

AURA AT CROSSROADS

SITE DEVELOPMENT PLAN

SITUATED IN THE SOUTHWEST 1/4 OF SECTION 8, TOWNSHIP 14 SOUTH, RANGE 65
WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO

NOTES:	
1.	ANY PROPOSED LIGHT FIXTURES INSTALLED ON PRIVATE PROPERTY ADJACENT TO PUBLIC ROW, SHALL BE ORIENTED OR LIMITED IN LUMEN OUTPUT TO PREVENT GLARE PROBLEMS AND SHALL NOT EXCEED NATIONAL IES LIGHTING STANDARDS FOR DISABILITY GLARE.
2.	ALL FIXTURES TO BE FULL CUTOFF. REFER TO SPEC SHEETS FOR MORE INFORMATION.
3.	NO TYPE IV FORWARD THROW FIXTURES, POLE MOUNTED LIGHTS AIMED AT THE FAÇADE OR UNSHIELDED WALLPACKS TO BE USED.
4.	FIXTURES TO BE OPERATED DUSK TO DAWN ONLY USING A PHOTOCELL AND TIMECLOCK TO CONTROL FIXTURES. SITE FIXTURES TO HAVE DIMMING CAPABILITY TO HAVE LIGHT REDUCED BY 50% DURING POST CURFEW HOURS.
5.	SITE LIGHTING OBJECTIVES FOR ALL RESIDENTIAL BUILDING AND PARKING AREAS TO PRIORITIZE SAFETY AND SECURITY, WITH ADDITIONAL FIXTURES AT ENTRIES FOR WAYFINDING. CLUBHOUSE LIGHTING TO BE PRIMARY FOR SAFETY AND SECURITY, WITH ADDITIONAL DOWNLIGHTS AT ENTRY COLUMNS TO ENHANCE WAYFINDING AND ARCHITECTURAL DETAILS.
6.	MITIGATION OF LIGHT ONTO ADJACENT PROPERTIES/NEIGHBORHOODS: FIXTURES TO BE MOUNTED AND ORIENTED IN A MANNER TO REDUCE GLARE, FOOTCANDLES AND LIGHT LEAK.

ISSUE DATE: 08-06-2021	PROJECT #: 200823
DATE	REVISION COMMENTS
10-29-2021	PER COUNTY COMMENTS
01-13-2022	PER COUNTY COMMENTS
04-06-2022	PER COUNTY COMMENTS



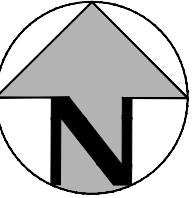
BOX 914
GOLDEN CO 80402
Phone: 720-398-2410
KG@KLOKGROUP.COM

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	
Site Area	Illuminance	Fc	1.00	10.1	0.0	

TRINISC ACQUISITION COMPANY, LLC
8235 DOUGLAS AVENUE, SUITE 950
DALLAS, TX 75225
P: 970.819.9968

PHOTOMETRIC PLAN
SHEET 26 OF 29
PCD FILE NO. PPR-21-041

30 0 30 60
SCALE: 1" = 30'-0"



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SITE LUMINAIRE SCHEDULE							
TYPE	LAMPS/KELVIN	DESCRIPTION	MOUNTING HEIGHT	LUMENS	LOAD, VA	VOLTS	MANUFACTURER/CAT. NO.
SB	4000K LED	LED BOLLARD	42" ABOVE GRADE	1116	20	MVOLT	LITHONIA LIGHTING KBR8-16C-350-40K-SYM-MVOLT
SD	4000K LED	SINGLE HEAD PEDESTRIAN LIGHT, SYMMETRIC DISTRIBUTION	12' POLE	5478	38	MVOLT	LITHONIA LIGHTING RAD1LED-P2-40K-SYM-MVOLT-RPA
SG	4000K LED	6" DOWNLIGHT WALL CYLINDER, WET LISTED, COLD WEATHER RATED	8' ON TRELLIS	1050	29	120	PROGRESS LIGHTING P5641-31-40K
SL	4000K LED	4 FOOT, LED LINEAR, WET LISTED, VAPOR TIGHT, FULLY GASKETED	CARPORT CEILING	5000	42	MVOLT	LITHONIA LIGHTING CSVT-L48-5000LM-MVOLT-40K-80CRI
SW	4000K LED	WALL MOUNTED LED, TYPE 3 MEDIUM DISTRIBUTION, HOUSE SIDE SHIELD	~10' WALL	4288	35	MVOLT	LITHONIA LIGHTING DSXW1-LED-20C-530-40K-T3M-MVOLT-HS
SWA	4000K LED	WALL MOUNTED LED, TYPE 3 MEDIUM DISTRIBUTION, HOUSE SIDE SHIELD	~25' WALL	6467	54	MVOLT	LITHONIA LIGHTING DSXW2-LED-30C-530-40K-T3M-MVOLT-HS

1. VERIFY EXACT FIXTURE'S CATALOG NUMBER, FINISH, LAMP(S), LENGTHS AND OPTIONS WITH TENANT/ARCHITECT PRIOR TO ORDERING.
 2. CONTRACTOR TO VERIFY COMPATIBLE DIMMER TYPE AND MANUFACTURER FROM LUMINAIRE CUT SHEET
 3. CONTRACTOR TO PROVIDE ALL PARTS AND ACCESSORIES FOR A COMPLETE, AND FUNCTIONING SYSTEM.



Ordering Information		EXAMPLE: KBR8 LED 16C 700 40K SYM MVOLT DDBXD									
Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Control options	Other options	Finish request			
KBR8 LED	Asymmetric 12C 12 LEDs	350 350 mA	30K 3000 K	ASY Asymmetric ¹	MVOLT ²	Shipped installed	DN40XD White	DN40XD Natural aluminum			
		450 450 mA	50K 5000 K	SYM Symmetric ³		PIR Motion detector, 120° field of view, 3.5m range, 12V DC, 240mA current, 100% to 30% dimming ⁴	SF Single Face ⁵	DF Double Face ⁶			
Symmetric 16C 16 LEDs ⁷	700 700 mA	AMBPC Amber phosphor converted	240 ⁸	DMG D-10v dimming w/electrolytic capacitors (for use with an external driver, ordered separately)	DF Double Face ⁹ , 240mA current, 100% to 30% dimming ¹⁰	HBM 24" overall height	DBBLXD Black bronze	DBBLXD Black			
		AMBWL Amber limited wavelength ¹¹	347 ¹²	BLW Emergency battery backup (A title 20 requirement)	FC Ground fault protection outlet	HBM 30" overall height	DOBTD Indoor	DOBTD Indoor			
				L/AB4 Weatherproof (IP65)	DN40XD White	HBM 36" overall height	DLBXLX Textured black	DLBXLX Textured black			
				L/AB4 4 bolt retrofit base without anchor bolts ¹³	DW40XD Textured aluminum	DN40XD Textured white	DW40XD Textured white				

Accessories
Ordered and shipped separately
MRAB-U Anchor bolts for KBR8 LED

NOTES:
 1. Only available in the 12C, ADY version.
 2. Only available in the 16C, SYM version.
 3. Only available with 450 AMBPC version.
 4. Available with 120° field of view.
 5. MVOLT driver operates on any line voltage from 120-277V. MVOLT driver capacity 120, 240 or 277 options only when ordering with 120, 240 or 277 volt options.
 6. Not available with 347V. Not available with 450V. Not available with 450 AMBW.
 7. Single face only with 240, 277 volt options.
 8. Double face (DF) requires 240 or 240V voltage option.
 9. Double face (SF) requires 240 or 240V voltage option.
 10. Not available with 347V.

LITHONIA
LIGHTING

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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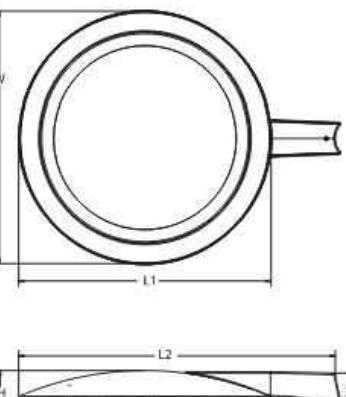
Radean Arm Mount

LED Area Luminaire



Specifications

EPA: 0.75 ft²
Length: 0.05 m²
L1: 24" (61 cm)
L2: 30" (60.96 cm)
Width: 24" (61 cm)
Height: 4" (10.2 cm)
Weight (max): 29 lbs (13.15 kg)



Introduction

The RADEAN arm mount luminaire is the perfect choice for pedestrian applications where daytime aesthetics and visual comfort are needed. Adding architectural flair to any space, the RADEAN's low-profile shape and smooth curves blend in while adding a touch of elegance.

Perfect for campuses, parks, pedestrian malls, courtyards and pathways, the RADEAN arm mount is the Architect's choice to provide beautiful aesthetics both day and night.

PROGRESS
LIGHTING

One-Light Outdoor

Wall mounted • Wet location listed PROGRESS LED

P5641-31/30K

Images:



Description:

6" downlight wall cylinders are ideal for a wide variety of interior and exterior applications including residential and commercial. The aluminum cylinders offers a contemporary design with its sleek cylindrical form and elegant fade and chip resistant black finish, perfect for today's inspired exteriors. With over 1,050 lumens the LED cylinders unite performance, energy savings and safety benefits.

Specifications:

- Black (31) (powder coat paint)
- Die cast and extruded aluminum Construction
- Black powder coated finish
- Indoor/Outdoor Fresh matches exterior finish
- Die-cast aluminum construction with durable powder coated finish
- 1,050 lumens 29 lumens/watt (delivered)
- 3000K color temperature, 90+ CRI
- Dimmable to 10% brightness (See Dimming Notes)
- Push button switch standard 4" octagonal recessed outlet box
- Mounting strap for outlet box included
- 6' of wire supplied
- Meets California Title 24 high efficacy requirements for outdoor use only

Performance:

Number of Modules	1
Input Power	29.6w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW (Delivered)	1,050/29 (LM-79)
CCT	3000 K
CRI	90 CRI
Life (hours)	60,000 (L70/TM-21)
FCC	FCC ID: 2AF47, Part 15, Class B
Min. Start Temp	-30 °C
Max. Operating Temp	30 °C
Warranty	5 year warranty
Labels	cCSAus Wet location listed Meets California Title 24 high efficacy requirements for outdoor use only

Dimensions:

Width: 5"
Depth: 8.7/8"
Height: 12"
H/CTR: 4-1/2"

TYPE SB

TYPE SD

TYPE SG

LITHONIA
LIGHTING

COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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For more information visit our website: www.progresslighting.com

Progress Lighting • 701 Millennium Boulevard • Greenville, SC 29607

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SHEET 28 OF 29
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