.7	691.6	690.6	686.7
7°	681.7	686.7	681.7	681.7	677.7	673.7	670.7	671.7	676.7	676.7	672.7
7.5°	678.7	681.7	677.7	677.7	673.7	669.7	666.7	666.7	671.7	671.7	667.7
10°	662.7	664.7	658.7	656.7	650.7	646.7	642.7	641.7	645.7	644.7	640.7
12.5°	648.7	647.7	640.7	637.7	630.7	625.7	619.7	618.7	620.7	617.7	611.7
15°	633.7	631.7	622.7	617.7	609.7	601.7	594.7	590.7	591.7	587.7	581.7
17.5°	611.7	606.7	596.7	588.7	576.7	569.7	560.7	556.7	555.7	547.7	541.7
20°	581.7	574.7	562.7	552.7	538.7	528.7	518.7	514.7	510.7	500.7	494.7
22.5°	546.7	535.7	522.7	509.7	493.7	481.8	470.8	465.8	459.8	448.8	440.8
25°	511.7	497.7	480.8	465.8	447.8	433.8	420.8	413.8	406.8	396.8	388.8
27.5°	473.8	457.8	438.8	422.8	402.8	386.8	372.8	364.8	358.8	349.8	341.8
30°	432.8	416.8	398.8	380.8	360.8	345.8	333.8	324.8	316.8	306.8	298.8
32.5°	392.8	376.8	355.8	336.8	318.8	303.8	294.9	282.9	276.9	265.9	256.9
35°	351.8	332.8	311.8	295.8	279.9	264.9	252.9	243.9	235.9	224.9	216.9
37.5°	312.8	295.8	276.9	260.9	244.9	227.9	214.9	203.9	195.9	185.9	177.9
40°	277.9	260.9	241.9	223.9	207.9	191.9	178.9	167.9	158.9	146.9	138.9
42.5°	245.9	224.9	205.9	190.9	173.9	157.9	143.9	131.9	121.9	111.9	103.9
45°	208.9	191.9	173.9	157.9	139.9	123.9	110.9	98.9	90.0	79.0	72.0
47.5°	179.9	161.9	142.9	125.9	108.9	93.0	80.0	68.0	59.0	51.0	43.0
50°	149.9	130.9	111.9	96.0	79.0	65.0	53.0	42.0	34.0	27.0	22.0
52.5°	118.9	100.9	83.0	68.0	52.0	40.0	30.0	22.0	17.0	13.0	12.0
55°	91.0	74.0	57.0	43.0	31.0	22.0	15.0	11.0	9.0	9.0	8.0
57.5°	65.0	49.0	34.0	24.0	16.0	10.0	8.0	7.0	6.0	6.0	5.0
60°	41.0	28.0	17.0	11.0	7.0	6.0	6.0	5.0	5.0	5.0	5.0
62.5°	21.0	12.0	8.0	6.0	6.0	5.0	4.0	4.0	4.0	4.0	4.0
65°	9.0	6.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0
67.5°	5.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0
70°	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	3.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P208563
 CATALOG NUMBER: XTOR1B

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°
0°	707.6	707.6	707.6	707.6
2.5°	693.6	698.6	694.6	697.6
5°	682.7	687.7	683.7	687.7
7°	667.7	672.7	667.7	671.7
7.5°	662.7	666.7	662.7	666.7
10°	635.7	639.7	634.7	639.7
12.5°	606.7	610.7	606.7	608.7
15°	574.7	575.7	572.7	575.7
17.5°	534.7	534.7	531.7	534.7
20°	483.8	485.8	481.8	482.8
22.5°	430.8	431.8	427.8	429.8
25°	378.8	379.8	376.8	378.8
27.5°	332.8	332.8	328.8	329.8
30°	289.9	288.9	283.9	284.9
32.5°	249.9	247.9	244.9	243.9
35°	208.9	206.9	202.9	202.9
37.5°	169.9	167.9	163.9	162.9
40°	133.9	129.9	125.9	125.9
42.5°	98.0	94.0	92.0	90.0
45°	67.0	61.0	59.0	58.0
47.5°	39.0	35.0	33.0	31.0
50°	19.0	18.0	18.0	18.0
52.5°	12.0	13.0	13.0	13.0
55°	9.0	9.0	9.0	9.0
57.5°	6.0	7.0	7.0	7.0
60°	5.0	5.0	6.0	6.0
62.5°	4.0	4.0	4.0	4.0
65°	3.0	3.0	3.0	3.0
67.5°	2.0	3.0	3.0	3.0
70°	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0
75°	1.0	2.0	2.0	2.0
77.5°	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0

(END OF REPORT)



HGX

A complete security floodlighting solution



(1) @ garage gable
(1) above bakery service door

Catalog Number
Notes
Type

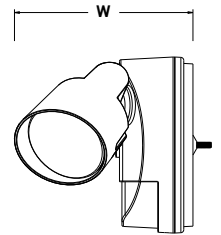
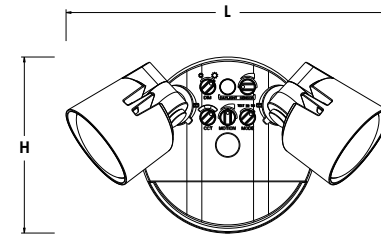
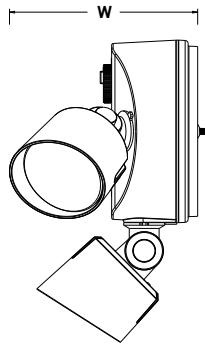
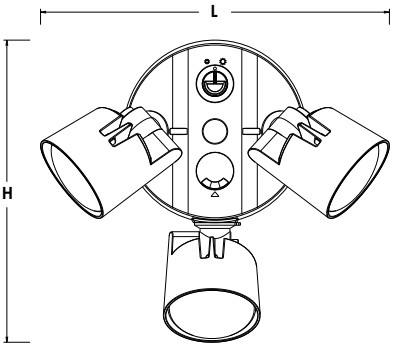
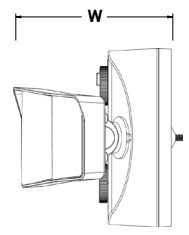
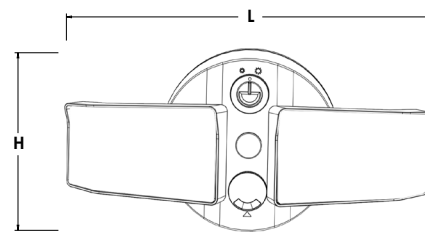
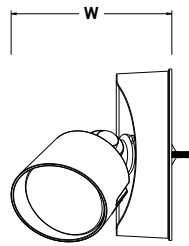
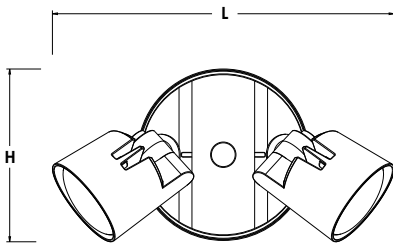
Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The HomeGuard LED family of security flood lights, built with rugged die cast aluminum construction, are long lasting, energy efficient solutions for replacing incandescent PAR lamp fixtures. Mounted under the eave or on the wall, these luminaires provide reliable security lighting in residential and commercial applications.























The HGX family has six configurations both in bronze and white. Featuring a low cost version for switched circuits to a fully featured product that includes an integral photocell for that automatic dusk-to-dawn operation, color tuning, adjustable lumens and a motion sensor. With tool-less easy-to-aim lamps, HGX installs quickly, and delivers a lumen range from 1700 to 4100. The HGX family provide great flexibility and versatility.

Luminaire	Length (L)	Width (W)	Height (H)	Lamp head dia (A)	Back plate dia (B)	Back plate thickness (C)	Weight
HGX 2RH	4.41" (11.2cm)	7.56" (19.2cm)	4.25" (10.8cm)	2.4" (6.1cm)	4.25" (10.8cm)	1.38" (3.5cm)	1.15 lbs (0.52 kg)
HGX 3RH	5.12" (13cm)	7.72" (19.6cm)	4.53" (11.5cm)	2.4" (6.1cm)	4.53" (11.51cm)	2.13" (5.4cm)	1.77 lbs (0.8kg)
HGX 2SH	4.53" (11.5cm)	7.56" (19.2cm)	4.33" (11cm)	2.40" (6.1cm)	4.33" (11cm)	1.54" (3.9cm)	1.31 lbs (0.6kg)
HGX 2RH PIR	4.96" (12.6cm)	7.52" (19.1cm)	4.53" (11.5cm)	2.40" (6.1cm)	4.53" (11.5cm)	1.89" (4.8cm)	1.37lbs (0.62 kg)
HGX 2RH ALO	4.53" (11.51cm)	7.56" (19.2cm)	4.33" (11cm)	2.40" (6.1cm)	4.33" (11cm)	1.54" (3.9cm)	1.31lbs (0.6kg)



Ordering Information

EXAMPLE: HGX LED 3RH ALO SWW2 120 PE DDB

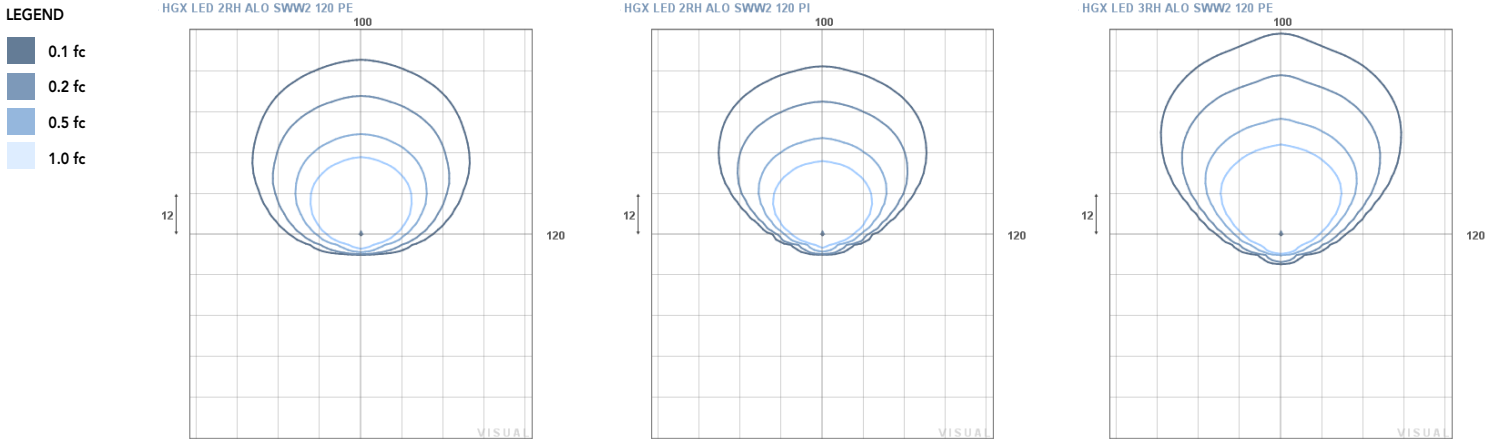
Homeguard ordering nomenclature and stocked configurations			
Nomenclature	UPC	CI Code	Features
HGX LED 2RH 40K 120 DDB	00194995254156	*271FE9	 
HGX LED 2RH 40K 120 WH	00194995254170	*271FEE	 
HGX LED 2RH ALO 40K 120 PE DDB	00194995254200	*271FEF	 
HGX LED 2RH ALO 40K 120 PE WH	00194995254194	*271FEH	 
HGX LED 2RH ALO SWW2 120 PE DDB	00194995254255	*271FEP	  
HGX LED 2RH ALO SWW2 120 PE WH	00194995254316	*271FEV	  
HGX LED 2SH ALO SWW2 120 PE DDB	00194995255214	*271FJ3	  
HGX LED 2SH ALO SWW2 120 PE WH	00194995255207	*271FJ4	  
HGX LED 3RH ALO SWW2 120 PE DDB	00194995255160	*271FHW	 
HGX LED 3RH ALO SWW2 120 PE WH	00194995255139	*271FJO	
HGX LED 2RH ALO SWW2 120 PIR DDB*	00194995254330	*271FEX	
HGX LED 2RH ALO SWW2 120 PIR WH*	00194995255092	*271FHR	

-  Adjustable Lumen Output ALO
-  Dusk-to-Dawn Operation PE
-  Switchable CCT SWW2
-  Motion Sensor Capable PIR



















*PIR unit is wet location rated and is recommended to be used for wall mount applications

Photometric Diagrams

Full photometric data report available within 2 weeks from request. Contact Acuity tech support.



HomeGuard LED Stocked Configurations

Nomenclature	Low			Medium			High			Options
	Lumens	Wattage	CRI	Lumens	Wattage	CRI	Lumens	Wattage	CRI	
HGX LED 2RH 40K 120 DDB							2750	25	80	 
HGX LED 2RH 40K 120 WH										
HGX LED 2RH ALO 40K 120 PE DDB	1750	15	80				2750	25	80	  
HGX LED 2RH ALO 40K 120 PE WH										
HGX LED 2RH ALO SWW2 120 PE DDB	1800	15	80				2750	25	80	  
HGX LED 2RH ALO SWW2 120 PE WH										
HGX LED 2SH ALO SWW2 120 PE DDB	1700	15	80				2700	25	80	  
HGX LED 2SH ALO SWW2 120 PE WH										
HGX LED 3RH ALO SWW2 120 PE DDB	1750	15	80	2750	25	80	4100	36	80	  
HGX LED 3RH ALO SWW2 120 PE WH										
HGX LED 2RH ALO SWW2 120 PIR DDB	2150	21	80				2600	26	80	   
HGX LED 2RH ALO SWW2 120 PIR WH										



Adjustable Lumen Output



Dusk-to-Dawn Operation



Switchable CCT



Motion Sensor Capable



Easy, tool-less aiming.



Integrated visors allow for visually pleasing illumination with minimal glare.



Modern design with user-friendly controls. Non-obtrusive motion sensor with elegant accent light.



Adjustable Light Output (ALO) and CCT color switching from warm, cool or daylight settings.

FEATURES & SPECIFICATIONS

INTENDED USE

HGX security floods are ideal for an energy efficient replacement for two lamp 200W incandescent security lights. The HGX LED provides over 50K hours of maintenance-free general illumination for outdoor applications. HGX with its 2RH/3RH/2SH head with PE options prevents daylight operation and saves on energy costs. Further with adjustable light output and color tuning technology built into HGX, it provides great flexibility for mounting and color selection. Ideal for entrances, walkways, corridors, yards, driveways and patios.

CONSTRUCTION

Cast-aluminum housing with dark bronze or white polyester powder paint for lasting durability. Photocell sensitivity is adjustable. LED lamp heads are thermally isolated from the driver that is located in the rear housing, promoting a long service life. Lenses are sealed to prolong service life. LEDs maintain 70% of light output at 50,000 hours of service life.

ELECTRICAL

HGX family comes in six configurations from low cost version which is on switched circuit to a fully featured product which has adjustable lumens, photocell, color and motion. The HGX is rated for outdoor installations. The 2 RH versions consume 25W and 3RH version consumes 36W power, 120V input 60 HZ driver. LED's with min. 80 CRI provide great quality of light and rendering. HGX with PIR option (motion sensor) has up to 180 degree motion detection angle, range of up to 40' at 18C/65 F and has three modes - test, 1 or five minutes on time after motion is detected. Motion sensitivity and daylight sensing is adjustable. Wall Sconce PIR unit is recommended for wall mount only.

ADJUSTABLE FEATURES

Adjustable light output - select HGX products include adjustable lumen output -2 settings on 2 head versions & 3 settings on 3 RH version. The lumens can be adjusted by rotation of dial. Use the same product to mount on various mounting heights by increasing or decreasing the light output. Color Tuning - Color temperature of the lamp heads can be switched with rotation of dial from warm to cool to daylight. Adjustable photocell - the sensitivity of the PE can be adjusted. The dial can be turned off to make the light turn on during day time, or have it only as dusk-to-dawn operation.

INSTALLATION

Mounts to a recessed junction box on wall or ceiling. Crossbar and hardware provided. Wet location listed for mounting 4 feet above ground. Tool-less adjustable heads allow for precise aiming.

LISTINGS

UL/cUL listed Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards. ENERGY STAR® certified product. All units are IP65 except HGX PIR which is wet location. HGX is rated for use in ambient conditions ranging from -40° C to 40° C.

WARRANTY

Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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HGX LED
Rev. 06/01/21

Project: _____

Fixture Type: _____

Location: _____

Contact: _____

P540095-020
Williamston

Williamston Collection 1-Light Antique Bronze Clear Glass Farmhouse Outdoor Post Lantern Light

Category: Outdoor
Finish: Antique Bronze (Painted)
Construction: Aluminum Construction
Glass/Shade: Clear Glass Panel



Length: 7 in
Square: 7 in
Height: 20-1/4 in

Clear Glass Panel
Width: 0-1/8 in
Height: 11-1/2 in

MOUNTING	ELECTRICAL	LAMPING	ADDITIONAL INFORMATION
Post mounted, fits standard 3" post (sold separately)	6 inches of wire supplied	Quantity: one 100 W max.	cCSAus Wet Location Listed
Post Mount	120 V	E26 base Porcelain Socket	1-year Limited Warranty
Post Mount			

Project: _____

Fixture Type: _____

Location: _____

Contact: _____

P560265-020 Williamston

Williamston Collection 1-Light Clear Glass Antique Bronze Farmhouse Outdoor Medium Wall Lantern Light

Category: Outdoor

Finish: Antique Bronze (Painted)

Construction: Aluminum Construction

Glass/Shade: Clear Glass Panel



Length: 6 in
Extends: 7 in
Height: 14-1/4 in
H/CTR: 11 in

Clear Glass Panel
Width: 0-1/8 in
Height: 9 in

MOUNTING	ELECTRICAL	LAMPING	ADDITIONAL INFORMATION
Wall mounted	6 inches of wire supplied	Quantity: one 100 W max.	cCSAus Wet Location Listed
Mounting plate for outlet box included	120 V	E26 base Porcelain Socket	1-year Limited Warranty
Canopy covers a standard 4" recessed outlet box: 4.75" W., 6.31" ht., 0.812" depth			