Type: A1

Light Fixture Cutsheets — CED National Accounts Design Solutions

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: A1	Catalog #: CED-SCP-SCC-A1

*Designed for use with LED transformer. Requires magnetic low voltage dimmer.

**Please see Adjust-e-Lume photometry to determine desired intensity.

***The 360SL cost is already included in the price of UPM, UPM dual, and Power Canopy.

CATALOG NUMBER LOGIC
Example: B - DS - LED - e64 - SP - A7 - BZP - 12 - 11 - A - 360SL
MATERIAL
(Blank) - Aluminum B - Brass S - Stainless Steel
SERIES
DS - Delta Star
SOURCE
LED - with Integral Dimming Driver (25W min. load when dimmed)*
LED TYPE
e64 - 7W LED/2700K e79 - 7W LED/2700K 90CRI
e65 - 7W LED/3000K e80 - 7W LED/3000K 90CRI
e66 - 7W LED/4000K e81 - 7W LED/3500K 80CRI
e74 - 7W LED/Amber
OPTICS
NSP - Narrow Spot (13°) MFL - Medium Flood (23°)
SP - Spot (16°) WFL - Wide Flood (31°)
ADJUST-E-LUME® OUTPUT INTENSITY**
A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1
FINISH (See page 2 for full-color swatches)
Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)
Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)
Also available in RAL Finishes
Brass Finishes (MAC, POL, MIT)
Stainless Steel Finishes (MAC, POL)
LENS TYPE
12 - Soft Focus 13 - Rectilinear
SHIELDING
11 - Honeycomb Baffle
CAP STYLE
A - 45°
B - 90°
C - Flush Lens
D - 45° Less Weephole (Interior use only)
E - 90° Less Weephole (Interior use only)
F - 90° with Flush Lens
OPTION
360SL - Knuckle Mounting System***
MOD OPTIONS
5 - 5 Ft Leads
25 - 25 Ft Leads

Type: A2

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: A2	Catalog #: CED-SCP-SCC-A2

*Designed for use with LED transformer.

**Please see Adjust-e-Lume photometry to determine desired intensity.

CATALOG NUMBER LOGIC
Example: AW - LED - e65 - WFL - A9 - MAC - 12 - 11 - CPC
MATERIAL
Brass
SERIES
AW - Adjustable Well Star
SOURCE
LED - with Integral Dimming Driver (25% min. load when dimmed)*
LED TYPE
e64 - 7W LED/2700K e79 - 7W LED/2700K 90CRI
e65 - 7W LED/3000K e80 - 7W LED/3000K 90CRI
e66 - 7W LED/4000K e81 - 7W LED/3500K 80CRI
e74 - 7W LED/Amber
OPTICS
NSP - Narrow Spot (13°) MFL - Medium Flood (23°)
SP - Spot (16°) WFL - Wide Flood (31°)
ADJUST-E-LUME OUTPUT INTENSITY**
A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1
FINISH (See page 2 for full-color swatches)
Standard Finishes (BZW, BLW, WHW, VER)
Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)
Also available in RAL Finishes
Brass Finishes (MAC, POL, MIT)
LENS TYPE
12 - Soft Focus 13 - Rectilinear
SHIELDING
11 - Honeycomb Baffle
OPTION
CPC - Concrete Pour Collar
MOD OPTION
25 - 25 Ft Leads

Type: A2 ALT 1

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: A2 ALT 1	Catalog #: CED-SCP-SCC-A2ALT1

*Only available with x58-x63.

**Only available with x43-x45.

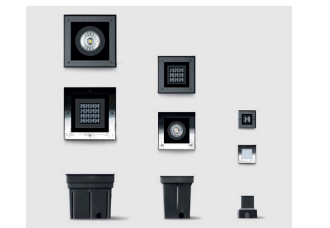
***Select up to 2. Accessory Holder required.

****120V only.

CATALOG NUMBER LOGIC
Example: B - AGI2 - 12 - LED - TR - x61 - SP - SAP - 10/11 - INC - MT - AH
MATERIAL
(Blank) - Aluminum B - Brass S - Stainless Steel
SERIES
AGI2 - Above Ground In-grade
HEIGHT ABOVE
12 - 12"
18 - 18"
SOURCE
LED - Chip on Board Technology
HOUSING
TR - Integral Housing
LED TYPE
x58 - 12W LED/2700K x61 - 20W LED/2700K x43 - 34W LED/2700K
x59 - 12W LED/3000K x62 - 20W LED/3000K x44 - 34W LED/3000K
x60 - 12W LED/4000K x63 - 20W LED/4000K x45 - 34W LED/4000K
OPTICS
SP - Spot (15°)* FL - Flood (35°)*
NFL - Narrow Flood (25°)** WFL - Wide Flood (60°)
FINISH (See page 2 for full-color swatches)
Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)
Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)
Also available in RAL Finishes
Brass Finishes (MAC, POL, MIT)
Stainless Steel Finishes (MAC, POL)
ACCESSORY***
10 - Spread Lens
11 - Honeycomb Baffle
12 - Soft Focus Lens
13 - Rectilinear Lens
CONTROL TYPE
ELV - Dimming Driver (For use with Electronic Low Voltage Dimmer)****
INC - Dimming Driver (For use with Incandescent Dimmer)****
010 - 0-10V Dimming Driver (Dimming 1 - 100%)
INPUT VOLTAGE
MT - 120-277 VAC Input
OPTIONS
AH - Accessory Holder

Type: A3

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: A3	Catalog #: CED-SCP-SCC-A3



Collection of inground recessed luminaires for exterior applications. Available in 4 sizes with round or square design. Exceptional European build quality with high corrosion resistant finish. Robust marine grade die-cast aluminum construction, stainless steel fasteners and glass diffuser. Stainless steel 316L face plate with beveled edges.

Luminaire characteristics:	**Power input:** 2.5W to 33.5W **Lumens:** 19lm to 2600lm (for 3000K, 90CRI) **Luminaire efficacy:** Up to 83 lm/W
Source:	White LED module (LM-80) 2700K: 90CRI, 3000K: 90CRI, 4000K: 90CRI.
Lumen maintenance:	70% of initial lumens at 50 000 hours (L70), (LM79).
Optics:	Adjustable optics (±15°): Spot, narrow flood and asymmetrical. Fixed optic: Wide flood
Material:	Body: Die-cast aluminum. Trim: 2mm thick stainless steel or aluminum. Reflector: 99.98% pure aluminum Diffuser: 8, 10 or 12mm thick acid or semiacid-etched tempered glass. Hardware: Stainless steel screws and silicone gaskets. Back box: Polypropylene
Mounting:	Inground installation using back box. Supplied with 36" outdoor rated cable. Longer cords available on request. Separate waterproof wiring box to be provided by the contractor. Ensure proper drainage.
Electrical:	Microzip: Remote LED driver options on page 3-4. Zip and Megazip: Integral high efficiency LED driver, rated at 50 000 hours, 120-277V.
Dimming:	0-10V dimming (120-277V), down to 15%. See remote LED driver options on page 3.
Finish:	Stainless steel or aluminum black painted. Painted finish follows a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.
Weight:	Microzip comfort: 1.3lbs (0.6kg). Zip comfort: 7.5lbs (3.4kg). Megazip comfort: 12.8lbs (5.8kg).
Max. load capacity:	2204Lbs (1000kg)
Glass surface temperature:	Less than 37°C (99°F)
Warranty:	5 year limited warranty.
Ratings:	IP67, IK09
Certification:	cULus listed for wet location.

Type: B1

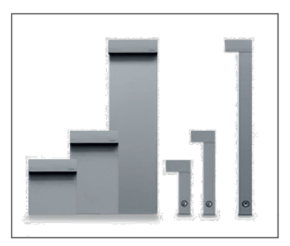
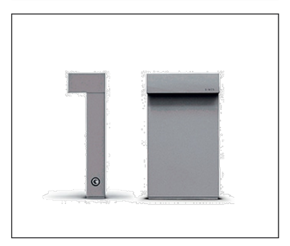
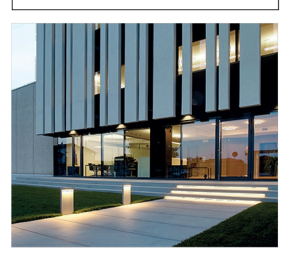
Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: B1	Catalog #: CED-SCP-SCC-B1

Collection of exterior bollards for commercial and institutional applications. Available in a round, square design with 3 mounting heights for diverse applications, scale and design.
Robust aluminum alloy construction with stainless steel fasteners, factory sealed diffuser and lenses, with five layers corrosion resistant finish. Low luminance with light source regressed inside the luminaire and shielded from all viewing angles. The wide uniform distribution allows greater luminaire spacing while maintaining good visual comfort and eliminate light pollution.

Luminaire characteristic:	**Power input:** 10.1W or 11.2W (system wattage) **Lumens:** 224lm to 697lm (for 3000K, 80CRI) **Luminaire efficacy:** Up to 65lm/W
Source:	White LED (LM-80), 3000K: 80CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 79 000 hours (L80)
Optic:	360° symmetrical optic or 180° asymmetrical optic. Super comfort protective screen and full cut-off version for zero uplight emission.
Material:	Body: Extruded aluminum Base: Die cast aluminum with stainless steel rods Diffuser: Opal white anti UV polycarbonate Hardware: Stainless steel screws
Mounting:	Install with fixing plate accessory or fasten to ground. Supplied with 3ft (1m) of the power cable minimum.
Electrical:	Integral high efficiency dimmable LED driver, rated at 50 000 hours. 120V-277V. 10kV surge protection (differential and common mode).
Dimming:	Down to 10%, 0-10V (120-277V).
Finish:	Black, Rust brown or Gray (RAL9007) painted finish with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied, durable acrylic enamel baked at high temperatures for superior color retentive finish.
Weight:	Small: 7.7lbs (3.5kg) Medium: 14.1lbs (6.4kg) Large: 17.6lbs (8.0kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK10
Certification:	cULus listed for wet location.

Type: B1 ALT 1

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: B1 ALT 1	Catalog #: CED-SCP-SCC-B1ALT1

Ground mounted bollard suitable for walkways and paths, being a valid alternative to a wall mounted illumination.

Luminaire characteristics:	**Power input:** 12.5W to 48W **Lumens:** 333lm to 936lm (for 3000K, 90CRI) **Luminaire efficacy:** Up to 26lm/W
Source:	LED module (LM-80 tested) 2700K: 90CRI, 3000K: 90CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 70 000 hours (L70)(LM80).
Optics:	Accent light. Diffuser: Toughened glass.
Mounting:	Install with flange accessory or fasten to ground.
Electrical:	High efficiency electronic LED driver, rated at 50 000 hours, 120-277V.
Dimming:	0-10V (120-277V), down to 15%.
Finish:	White, aluminum gray, burnished bronze or anthracite gray painted finish, following a double powder paint in 3 step process:surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions. White and burnished bronze available with teak wood accent.
Weight:	Mini look bollard: SL9206: 6.21lb (2.82kg) SL9211: 12.7lb (5.76kg) S7206: 3.3lb (1.5kg) S7211: 7.94lb (3.6kg) Mini look bollard double: S7215: 3.3lb (1.5kg) S7220: 7.94lb (3.6kg) Look bollard: S7260: 10.4lb (4.7kg) S7261: 15.4lb (7kg) S7262: 20.3lb (9.2kg) Look bollard double: S7265: 12lb (5.5kg) S7266: 17lb (7.7kg) S7267: 22lb (9.9kg)
Warranty:	5 year limited warranty.
Ratings:	IP65, IK06
Certification:	cULus listed for wet location

Type: B1 ALT 2

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: B1 ALT 2	Catalog #: CED-SCP-SCC-B1ALT2

Ground mounted bollard suitable for walkways and paths, being a valid alternative to a wall recessed illumination.

Luminaire characteristics:	**Power input:** 41.3W **Lumens:** 1528lm (for 3000K 90CRI) **Luminaire efficacy:** Up to 38lm/W
Source:	LED Module(LM-80 tested) 2700K: 90CRI, 3000K: 90CRI, 4000K: 90CRI.
Lumen maintenance:	80% of initial lumens at 70 000 hours (L80)(LM-79)
Optics:	Accent light
Material:	Body: Die-cast and extruded aluminum Diffuser: Clear reeded polycarbonate Hardware: Stainless steel screws and silicone gaskets
Mounting:	Install with flange accessory or fasten to ground
Electrical:	High efficiency electronic LED driver. Rated 50 000 hours, 120V-277V
Dimming:	0-10V (120-277V), down to 15%.
Finish:	Aluminum gray
Weight:	S5334 7.6 kg S5339 10.8 kg
Warranty:	5 year limited warranty
Ratings:	IP65, IK10
Certification:	cULus listed for wet location.

Type: B1 ALT 3

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: B1 ALT 3	Catalog #: CED-SCP-SCC-B1ALT3

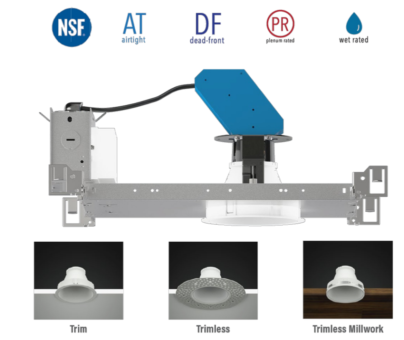
Ground mounted bollard suitable for walkways and paths, being a valid alternative to a wall mounted illumination.

Luminaire characteristics:	**Power input:** 13.5W or 24W **Lumens:** 485lm to 950lm (for 3000K, 90CRI) **Luminaire efficacy:** Up to 39lm/W
Source:	LED module (LM-80 tested) 2700K: 90CRI, 3000K: 90CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 70 000 hours (L80)(LM79)
Optics:	Accent light.
Material:	Body: Die-cast aluminum Diffuser: Clear tempered glass. Methacrylate concentrating lens combined with a narrow beam shutter is used to achieve a blade of light effect. Hardware: Stainless steel screws and silicone gaskets
Electrical:	Universal high efficiency electronic LED driver rated at 50 000 hours, 120-277V.
Dimming:	Optional 0-10V (120-277V), down to 10%.
Finish:	White, black, aluminum gray and burnished bronze. White and burnished bronze available with teak wood accent.
Weight	S7236: 2.43lb (1.1kg) S7241: 6.39lb (2.9kg) SL9236: 2.43lb (1.1kg) SL9241: 6.39lb (2.9kg) S7245: 8.16lb (3.7kg) S7246: 13.23lb (6kg)
Warranty:	5 year limited warranty.
Ratings:	IP54, IK06
Certification:	cULus listed for wet location

Type: D1

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: D1	Catalog #: CED-SCP-SCC-D1

NSF AT airtight DF dead-front PR plenum rated wet rated



20° - 50° BEAM (Note: Specifications are subject to change without notice)

9mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	920LM @30K/80CRI	9W
15LM	1340LM @30K/80CRI	13W
20LM	1740LM @30K/80CRI	17W
25LM	2120LM @30K/80CRI	22W
30LM	2550LM @30K/80CRI	27W
35LM	3050LM @30K/80CRI	34W
40LM	3420LM @30K/80CRI	40W
10LM	780LM @30K/90CRI	9W
15LM	1140LM @30K/90CRI	13W
20LM	1480LM @30K/90CRI	17W
25LM	1800LM @30K/90CRI	22W
30LM	2170LM @30K/90CRI	27W
35LM	2600LM @30K/90CRI	34W
40LM	2910LM @30K/90CRI	40W
Notes	Delivered lumens based on 30D optic with no lens, (see page 2)	

15° BEAM (Note: Specifications are subject to change without notice)

6mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1000LM @30K/80CRI	11W
15LM	1450LM @30K/80CRI	19W
20LM	1850LM @30K/80CRI	31W
10LM	850LM @30K/90CRI	11W
15LM	1240LM @30K/90CRI	19W
20LM	1570LM @30K/90CRI	31W
Notes	Delivered lumens based on 15D optic with no lens, (see page 2)	

9.9° BEAM (Note: Specifications are subject to change without notice)

4.5mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1210LM @30K/80CRI	17.5W
10LM	1030LM @30K/90CRI	17.5W
Notes	Delivered lumens based on 9D optic with no lens, (see page 2)	

eldoLED LUTRON CASAMBI nLIGHT

FEATURES
- Quiet ceiling achieved through 2.5" deep regress
- Superior 38.5° cut off angle
- UGR <5
- 9° - 50° optical beam control
- Multiple mounting, glare control options, trims, and finishes available

DIMMING AND CONTROLS
- eldoLED flicker free 0-10V dimming to 0% and 1%
- eldoLED flicker free DALI dimming to 0% and 1%
- DMX dim to zero
- Lutron Hi-lumen 2-Wire (Triac and Eco System) dimming to 0.1% and 1%
- Leading & trailing edge (Triac/ELV) dimming to 1%
- Casambi bluetooth dimming to 0.1%
- NLight control interface dimming to 0%

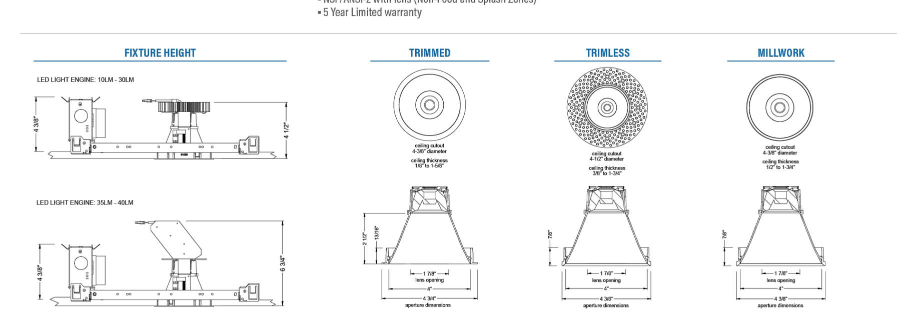
CONSTRUCTION
- Lexan™ (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless BLE signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gague cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1"-5/8

LED
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (Shower Approved)
- Made in the USA - meets the requirements of the Buy American provision within the ARRA
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

ELECTRICAL
- 120V only Triac/ELV, 120V-277V
- Power factory ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT **TRIMMED** **TRIMLESS** **MILLWORK**



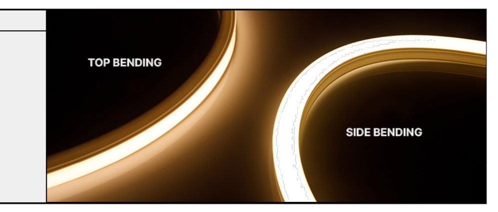
Type: L1

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: L1	Catalog #: CED-SCP-SCC-L1

Linear LED Lighting

Full diffusion, precision light quality, and physical durability for reliably beautiful lighting. Suitable for every application, including indoor and outdoor, submerged in water, and in extreme weather conditions. Buy American Act compliant and Made in the USA.

FEATURES
- Objectively superior CRI, Gamut, and Fidelity
- Seamless end-to-end mounting for limitless linear runs
- Top-bending and side-bending options with multiple output levels
- Stabilized for UV for outdoor use
- IP69 for submersible applications
- UL676 listed for pools, spas, saunas and steam rooms
- NSF component approved



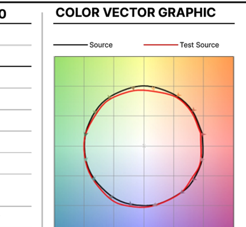
ORDERING CODES

Fixtures built to order

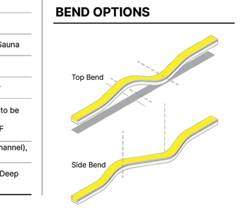
Diode LED	Voltage	Bend Style/Model	CCT	Length	Mounting
DI					
	24V	TE-ATX-130 (Top Bend) SE-ATX-250 (Side Bend) TE-ATX-400 (Top Bend)	24 (2400K) 35 (3500K) 27 (2700K) 40 (4000K) 30 (3000K)	Length (in.) (2 - 192 in.)	RTCL (Rotating Clip) WMS (Wire Management System) 90CL (90° Clip) MTCH (Mounting Channel) SPCH (Spine Channel) MTCL (Mounting Clip)

	24V-TE-ATX-130	24V-SE-ATX-250	24V-TE-ATX-400
Voltage	24V	24V	24V
Wattage	1.8W/ft.	5.6W/ft.	4.6W/ft.
Lumens 2400K	141/ft.	261/ft.	380/ft.
Lumens 2700K	141/ft.	266/ft.	409/ft.
Lumens 3000K	123/ft.	314/ft.	393/ft.
Lumens 3500K	133/ft.	320/ft.	410/ft.
Lumens 4000K	127/ft.	271/ft.	422/ft.
Max Length (With Seamless Interconnection, On One Circuit)	55 feet	20 feet	30 feet
Max Length (Single Piece)	26.25 feet, Straight Wire Only	16 feet	20 feet, Straight Wire Only
Dimmable	Dim to Dark - see driver options	Dim to Dark - see driver options	Dim to Dark - see driver options
Field Cuttable	No	No	No
Bend Radius	6 in.	6 in.	6 in.
Environment	Outdoor / Wet Location (IP69), Sauna	Outdoor / Wet Location (IP69), Sauna	Outdoor / Wet Location (IP69), Sauna
Ambient Temperature	-4 - 122°F (-20 ~ 50°C)	-4 - 122°F (-20 ~ 50°C)	-4 - 122°F (-20 ~ 50°C)
Ambient Temperature (Sauna)	180°F Max, <30% Humidity	180°F Max, <30% Humidity	180°F Max, <30% Humidity
Ambient Temperature (Deep Cold)	-40°F Min, Luminaire is required to be energized when temperature falls below -4°F	-40°F Min, Luminaire is required to be energized when temperature falls below -4°F	-40°F Min, Luminaire is required to be energized when temperature falls below -4°F
Certification	UL 2108, UL 676 (with Mounting Channel), NSF	UL 2108, UL 676 (with Mounting Channel), NSF	UL 2108, UL 676 (with Mounting Channel), NSF
Warranty	5 Years, 2 Years Sauna, 2 Years Deep Cold	5 Years, 2 Years Sauna, 2 Years Deep Cold	5 Years, 2 Years Sauna, 2 Years Deep Cold

COLOR VECTOR GRAPHIC

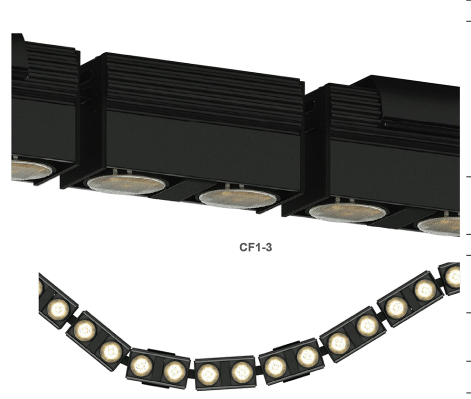


BEND OPTIONS



Type: L2

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: L2	Catalog #: CED-SCP-SCC-L2



ORDERING CODE LM-79

SERIES	COBRA	cove light
TYPE	CF1 CF1-L	cobra flex, standard cobra flex, louver
LED	SW	static white
SIZE	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1 link, 2-1/8", 330 lm delivered 2 link, 4-1/2", 660 lm delivered 3 link, 6-7/8", 990 lm delivered 4 link, 9-1/4", 1320 lm delivered 5 link, 11-1/2", 1650 lm delivered 6 link, 13-15/16, 1980 lm delivered 7 link, 16-5/16", 2310 lm delivered 8 link, 18-5/8", 2640 lm delivered 9 link, 21", 2970 lm delivered 10 link, 23-3/8", 3300 lm delivered 11 link, 25-3/4", 3630 lm delivered 12 link, 28-1/8", 3960 lm delivered 13 link, 30-1/2", 4290 lm delivered 14 link, 32-7/8", 4620 lm delivered 15 link, 35-3/16", 4950 lm delivered For additional lumen packages, see last page.
CCT	27K 30K 35K 40K 50K	2700K 3000K 3500K 4000K 5000K
CRI	90	90 CRI
LENS OPTION	10D 17D 29D WW 15X50E	10° lens, CBCP 4,400 per link (2X LED) 17° lens, CBCP 1,820 per link (2X LED) 29° lens, CBCP 475 per link (2X LED) wall wash, CBCP 185 per link (2X LED) 15° x 50° elliptical lens, CBCP 1060 per link (2X LED)
FINISH	BK WH GD BS	black white gold polished brass
MOUNTING OPTIONS	S	surface mount
ACCESSORIES	See page 3 for details.	
DIMMING	See last page for details.	

DESCRIPTION

COBRA Linear is a surface mounted modular system in extruded aluminum. It is segmented with two 330 lm LED segments for flexible radius of 24° max. COBRA is offered in 15 different lengths, from 1 segment and 15 segments. They are hard connected for durability and consistency to maintain a 1.18" pitch between the LEDs. Offered in several CCTs at 90CRI. Ideal for indirect cove illumination, to create a wall grazing effect for columns and curved architectonic surfaces. Mounting accessories included. Optional glare shield, honeycomb louver and color filters are offered. COBRA carries the first 5 Year FIXTURE WARRANTY.

HOUSING
- Anodized extruded aluminum
- Consult factory for custom finishes and lengths

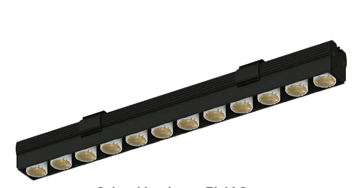
MOUNTING
- Surface mount with U-clips, included.

ELECTRICAL/CONTROLS
- 1 Link to 15 Link at max. 1050mA
- Remote class 2 power supply required
- Maximum 15 Link run per 50W driver
- Series shunt bypass ensures remaining operate if single link failure

LISTING
- cULus Listed to UL2108

LED INFO
- Nichia NVSL219CT SMD LED: 90 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 50,000 hrs

RELATED PRODUCTS



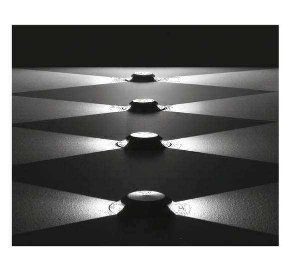
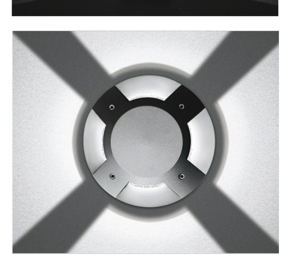
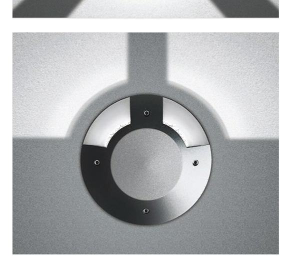
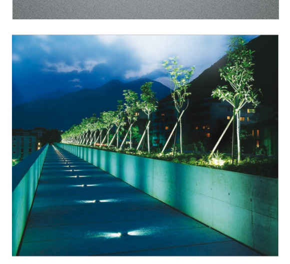
Cobra Linealuce - Rigid Cove

Note:

Used as straight runs for Cobra Flex. See Cobra Linealuce spec sheet

Type: M1

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: M1	Catalog #: CED-SCP-SCC-M1

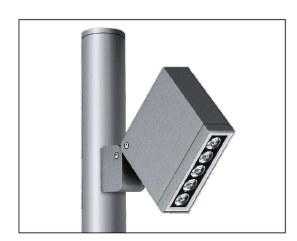
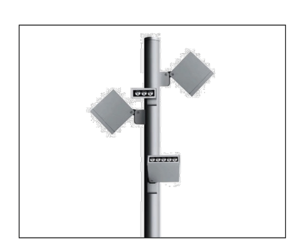





Surface mounted luminaire for exterior applications. Four floor grazing distributions to illuminate pathways, sidewalks, greenery or simply to create a pleasing lighting graphic effect. Walk over applications in most material like wood, pavers, or concrete. Unique surface mount design that simplify the installation. Simply fasten the luminaire to the floor with screws, no back box or clearance below grade is required. Drive over applications requires the mounting flange/anchor bolts accessory (to be ordered separately).

Luminaire characteristics:	**Power input:** 4W, 6W or 8W (system wattage) **Lumens:** 65lm, 130lm or 170lm (for 3000K, 80CRI) **Luminaire efficacy:** Up to 21lm/W
Source:	White LED (LM-80 tested) 3000K: 80CRI 4000K: 80CRI
Lumen maintenance:	70% of initial lumens at 50 000 hours (L70) (LM-79 tested)
Optics:	Surface grazing effect
Material:	Body: Die-cast aluminum Hardware: Stainless steel screws Diffuser: Polycarbonate
Mounting:	Install with flange for driveway areas. For walk over applications, fixture can be installed directly on surface using screw anchor for concrete or wood. Supplied with 20' (6m) power cable, connections to be made in a separate wiring box (By others).
Electrical:	See remote power supply options on page 3.
Dimming:	See dimming options on page 3.
Finish:	Aluminum gray painted finish, following a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.
Weight:	11.35lbs (5.15kg). (with flange accessory)
Load capacity:	Drive over 8800Lbs (4000kg) at 10km/h. (with flange accessory)
Warranty:	5 year limited warranty.
Ratings:	IP67, IK10
Certification:	Wet location

Type: P1

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: P1	Catalog #: CED-SCP-SCC-P1

Collection of pole mounted projector with minimal design for urban lighting. Suitable for a wide range of exterior architectural applications. Exceptional European build quality with high corrosion resistant finish.

Luminaire characteristics:	**Power input:** 16W **Lumens:** 1000 lm (delivered for 3000k) **Luminaire efficacy:** 60 lm/W
Source:	White LED (LM-80 Tested) 3000K: 90CRI 4000K: 90CRI
Lumen maintenance:	70% of initial lumens at 50 000 hours (L70) (LM-79 tested)
Optics:	Available in Narrow Spot, Narrow Flood or Elliptical with rotation around 3 axis. See details on page 2.
Material:	Body: Die-cast Aluminum Diffuser: Clear toughened glass Hardware: Stainless steel screws and silicone gaskets
Mounting:	Install on 4" (102mm) diameter pole. Supplied with 20ft of power cable.
Electrical:	Integral high efficiency electronic power supply, rated at 50 000 hours, 120-277V.
Finish:	White or Aluminum gray. Painted finish follows a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.
Weight:	4.4 lbs (2 kg)
EPA:	0.25ft² (0.023m²)
Warranty:	5 year limited warranty.
Ratings:	IP65, IK06
Certification:	cULus listed for wet location.

Type: P2

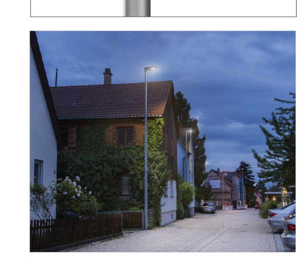
Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: P2	Catalog #: CED-SCP-SCC-P2

Pole mounted luminaire for urban lighting. Elegant minimal design blends in modern architectural environment. Type 2 light distribution with 0% Uplight. Ideal for area lighting.

Luminaire characteristics:	**Power input:** 46.5W or 81.5W **Lumens:** 3800 or 7400lm (for 4000K, 70CRI) **Luminaire efficacy:** up to 90lm/W
Source:	White LED (LM-80 Tested), 3000K: 70CRI, 4000K: 70CRI.
Lumen maintenance:	70% of initial lumens at 50 000 hours (L70) (LM79 tested)
Optics:	Street Optic : Type 2 Distribution. BUG rating : Small B1-U0-G1, Large B2-U0-G2.
Material:	Body: Die-cast and extruded aluminum. Diffuser: 5mm thick clear tempered glass. Hardware: Stainless steel screws and silicone gaskets.
Mounting:	Installs on 4" Ø pole with tenon of 3" Ø x 4⅜" H. Supplied with 20' (6m) long power cable. Wall mounted version installs onto a standard 4" octogonal junction box.
Electrical:	Integral high efficiency dimmable LED driver, rated 50 000 hours, 120-277V.
Dimming:	Down to 15%, 0-10V (120-277V).
Finish:	Aluminum gray painted finish, following a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions.
Weight:	14.11 to 17.19lbs (6.4 to 7.8kg).
EPA:	Small: 0.7ft² (0.065m²) Large: 0.97ft² (0.09m²)
Warranty:	5 year limited warranty.
Ratings:	IP65, IK09
Certification:	cULus listed for wet location.

Type: P2 ALT 1

Job Name:	SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
Contact:	KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: P2 ALT 1	Catalog #: CED-SCP-SCC-P2ALT1



The STREET lighting system is a perfect solution for urban lighting applications such as parking areas, roadways, parks and other pedestrian areas. The system takes advantage of the latest advancement in LED technology. With a simple design, the STREET is well suited for today's modern environment for new or existing installations.

Luminaire characteristics:	**Power input:** 23 to 88W **Lumens:** 2950 to 10 390lm (delivered) **Luminaire efficacy:** up to 132lm/W
Source:	White LED (LM-80 Tested) 3000K: 70CRI 4000K: 70CRI
Lumen maintenance:	80% of initial lumens at 100 000 hours (L80) (LM79 tested)
Optics:	Available in 4 different IESNA distributions: Type IMD, IIMD, IISD or IIVS.
Material:	Optical assembly and frame: Die-cast aluminum Lens: polymer optic lenses (Opti Smart Lens). Protective screen: 5mm thick Sodium-calcium tempered sealing glass.
Mounting:	Pole or wall mounted using mounting accessories. Pole accessories designed for Ø4" (102mm) pole, or for Ø1¾" to 3" (46 to 76mm) tenon. See page 4 for details.
Vibration:	3G Vibration rating (ANSI C136.31)
Electrical:	High efficiency electronic power supply, rated at 50 000 hours, 120-277V. Supplied with 10' (3m) power cable.
Dimming:	Supplied standard with 0-10V dimmable power supply (down to 10% dimming range).
Operating temperature:	-40°F to 122°F (-40°C to 50°C).
Finish:	Gray (RAL9007) painted finish with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied, durable acrylic enamel baked at high temperatures for superior color retentive finish.
Weight:	13.3 lbs (6.05 kg)
Warranty:	5 year limited warranty.
Ratings:	IP67, IK09
Certification:	cULus listed for Wet location

SCOTTSDALE CITY CENTER

7201 EAST CAMELBACK ROAD
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8280 E GELDING DRIVE, SUITE 101
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SMITHGROUP
LANDSCAPE ARCHITECT
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CED national accounts Design solutions
LIGHTING DESIGN
22785 SAVI RANCH PARKWAY
YORBA LINDA, CA 92887
562.926.7202

ISSUED FOR	REV	DATE
DEVELOPMENT REVIEW		11/11/2024
DR 1ST REVIEW COMMENTS		01/24/2025
DR 2ND REVIEW COMMENTS		05/16/2025

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

CONCEPTUAL PLANS FOR DRB REVIEW ONLY

SHEET TITLE

EXTERIOR LIGHTING MANUFACTURER CUT SHEETS

14165.000
PROJECT NUMBER

DRB 51.1
SHEET NUMBER

CED NATIONAL ACCOUNTS Design Solutions – Light Fixture Cutsheets	Job Name: SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
	Contact: KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: **S1**	Catalog #: CED-SCP-SCC-S1

SPECIFICATIONS

3 to 24 Watts

Up to 635 lumens

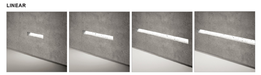
80 CRI

3000 / 4000 K

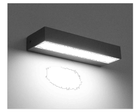
HORIZONTAL

SQUARE

LINEAR



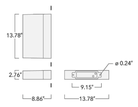
CED NATIONAL ACCOUNTS Design Solutions – Light Fixture Cutsheets	Job Name: SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
	Contact: KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: **W1**	Catalog #: CED-SCP-SCC-W1



Wall mounted accent light luminaire with direct light distribution that provides ambient light on vertical surfaces. Suitable for exterior applications

Luminaire characteristics:	Power input: 13.5W or 24W (System wattage) 11.7W or 18.6W (Source wattage) Lumens: 395lm to 887lm (for 3000K, 90CRI)
	Luminaire efficacy: Up to 48lm/W
Source:	LED module (LM-80 tested) 2700K: 80CRI; 3000K: 90CRI; 4000K: 80CRI;
Lumen maintenance:	80% of initial lumens at 70 000 hours (L70)/(LM80).
Optics:	Accent light. Diffuser: Toughened glass.
Material:	Body: Die-cast aluminum and oiled teak wood. Diffuser: Tempered glass. Mounting plate: Aluminum.
Mounting:	See mounting options on page 4.
Electrical:	High efficiency electronic LED driver, rated at 50 000 hours, 120-277V.See page 3 for remote LED driver options.
Dimming:	Optional 0-10V (120-277V), down to 10% for integral and remote version. optional LTE (leading and trailing edge), down to 15% for remote version only.
Finish:	White, aluminum gray, burnished bronze or anthracite gray painted finish, following a double powder paint in 3 step process: surface treatment containing ceramic nano particles (Bonderite). Epoxy primer paint. Polyester powder paint with high resistance against UV rays and harsh weather conditions. White and burnished bronze available with teak wood accent.
Weight:	Mini look: 1.87lb (0.85kg) Look: 3.3lb (1.5kg)
Warranty:	5 year limited warranty.
Ratings:	IP65, IK06,9013 (Look)
Certification:	cULus listed for wet location

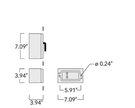
CED NATIONAL ACCOUNTS Design Solutions – Light Fixture Cutsheets	Job Name: SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
	Contact: KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: **W1 ALT 1**	Catalog #: CED-SCP-SCC-W1ALT1



Description

IP66. Class I. IK08. Marine-grade, die-cast aluminum alloy. SCE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. CAD-optimized optics for superior illumination and glare control. Integral driver. Advanced thermal management protects LEDs while optimizing lumens output. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation. Luminaire can be mounted for up or down lighting. Specify product with 7 Digit product code – Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX.9004 (Black) + XXX-XXXX.(Accessory 1)

CED NATIONAL ACCOUNTS Design Solutions – Light Fixture Cutsheets	Job Name: SCOTTSDALE CITY CENTER - SCOTTSDALE, AZ
	Contact: KRISTIN.DRUM@cednationalaccounts.com, (562) 926-7202
Type: **W1 ALT 2**	Catalog #: CED-SCP-SCC-W1ALT2



Description

Surface-mounted wall luminaire. ADA (American Disabilities Act) Compliant. IP66. Class I. IK08. Marine-grade, die-cast aluminum alloy. SCE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. CAD-optimized optics for superior illumination and glare control. Integral driver. DLC® One LED Concept. Advanced thermal management protects LEDs while optimizing lumens output. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation. Luminaire can be mounted for up or down lighting. Suitable for installation on ceiling or wall over 4" recessed junction box. Specify product with 7 Digit product code – Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX.9004 (Black) + XXX-XXXX. (Accessory 1)

SCOTTSDALE CITY CENTER

7201 EAST CAMELBACK ROAD
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LANDSCAPE ARCHITECT
455 N THIRD STREET, SUITE 250
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602.265.2200

CED national accounts Design solutions
LIGHTING DESIGN
22785 SAVI RANCH PARKWAY
YORBA LINDA, CA 92887
562.926.7202

ISSUED FOR	REV	DATE
DEVELOPMENT REVIEW		11/11/2024
DR 1ST REVIEW COMMENTS		01/24/2025
DR 2ND REVIEW COMMENTS		05/16/2025

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

CONCEPTUAL PLANS FOR DRB REVIEW ONLY

SHEET TITLE

EXTERIOR LIGHTING MANUFACTURER CUT SHEETS

PROJECT NUMBER 14165.000

SHEET NUMBER DRB **51.2**