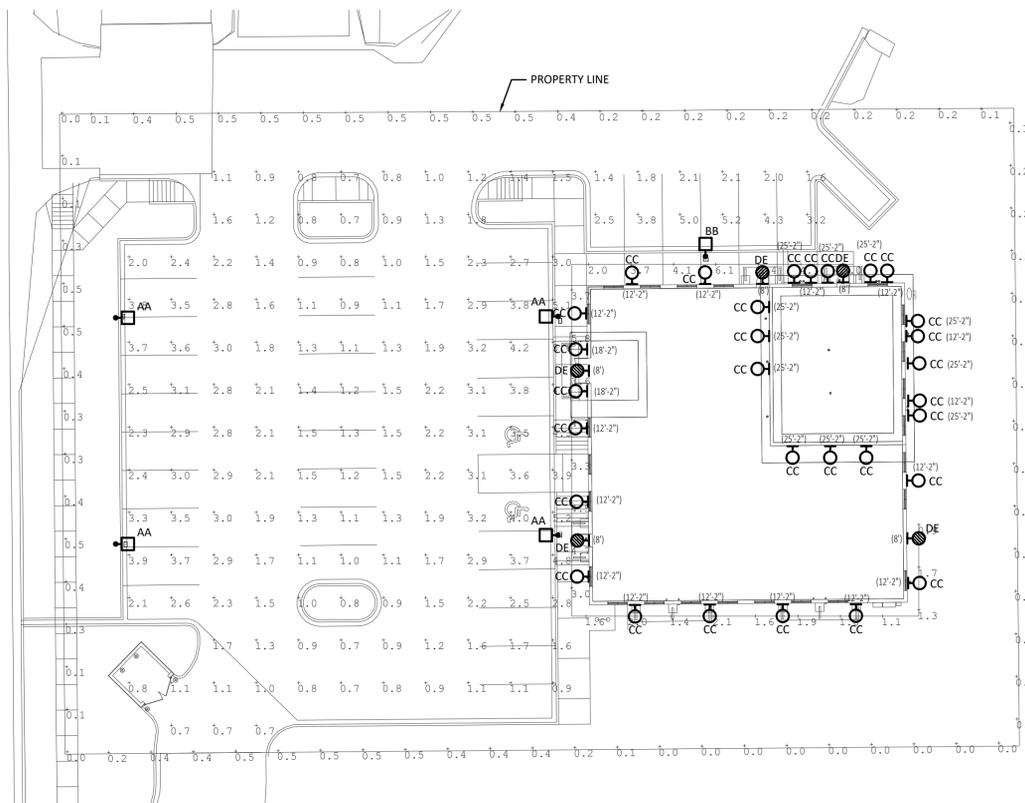


CARUBIA PROPERTIES - SITE DEVELOPMENT PLAN

LOT 2, BENT GRASS EAST COMMERCIAL FILING NO. 4

A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH P.M.
COUNTY OF EL PASO, STATE OF COLORADO



01 SITE PHOTOMETRICS PLAN
1" = 20'-0"

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Parking Lot	Illuminance	Fc	2.11	5.6	0.7	3.01	8.00
Property Line	Illuminance	Fc	0.26	0.5	0.0	N.A.	N.A.
Walkway	Illuminance	Fc	2.94	6.1	0.9	3.27	6.78

Designation	Lamps		Fixture Characteristics	Fixture Mounting			Fixture Specification			Voltage
	# of lamps	Lamp Type		Finish	Method	Ceiling Type	Recess Depth	Manufacturer	Catalog #	
AA	1	93W (8,959 Lumens) LED 4000K	16' Full Cutoff Site Pole Light With Type IV Optics With House Side Shield	Black	Pole Mounted: 14'-0" Pole With 2'-0" Base	N/A	N/A	Lithonia	DSXO LED P4 40K 80CRI T4M HS DBLXD	208
BB	1	69W (6,955 Lumens) LED 4000K	12' Full Cutoff Site Pole Light With Type II Optics With House Side Shield	Black	Pole Mounted: 10'-0" Pole With 2'-0" Base	N/A	N/A	Lithonia	DSXO LED P3 40K 80CRI T2M HS DBLXD	208
CC	1	13W LED 4000K	20" Gooseneck Arm With 15" Straight Blade Shade - Decorative Exterior LED	Black	Wall; Refer To Architects Elevations	N/A	N/A	RAB	GN 4 13 N GSST B	120
DE	1	10W LED 4000K	Full Cut-Off Exterior Egress Light With 90 Minutes of Battery Backup	Black	Above Door	N/A	N/A	Lithonia	WDGE1 LED P1 40K 80CRI VW MVOLT SRM E4WH DBLXD	120

FIXTURES "AA" & "BB"

D-Series Size 0 LED Area Luminaire

Specifications

- EPA: 0.44 ft² (0.041 m²)
- Length: 26.18" (663 mm)
- Width: 14.06" (357 mm)
- Height H1: 2.26" (57 mm)
- Height H2: 7.46" (190 mm)
- Weight: 23 lbs (10.4 kg)

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications, with typical energy savings of 70% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSXO LED P6 40K 70CRI T3M MVOLT SPA NLAIR2 PIRHN DDBXD

Series	LED	Color Temperature	Color Rendering Index	Mounting	Voltage	Shipping
DSXO LED	P1	30K	80CRI	AFR	MVOLT (120V-277V)	SPA
	P2	40K	80CRI	T1S	RVOLT (120V-277V)	SPA
	P3	50K	80CRI	T2M	RVOLT (120V-277V)	SPA
	P4	50K	80CRI	T3M	RVOLT (120V-277V)	SPA
	P5	50K	80CRI	T4M	RVOLT (120V-277V)	SPA
	P6	50K	80CRI	T5M	RVOLT (120V-277V)	SPA
	P7	50K	80CRI	T6M	RVOLT (120V-277V)	SPA
	P8	50K	80CRI	T7M	RVOLT (120V-277V)	SPA
	P9	50K	80CRI	T8M	RVOLT (120V-277V)	SPA
	P10	50K	80CRI	T9M	RVOLT (120V-277V)	SPA
	P11	50K	80CRI	T10M	RVOLT (120V-277V)	SPA
	P12	50K	80CRI	T11M	RVOLT (120V-277V)	SPA
	P13	50K	80CRI	T12M	RVOLT (120V-277V)	SPA

Ordering Information

Accessories

Shield Accessories

Drilling

Handhole Orientation

Tenon Mounting Slipfitter

Handhole Size	Slipfitter Part				
2-1/2"	89A	AST15-180	AST15-240	AST15-300	AST15-480
2-7/8"	89B	AST15-180	AST15-240	AST15-300	AST15-480
4"	89C	AST15-180	AST15-240	AST15-300	AST15-480

Shield Accessories

External Glare Shield (EGSR)

House Side Shield (HS)

Drilling

Handhole Orientation

DSXO Area Luminaire - EPA

Mounting Type	0.44	0.88	0.96	1.18	1.16
DSXO with SPA	0.44	0.88	0.96	1.18	1.16
DSXO with SPA, SPAN	0.51	1.02	1.06	1.28	1.28
DSXO with SPA, SPNS	0.51	1.02	1.06	1.28	1.28
DSXO with WA	0.54	1.08	1.24	1.40	1.50

ROSSI ENGINEERING INC.

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DATE: JANUARY 31, 2025
SCALE: AS INDICATED
DRAWN BY: JH
CHECKED BY: VJR
REL PROJECT NUMBER: 24-105
SHEET: 7 OF 9
SITE PHOTOMETRICS PLAN

PERCEPTION
DESIGN GROUP, INC.
6001 SOUTH PIERCE STREET, SUITE 220, LITTLETON, CO 80120 303-232-8088
WWW.PERCEPTIONDESIGNGROUP.COM

CARUBIA PROPERTIES - SITE DEVELOPMENT PLAN

LOT 2, BENT GRASS EAST COMMERCIAL FILING NO. 4

A PORTION OF THE NORTHEAST QUARTER OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 65 WEST OF THE 6TH P.M.
COUNTY OF EL PASO, STATE OF COLORADO

...in new Signature colors!

- 13 and 26 Watt high-performance LEDs
- Available in 11 high-durability powder coatings, formulated for long-lasting color
- Choose from 5 different arms and 6 shades
- Standard (12-14 weeks) delivery
- Reduces relamping time and costs
- 13W replaces 75W incandescent, 50W MH or 18W CFL
- 26W replaces 120W incandescent, 75W MH or 42W CFL
- 100,000-Hour LED lifespan
- 5-Year no-compromise warranty



Classic Colors

- Black (B)
- Architectural Bronze (A)
- White (W)

Signature Colors

- Red (R)
- Yellow (YL)
- Light Blue (LB)
- Royal Blue (BL)
- Brown (BWN)
- Ivory (I)
- Hunter Green (G)
- Metallic Silver (S)

Contact your local RAB rep to view actual sample color chips.

Specifications

UL Listing
Suitable for wet locations. Suitable for mounting within 4' of the ground.

LED
Multi-chip, high-output, long-life LED

Drivers
13W: Constant Current, Class 2, 50/60 Hz, 100 - 240VAC, 0.3 - 0.15A, 277VAC: 0.15A, THD ≤20%, PF 97.5%
26W: Constant Current, Class 2, 50/60 Hz, 0.48 A, THD ≤20%, PF 97.9%

Angled Cone Shade, White Finish, Neutral Light

Nominal Watts	13W	26W
Input Watts @ 120V	15.4	28.9
Output Lumens*	705	1673
Lumens per Watt*	45.8	57.9
Color Accuracy (CRI)*	86	84
Correlated Color Temp. (Nominal CCT)*	4000K	4000K

Cold Weather Starting
Minimum starting temperature is -40°F / -40°C

Thermal Management
Custom heat sink assembly in thermal contact with die-cast aluminum housing for superior heat sinking

Housing
Precision die-cast aluminum housing, lens frame and mounting plate

Reflector
Optional rectangular or spot reflectors available

Gaskets
High-temperature silicone

Mounting
Heavy-duty mounting arm with "O" ring seal & stainless steel screw

Shades
Angled Cone, Angled Dome or Straight Shade offered in both 11" and 15"

Paint Finish
Chip and fade resistant polyester powder coat finish. Offers significantly improved gloss retention and resistance to color change.

Color Stability
RAB LEDs exceed industry standards for chromatic stability

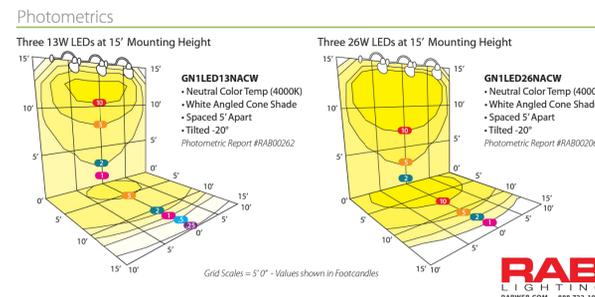
Color Uniformity
RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

IESNA LM-79 & LM-80 Testing
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

California Title 24
Goosenecks comply with 2013 California Title 24 building and electrical codes as commercial, outdoor, non-pole-mounted fixtures < 30 Watts when used with a photosensor control. Select catalog number PCS900 (1.20W) or PCS900/277 to order a photosensor.

Green Technology
Mercury and UV free, and RoHS compliant. Powder coat finish formulated with an environmentally friendly, TGIC-free (Triglycidyl Isocyanurate) process.

Patents
The design of the GNLED is protected by patents pending in US, Canada, China, Taiwan and Mexico.
*Please visit rabweb.com for details on warm temperature performance.



Individual components

LED Heads

- GNLED13 13W LED Head
- GNLED26 26W LED Head (available in warm and neutral)

Gooseneck Arms

- GOOSE1 Gooseneck 24" Arm
- GOOSE2 Gooseneck 35" Arm
- GOOSE3 Gooseneck 30" Arm
- GOOSE4 Gooseneck 20" Arm
- GOOSE5 Gooseneck 20" Arm w/Pole Mount

Shades

- GSAC 15" Angled Cone Shade
- GSAC11 11" Angled Cone Shade
- GSAD 15" Angled Dome Shade
- GSAD11 11" Angled Dome Shade
- GSST 15" Straight Shade
- GSST11 11" Straight Shade

Accessories

- LRFGNLED Clear Lens & Reflector Kit w/Door Frame
- LFGNLED Frosted Lens & Door Frame Replacement

Ordering information

Product Family	Arm	Wattage	Color Temp	Reflector	Shade	Color
GN	Blank No arm	13 13W	N Neutral (4000K)	Blank Flood reflector + frosted lens	Blank No shade	B Black
	1 GOOSE1	26 26W	Y Warm (3000K)	S Spot reflector + clear lens	AC11 11" Angled cone	W White
	2 GOOSE2			R Rectangular reflector + clear lens	AD 15" Angled dome	A Architectural Bronze
	3 GOOSE3				AD11 11" Angled dome	S Metallic Silver
	4 GOOSE4				ST 15" Straight shade	G Hunter Green
	5 GOOSE5				ST11 11" Straight shade	YL Yellow
						R Red
						LB Light Blue
						BL Royal Blue
						BWN Brown
						I Ivory

FIXTURE "DE"

WDGE1 LED Architectural Wall Sconce

Specifications

- Depth (D1): 5.5"
- Depth (D2): 1.5"
- Height: 8"
- Width: 9"
- Weight: 9 lbs (without optional)

Introduction
The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectangular design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution. WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.carubiabrand.com/designselect. *See ordering tree for details.

WDGE LED Family Overview

Luminaire	Optics	Standard D1, D2, C	Color Temp. (K)	Sensor	Approximate Lumens (5000K, 4000K)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W	—	—	750	1,200	2,000	—	—	—	—
WDGE2 LED	Visual Comfort	10W	18W	Standalone / night	—	1,200	2,000	3,000	4,500	6,000	—
WDGE3 LED	Precision Refractive	10W	18W	Standalone / night	700	1,200	2,000	3,000	4,200	—	—
WDGE4 LED	Precision Refractive	15W	18W	Standalone / night	6,000	7,500	8,500	10,000	12,000	—	—
WDGE4 LED	Precision Refractive	—	—	Standalone / night	—	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXBD

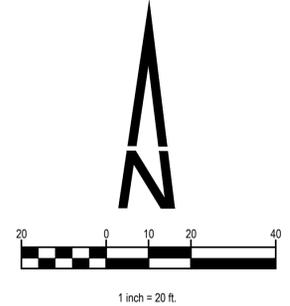
Series	Package	Color Temperature	CRI	Installation	Mounting	Shipped included
WDGE1 LED	P0	27K 2700K	80CRI	VF Visual comfort forward throw	MVOLT 347	SRM Surface mounting bracket
	P1	30K 3000K	90CRI	VW Visual comfort wide		KW Indirect Canopy Ceiling Washer bracket (dry lamp locations only)
	P2	30K 3000K	80K 80CRI			Shipped separately
		30K 3000K	80K 80CRI			ABS 3000K ambient wall spacer*
		30K 3000K	80K 80CRI			PBW Surface-mounted back box (left, right, conduit entry). Use when there is no junction box available.*

Options:

Option	Description	Finish
EBWH	Emergency battery backup, Certified in CA Title 20 WAREDS (4W, 10W, 15W)	DBRBD Dark bronze
ELC	Photo-cell battery light	DBLUS Black
DS	Dual switching (comes with 2 drivers and 2 light engines, see page 3 for details)	DBNIX Natural aluminum
DNG	0-10V dimming when pulled outside fixture (for use with an external control, ordered separately)	DBWHD White
REE	Bottom conduit entry for back box (PBB), total of 4 entry points.	DBSDB Textured dark bronze
REE	Dual switching (1 driver, 1 light engine)	DBNIXD Textured natural aluminum
CE	Conduit (Contractor)	DBWHDG Textured white
		DBSDBG Textured silver

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FIXTURE CUT SHEETS