

LUMINAIRE SCHEDULE												
TAG	DESCRIPTION	INSTALLATION METHOD	QTY	LAMP		LUMEN OUTPUT		VOLTAGE	INPUT WATTS (MAX)	SHIELDING / OPTICS	FEATURES / OPTIONS	REFERENCED PRODUCTS
				SPEC	QTY	SPEC	CRI					
AA	POLE MOUNT AREALIGHT, SINGLE HEAD, TYPE II SHORT DISTRIBUTION	25' POLE (BASE INCL.)	17	LED	1	11,656	70	120-277	89	HOUSE-SIDE SHIELD	DARK BRONZE FINISH	LITHONIALIGHTING DSX0 LED P5 40K T2S MVOLT HS DDBXD
BB	POLE MOUNT AREALIGHT, SINGLE HEAD, RIGHT CORNER CUTOFF DISTRIBUTION	25' POLE (BASE INCL.)	1	LED	1	5,153	70	120-277	71		DARK BRONZE FINISH	LITHONIALIGHTING DSX0 LED P3 40K RCCO MVOLT DDBXD
CC	POLE MOUNT AREALIGHT, SINGLE HEAD, LEFT CORNER CUTOFF DISTRIBUTION	25' POLE (BASE INCL.)	1	LED	1	5,153	70	120-277	71		DARK BRONZE FINISH	LITHONIALIGHTING DSX0 LED P3 40K LCCO MVOLT DDBXD
DD	POLE MOUNT AREALIGHT, DOUBLE HEAD, TYPE II SHORT DISTRIBUTION	25' POLE (BASE INCL.)	1	LED	1	8,429	70	120-277	142	HOUSE-SIDE SHIELD	DARK BRONZE FINISH	LITHONIALIGHTING DSX0 LED P3 40K T2S MVOLT HS DDBXD
FF	6" ROUND DOWNLIGHT	RECESSED	6	LED	1	974	80	120-277	10.4	WET LOCATION RATED		LITHONIALIGHTING LDN6 40/10 L06AR LSS MVOLT
GG	12" ROUND FLUSH MOUNT LIGHT W/ POLYCARBONATE LENS	SURFACE	2	LED	1	1,077	85	120	16.6	WET LOCATION RATED	DARK BRONZE FINISH	LITHONIALIGHTING OLCFM15 DDB
HH	POST TOP AREALIGHT W/ ACRYLIC REFRACTOR PANELS	FENCE MOUNT	8	LED	1	5,000	65	120-277	57.4	WET LOCATION RATED	BRONZE FINISH	MCGRAWHEDISON TRR-50-LED-E1-5-BZ
KK	12" L CYLINDER WALL LIGHT	WALL	6	LED	1	550	90	120	14.7		BRONZE FINISH	KICHLER 11251AZT30
S04	LED BULLET FLOOD LIGHT	GROUND	13	LED	1	592	84	120-277	10.5		DARK BRONZE FINISH	LITHONIALIGHTING QLBF 8 30K DDB
GENERAL NOTES A. REFERENCED PRODUCTS CONFORM TO THE LUMINAIRE DESIGN INTENTS ESTABLISHED IN THE PROJECT SPECIFICATIONS. EQUIVALENT PRODUCTS BY OTHER MANUFACTURER'S MAY BE CONSIDERED PRIOR TO BID. B. COORDINATE FINAL FINISH AND REFLECTOR COLORS WITH ARCHITECT PRIOR TO PLACING ORDER. C. LISTED SIZES, LAMPING, AND TYPES OF LUMINAIRES MAY NOT BE AVAILABLE FROM ANY GIVEN MANUFACTURER OR SERIES. D. ALERT ARCHITECT AND ELECTRICAL ENGINEER OF DISCREPANCIES PRIOR TO BID. NOTES 1. LIGHT LOSS FACTOR (LLF) EQUALS 1.												

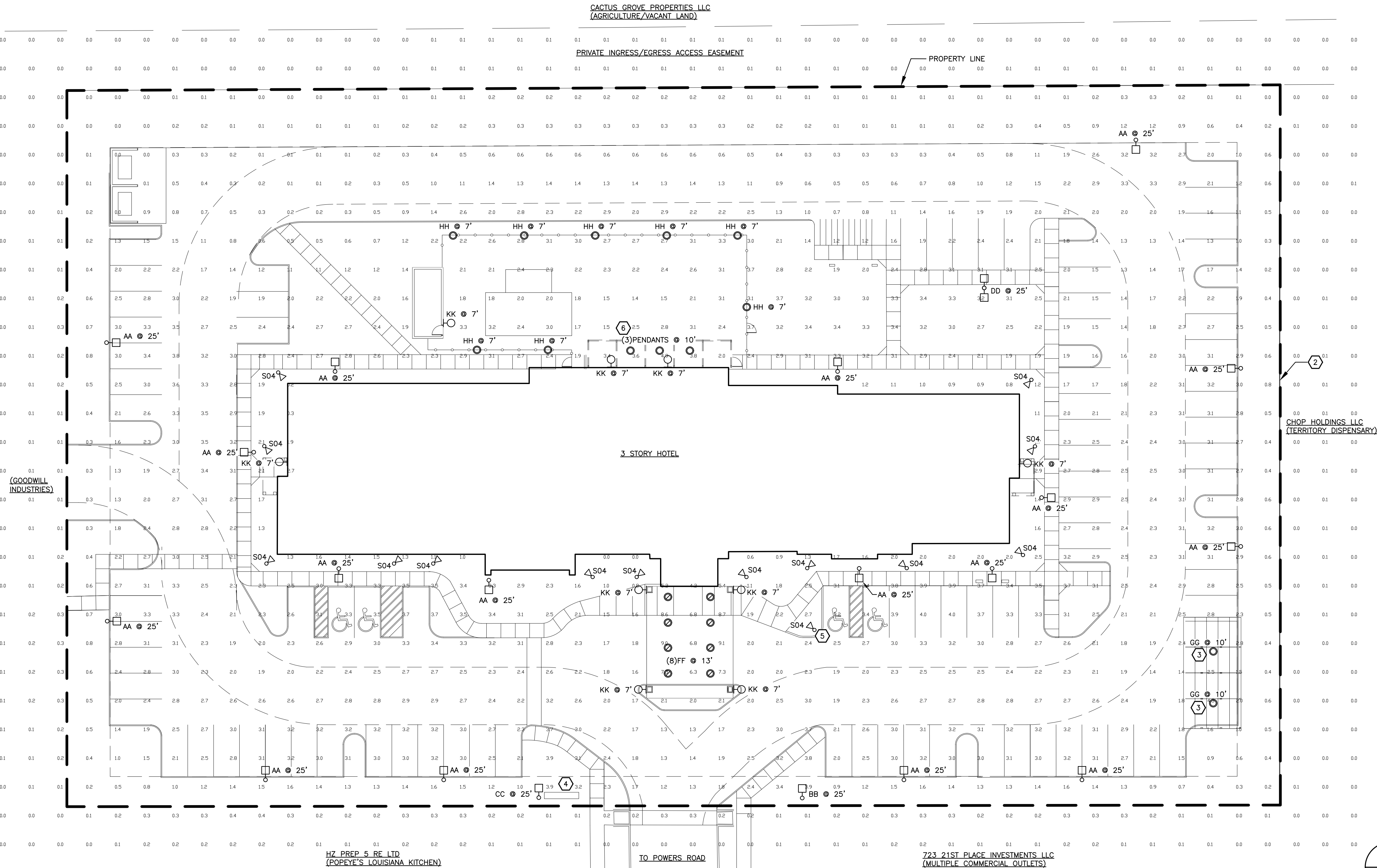
STATISTICS					
DESCRIPTION	AVG (ft)	MAX (ft)	MIN (ft)	MAX/MIN	AVG/MIN
PORTE COCHERE	7.1	9.1	4.2	2.2:1	1.7:1
COVERED PARKING	3.0	5.0	1.5	3.3:1	2.0:1
POOL AREA	2.6	4.9	1.4	3.5:1	1.9:1
SITE AREA	1.4	9.1	0.0	N/A	N/A

GENERAL NOTES:

- A. EXTERIOR LIGHTING IS DESIGNED FOR DUSK TO DAWN OPERATION VIA PHOTOCELL ON, TIMECLOCK OFF. FOR THE SAFETY OF GUESTS AND DUE TO THE HOTEL OPERATING 24/7, AN AFTER HOURS REDUCTION IN LIGHT LEVELS IS NOT REQUIRED.

WORK NOTES:

1. NOT USED.
2. SIX FOOT FENCE ALONG PROPERTY LINE.
3. COVERED PARKING AREA.
4. MONUMENT SIGN; COORDINATE LIGHTING WITH MANUFACTURER OR VENDOR PRIOR TO ROUGH-IN.
5. PROVIDE FLOOD LIGHT FIXTURE 'S04' IF FLAG POLE IS PRESENT.
6. FIXTURES ARE MOUNTED ON TRELLIS. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATION DETAILS.



SEAL:



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323 THIRD AVE, #100, LONGMONT, CO 80501
TEL: (303) 678.1108 • FAX: (303) 678.1142 • PCDEENGINEERING.COM

NOTICE: DUTY OF COOPERATION Release of these plans contemplates further coordination among the owner, his contractor(s), the architect and engineers. Design and construction are complex. Although the architect and his consultants have performed their services with due care and diligence, they cannot guarantee perfection. Communication is imperfect, and every contingency cannot be anticipated. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to the architect. Failure to notify the architect compounds misunderstanding and increases construction costs. A failure to cooperate by a notice to the architect shall relieve the architect/engineer from responsibility for all consequences. Changes made from the plans without consent of the architect are unauthorized, and shall relieve the architect/engineer of responsibility for all consequences caused by such changes.

REVISIONS

DATE	DESCRIPTION	NO.
03/27/20	SITE PHOTOMETRICS	0
12/17/20	SITE PHOTOMETRICS	1

PROJECT TITLE: MESA CHOICE HOTEL DUAL BRAND SLEEP INN/MAINSTAY SUITES

PROJECT NAME: _____

OWNER: _____

ADDRESS: 5351 SOUTH POWER RD.

MESA, ARIZONA 85212

SHEET TITLE: PHOTOMETRIC SITE PLAN

DRAWN BY: ER
CHECKED BY: PD
PROJECT NO: 19137

E1.1

1
E1.1

SITE PHOTOMETRICS
SCALE: 1"=20'-0"



FIXTURE 'AA', 'BB', 'CC', 'DD'



D-Series Size 0 LED Area Luminaire

Specifications

EPA: 0.95 ft² (0.09 m²)

Length: 26" (660 mm)

Width: 13" (330 mm)

Height: 3" (76 mm)

Height: 7" (178 mm)

Weight (max): 16 lbs (7.3 kg)

Ordering Information

EXAMPLE: DSX0 LED P6 40K TM3 MVOLT SPA NLTAIR2 PIRHN DBR8D

Series	LED	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	Forward optics	P1	P1	T5	Type I (short)
		P2	P2	T5	Type I (medium)
		P3	P3	T5	Type I (long)
		P4	P4	T5	Type I (very long)
		P5	P5	T5	Type I (very long)
	Retained optics	P10	P10	T5	Type I (short)
		P11	P11	T5	Type I (medium)
		P12	P12	T5	Type I (long)
		P13	P13	T5	Type I (very long)
		P14	P14	T5	Type I (very long)

FIXTURE 'GG'



LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTRODUCTION — The D-Series provides years of maintenance-free general illumination for residential and commercial outdoor applications such as patios, covered walkways and stone retaining walls.

CONSTRUCTION — Hinged cast-aluminum top plate and outer ring are protected by a thermoplastic powder coat finish that provides superior resistance to corrosion and weathering. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

ELECTRICAL — Features a 120V/277V LED driver with integrated surge protection. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

FINISH — Powder coat finish provides superior resistance to corrosion and weathering. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

Ordering Information

EXAMPLE: OLCFM 15 DOB

Series	Light Engine	Color Temperature (CCT)	Voltage	Finish
OLCFM	15	4000K	120V	Dark bronze
		4000K	120V	White

FIXTURE 'HH'



McGraw-Edison

DESCRIPTION

The Traditionaire™ luminaire displays the old-fashioned charm of traditional area lighting, enhancing any setting with a distinctive styling. UL listed and CSA certified for wet locations.

As a decorative luminaire, the Traditionaire luminaire tastefully complements the architectural and environmental design of estates, parks, hotels, restaurants, apartments, churches, institutions and roadways.

ORDERING INFORMATION

EXAMPLE: TRB 65 LED E1.5-BK

Product Family	Lamp Package	Source Type	Voltage	Distribution	Color
TRB Traditionaire	65-000 Lumens	LED - Solid State Lighting	E1-Electronic 120-277V	2" Type I 6" Type II	Black, Bronze, White, Dark Bronze, Dark Platinum, Dark Graphite Metallic



LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTRODUCTION — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting bracket, stainless steel junction box with hinged access door and spring latches. Reflector is recessed by spring clips. Vertically adjustable mounting brackets with commercial bar hanger provide 1/4" total adjustment. Two construction "V" and "W" brackets for strength through standard use. Capacity 4 ft x 4 ft, net. No. 12 AWG conductor, rated for 10°C.

ELECTRICAL — Made with 120V/277V LED driver with integrated surge protection. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

Ordering Information

EXAMPLE: LDN6 35/15 LGR48 LSS MVOLT E270

Series	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage		
LDN6	E270	27	2700K	05	500 lumens	25	2500 lumens
		30	3000K	07	750 lumens	30	3000 lumens
		35	3500K	10	1000 lumens	40	4000 lumens
		40	4000K	12	1200 lumens	50	5000 lumens
		50	5000K	20	2000 lumens		



LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTRODUCTION — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting bracket, stainless steel junction box with hinged access door and spring latches. Reflector is recessed by spring clips. Vertically adjustable mounting brackets with commercial bar hanger provide 1/4" total adjustment. Two construction "V" and "W" brackets for strength through standard use. Capacity 4 ft x 4 ft, net. No. 12 AWG conductor, rated for 10°C.

ELECTRICAL — Made with 120V/277V LED driver with integrated surge protection. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

Ordering Information

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Series	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage		
LDN6	E270	27	2700K	05	500 lumens	25	2500 lumens
		30	3000K	07	750 lumens	30	3000 lumens
		35	3500K	10	1000 lumens	40	4000 lumens
		40	4000K	12	1200 lumens	50	5000 lumens
		50	5000K	20	2000 lumens		



Cooper Lighting

DESCRIPTION

The Traditionaire™ luminaire displays the old-fashioned charm of traditional area lighting, enhancing any setting with a distinctive styling. UL listed and CSA certified for wet locations.

As a decorative luminaire, the Traditionaire luminaire tastefully complements the architectural and environmental design of estates, parks, hotels, restaurants, apartments, churches, institutions and roadways.

ORDERING INFORMATION

EXAMPLE: TRB 65 LED E1.5-BK

Product Family	Lamp Package	Source Type	Voltage	Distribution	Color
TRB Traditionaire	65-000 Lumens	LED - Solid State Lighting	E1-Electronic 120-277V	2" Type I 6" Type II	Black, Bronze, White, Dark Bronze, Dark Platinum, Dark Graphite Metallic

FIXTURE 'FF'



LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTRODUCTION — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting bracket, stainless steel junction box with hinged access door and spring latches. Reflector is recessed by spring clips. Vertically adjustable mounting brackets with commercial bar hanger provide 1/4" total adjustment. Two construction "V" and "W" brackets for strength through standard use. Capacity 4 ft x 4 ft, net. No. 12 AWG conductor, rated for 10°C.

ELECTRICAL — Made with 120V/277V LED driver with integrated surge protection. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

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		30	3000K	07	750 lumens	30	3000 lumens
		35	3500K	10	1000 lumens	40	4000 lumens
		40	4000K	12	1200 lumens	50	5000 lumens
		50	5000K	20	2000 lumens		

FIXTURE 'KK'



LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTRODUCTION — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting bracket, stainless steel junction box with hinged access door and spring latches. Reflector is recessed by spring clips. Vertically adjustable mounting brackets with commercial bar hanger provide 1/4" total adjustment. Two construction "V" and "W" brackets for strength through standard use. Capacity 4 ft x 4 ft, net. No. 12 AWG conductor, rated for 10°C.

ELECTRICAL — Made with 120V/277V LED driver with integrated surge protection. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

Ordering Information

EXAMPLE: LDN6 35/15 LGR48 LSS MVOLT E270

Series	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage		
LDN6	E270	27	2700K	05	500 lumens	25	2500 lumens
		30	3000K	07	750 lumens	30	3000 lumens
		35	3500K	10	1000 lumens	40	4000 lumens
		40	4000K	12	1200 lumens	50	5000 lumens
		50	5000K	20	2000 lumens		

FIXTURE 'LL'



LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTRODUCTION — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting bracket, stainless steel junction box with hinged access door and spring latches. Reflector is recessed by spring clips. Vertically adjustable mounting brackets with commercial bar hanger provide 1/4" total adjustment. Two construction "V" and "W" brackets for strength through standard use. Capacity 4 ft x 4 ft, net. No. 12 AWG conductor, rated for 10°C.

ELECTRICAL — Made with 120V/277V LED driver with integrated surge protection. A highly controlled multi-stage process ensures maximum finish thickness for finish that can withstand extreme climate changes without cracking or peeling.

Ordering Information

EXAMPLE: LDN6 35/15 LGR48 LSS MVOLT E270

Series	Color temperature	Lumens	Aperture/Trim Color	Finish	Voltage		
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		35	3500K	10	1000 lumens	40	4000 lumens
		40	4000K	12	1200 lumens	50	5000 lumens
		50	5000K	20	2000 lumens		

TYPE AA, BB, CC, DD, FIXTURE & POLE DETAIL
NO SCALE

POLE BASE DETAIL
NO SCALE

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REVISIONS		
DATE	DESCRIPTION	NO.
03/27/20	SITE PHOTOMETRICS	0
12/17/20	SITE PHOTOMETRICS	1

PROJECT TITLE:	MESA CHOICE HOTEL
PROJECT NAME:	DUAL BRAND 'SLEEP INN/MANSTAY SUITES
OWNER:	5351 SOUTH POWER RD.
ADDRESS:	MESA, ARIZONA 85212
SHEET TITLE:	PHOTOMETRIC LIGHTING DETAILS
DRAWN BY:	ER
CHECKED BY:	PD
PROJECT NO:	19137

E1.2