Schedule

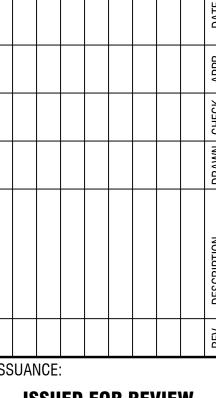| Symbol	Label	Image	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	Lumen Multiplier	LLF	Wattage	Efficiency	Distribution	Polar Plot	Notes
▭	A		4	Lithonia Lighting	WDGE2 LED P5 40K 80CRI VF	WDGE2 LED WITH P5 - PERFORMANCE PACKAGE, 4000K, 80CRI, VISUAL COMFORT FORWARD OPTIC		1	WDGE2_LED_P5_40K_80CRI_VF.ies	5996	1	0.92	48.44	100%	TYPE III, VERY SHORT, BUG RATING: B1 - U0 - G1	Max: 3163cd	
◯	B		6	Lithonia Lighting	LDN6 40/15 LO6AR LSS	6IN LDN, 4000K, 1500LM, CLEAR, SEMI-SPECULAR REFLECTOR, CRI80		1	LDN6_40_15_LO6AR_LSS.ies	1516	1	0.92	17.52	100%	DIRECT, SC-0=1.02, SC-90=1.03	Max: 1573cd	

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Site	+	0.7 fc	23.8 fc	0.0 fc	N/A	N/A

PHOTOMETRICS SITE PLAN
SCALE: 1/32" = 1'-0"

GARY WATSON PT. PRIVATE R.O.W.

B (TYP. OF 6)

20'-0" ROLL GATE

PROPOSED BUILDING 7,000 S.F.

A

A

A

A

140'-0"

EDGE OF ASPHALT

POND TRACT A

TRASH ENCLOSURE

LOADING SPACE 14' X 18'

CBP 2-1, LOT 3
PHOTOMETRICS
7755 GARY WATSON POINT
EL PASO COUNTY, CO

REV	DESCRIPTION	DRAWN	CHECK	APPR	DATE

ISSUANCE:
ISSUED FOR REVIEW

CLIENT:
HAMMERS CONSTRUCTION
1411 WOOLSEY HEIGHTS
COLORADO SPRINGS, CO 80915

ARCHITECT:

PROJECT NO:
5151-20-05D

TITLE:
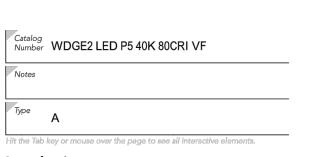PHOTOMETRICS SITE PLAN

PLOT DATE: 02/03/21 12:52 PM   BY: JEBKA   PROJ. FILE: P:\Hammers Construction\Grumpy Trumpsters Site\Grumpy Trumpsters — Lot 3\Photometrica\CBP 2-1 Lot 3 — Photometrica.dwg

WDGE2 LED
Architectural Wall Sconce

Catalog Number: WDGE2 LED P5 40K 80CRI VF

Notes:

Type: A

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

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 rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 delivers up to 6,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

Specifications

Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs
(without options)

WDGE LED Family Overview

Luminaire	Standard Eff. 0°C	Cold Eff. -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	–	Standalone / nLight	1,200	2,000	–	–	–	–
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	–
WDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	–	–
WDGE4 LED	–	–	Standalone / nLight	8,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package		Color Temperature	CRI	Distribution	Voltage	Mounting	
WDGE2 LED	P1[1] P1SW	27K 2700K	80CRI	VF Visual comfort forward throw	MVOLT	**Shipped Included**	**Shipped separately**	
	P2[2] P2SW	30K 3000K	90CRI	VW Visual comfort wide	347[1]	SRM Surface mounting bracket	AWS 1/8inch Architectural wall spacer	
	P3[2] P3SW	35K 3500K			480[1]	ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)	PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.	
	P4[2]	40K 4000K						
	P5[3]	50K[2] 5000K						
	Door with small window (SW) is required to accommodate sensors. See page 2 for more details.							

Options

		Standalone Sensors/Controls (only available with P1SW, P2SW & P3SW)		**Finish**	
E4WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min)	PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DDBXD	Dark bronze
E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)	PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching	DBLXD	Black
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)	PIR1FC1V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	DNAXD	Natural aluminum
PE[4]	Photocell, Button Type			DWHXD	White
DS[5]	Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	PIRH1FC1V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.	DSSXD	Sandstone
DMG[6]	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	**Networked Sensors/Controls** (only available with P1SW, P2SW & P3SW)		DDBTXD	Textured dark bronze
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.	NLTAIR2 PIR	nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights.	DBLBXD	Textured black
		NLTAIR2 PIRH	nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.	DNATXD	Textured natural aluminum
		See page 4 for out of box functionality		DWHGXD	Textured white
				DSSTXD	Textured sandstone

Accessories
Ordered and shipped separately.

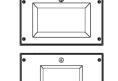|	
WDGE AWS DDBXD U	WDGE 1/8inch Architectural Wall Spacer (specify finish)
WDGE PBBW DDBXD U	WDGE2 surface-mounted back box (specify finish)

NOTES
1. P1-P5 not available with sensors/controls. Sensors/controls only available with P1SW, P2SW and P3SW.
2. 50K not available in 90CRI.
3. 347V and 480V not available with E4WH, E10WH, E20WC or DS.
4. PE not available in 480V or with sensors/controls.
5. DS option not available with E4WH, E10WH, E20WC or sensors/controls.
6. DMG option not available with sensors/controls.
7. Not qualified for DLC. Not available with emergency battery backup or sensors/controls.

Default configuration with no sensors/controls.
Power Packages: P1, P2, P3, P4, P5

Small Window (SW) configuration
Power Packages: P1SW, P2SW, P3SW

Configuration with sensors/controls
Power Packages: P1SW, P2SW, P3SW

Performance Data

Lumen Output
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	30K (3000K, 80 CRI)						35K (3500K, 80 CRI)						40K (4000K, 80 CRI)						50K (5000K, 80 CRI)					
			Lumens	LPW	B	U	G		Lumens	LPW	B	U	G		Lumens	LPW	B	U	G		Lumens	LPW	B	U	G
P1 / P1SW	10W	VF	1,166	119	0	0	0		1,209	123	0	0	0		1,251	128	0	0	0		1,254	128	0	0	0
		VW	1,197	122	0	0	0		1,241	126	0	0	0		1,284	131	0	0	0		1,286	131	0	0	0
P2 / P2SW	15W	VF	1,878	129	1	0	0		1,947	134	1	0	0		2,015	139	1	0	0		2,019	139	1	0	0
		VW	1,927	133	1	0	0		1,997	137	1	0	0		2,067	142	1	0	0		2,071	143	1	0	0
P3 / P3SW	23W	VF	2,908	129	1	0	0		3,015	134	1	0	0		3,119	138	1	0	0		3,126	139	1	0	0
		VW	2,983	132	1	0	0		3,093	137	1	0	0		3,200	142	1	0	0		3,213	143	1	0	0
P4	35W	VF	4,096	117	1	0	1		4,247	121	1	0	1		4,394	126	1	0	1		4,403	126	1	0	1
		VW	4,202	120	1	0	0		4,357	125	1	0	1		4,508	129	1	0	1		4,526	129	1	0	1
P5	48W	VF	5,567	115	1	0	1		5,772	119	1	0	1		5,972	123	1	0	1		5,996	124	1	0	1
		VW	5,711	118	1	0	1		5,921	122	1	0	1		6,127	126	1	0	1		6,151	127	1	0	1

Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1 / P1SW	10W	0.082	0.049	0.043	0.038	–	–
	13W	–	–	–	–	0.046	0.033
P2 / P2SW	15W	0.132	0.081	0.072	0.064	–	–
	18W	–	–	–	–	0.056	0.041
P3 / P3SW	23W	0.195	0.114	0.100	0.088	–	–
	26W	–	–	–	–	0.079	0.058
P4	35W	0.302	0.175	0.152	0.134	–	–
	38W	–	–	–	–	0.115	0.086
P5	48W	0.434	0.241	0.211	0.184	–	–
	52W	–	–	–	–	0.157	0.119

Lumen Multiplier for 90CRI

CCT	Lumen Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647
E10WH	VF	1,658
	VW	1,701
E20WC	VF	2,840
	VW	2,913

Lumen Ambient Temperature (LAT) Multipliers
Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance
Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

LITHONIA LIGHTING

Catalog Number: LDN6 40/15 LO6AR LSS

Notes:

Type: B

LDN6
6" Open and WallWash LED
Non-IC
New Construction Downlight

FEATURES & SPECIFICATIONS
INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs. Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.
Accommodates 12"-24" joist spacing.
Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.
Max ceiling thickness 1-1/2".
OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.
LED light source concealed with diffusing optical lens.
General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.
Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.
0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.
70% lumen maintenance at 60,000 hours.
LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated, ENERGY STAR® certified product.
WARRANTY — 5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/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.

A+ Capable options indicated by this color background.

ORDERING INFORMATION
Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 LO6AR LSS MVOLT EZ10

Series	Color temperature	Lumens[1]		Aperture/Trim Color		Finish		Voltage	
LDN6 6" round	27/ 2700K	05 500 lumens	25 2500 lumens	LO6 Downlight	AR Clear	LSS Semi-specular	MVOLT Multi-volt		
	30/ 3000K	07 750 lumens	30 3000 lumens	LW6 Wallwash	WR[2] White	LD Matte diffuse	120 120V		
	35/ 3500K	10 1000 lumens	40 4000 lumens		BB[2] Black	LS Specular	277 277V		
	40/ 4000K	15 1500 lumens	50 5000 lumens				347[3] 347V		
	50/ 5000K	20 2000 lumens							

Driver		Options			
GZ10	0-10V driver dims to 10%	SF[5]	Single fuse	N80[8]	nLight™ Lumen Compensation
GZ1	0-10V driver dims to 1%	TRW[4]	White painted flange	JOT[6]	Wireless room control with "Just One Touch" pairing
D10	Minimum dimming 10% driver for use with JOT	TRBL[4]	Black painted flange	NPS80EZ[7]	nLight™ dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).
D1	Minimum dimming 1% driver for use with JOT	EL[5]	Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	NPS80EZER[7]	nLight™ dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.
EZ10	0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10%	ELR[5]	Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	HA0[5]	High ambient option
		ELSD[5]	Emergency battery pack with self-diagnostics, integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	CP[5]	Chicago Plenum
EZ1	0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	ELRSD[5]	Emergency battery pack with self-diagnostics, remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	RRL	RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Available only in RRL4, RRL8, RRL4E, and RRL C125. Refer to RRL spec sheet on www.acuitybrands.com for the RELOC product specifications.
		E10WCP[5]	Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB		
EDAB	eldoLED DALI SOLIDRIVE dim to dark	E10WCPR[5]	Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDB	NLTAIR2[9,10]	nLight™ AIR enabled
		NPP16D[7]	nLight™ network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).	NLTAIRE2[9,10]	nLight™ AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options
		NPP16DER[7]	nLight™ network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.	NLTAIREM2[9,10]	nLight™ AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.
				SSPOM	US point of manufacture
				90CRI	High CRI (90+)

Accessories: *Order as separate catalog number.*

PS1050CP	FMC Power Sentry batterypack, T20 compliant, field installable, 10w constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA68 IZ	Oversized trim ring with 8" outside diameter[7]

Notes
1. Overall height varies based on lumen package; refer to dimensional chart on page 3.
2. Not available with finishes.
3. Not available with emergency options.
4. Must specify voltage 120V or 277V.
5. Available with clear (AR) reflector only.
6. 12.5" of plenum depth or top access required for battery pack maintenance.
7. Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
8. Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
9. Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options.
10. NLTAIR2, NLTAIRE2 and NLTAIREM2 not recommended for metal ceiling installations.
11. Fixture height is 6.3" for all lumen packages with HA0.
12. Must specify voltage for 3000lm and above. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.
13. Must specify D10 or D1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs.

CBP 2-1, LOT 3
PHOTOMETRICS
7755 GARY WATSON POINT
EL PASO COUNTY, CO

	REV	DESCRIPTION	DRAWN	CHECK	APPR	DATE

ISSUANCE:
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ARCHITECT:

PROJECT NO:
5151-20-05D

TITLE:
LIGHTING CUT SHEETS

SHEET NO:

PLOT DATE: 02/03/21 12:52 PM
BY: JEBKA
PROJ. FILE: P:\Hammers Construction\Grumpy Trumpaters 55a\Grumpy Trumpaters - Lot 3\Photometrica\CBP 2-1 Lot 3 - Photometrica.dwg