

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE

Provides task or accent lighting in commercial, retail, hospitality and residential applications. Ideal for use under and over cabinets, display cases, task lighting, office lighting, coves and utility/work areas.

CONSTRUCTION

Low profile design, with on/off rocker switch. Can be direct wired or powered by 5' cord-and-plug (not included, see accessories). Connect up to 354 watts of fixtures with 13" connector cord or 7/8" end row connector (Included).

Rugged post-painted low-profile steel housing with white finish. Acrylic white diffuser provides soft widespread illumination with zip-lock design for easy installation, cleaning, and superior retention.

ELECTRICAL

Long-life LEDs, coupled with a high-efficiency driver, provide extended service life. Fixture is rated to deliver L70 performance at 50,000 hours and operates at 120 volts, 60Hz. Minimum starting temp -20F. Can direct-wire through rear access plate/knockout by utilizing the included Romex connector or by utilizing the optional UCD JB Junction/Splice box (sold separately).

Works with most standard incandescent dimmers (see list of approved dimmers).

INSTALLATION

All mounting hardware included.

LISTINGS

UL listed to US and Canadian safety standards. ENERGY STAR® certified product (3000K and 4000K only) and Title 24 qualified. Listed for damp locations.

WARRANTY

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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.

Indoor General Purpose

UCEL LED Linkable Cabinet Light

Linkable



SPECIFICATIONS	1'	2'	3'	4'
Lumens (3000K):	388	742	1162	1603
Watts (3000K):	5.8	10.2	14.8	19.5
Lumens per watt:	67	73	79	82
Length:	12 (30.5)	24 (61)	36 (91.4)	48 (121.9)
Width:	2.83 (7.2)	2.83 (7.2)	2.83 (7.2)	2.83 (7.2)
Height:	1.03 (2.6)	1.03 (2.6)	1.03 (2.6)	1.03 (2.6)
Weight:	1 (.45)	1.5 (.7)	2.3 (1)	3 (1.4)

All dimensions are inches (millimeters) unless otherwise indicated. Weights are pounds (kilograms).

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: UCEL 12IN 30K 90CRI SWR WH

Series	Length	Color temperature	CRI	Options	Finish
UCEL Economy LED Undercabinet	12IN 1' Nominal	40K 4000K ¹	90CRI >90	SWR On/off Rocker Switch	WH White
	24IN 2' Nominal	35K 3500K ²			
	36IN 3' Nominal	30K 3000K			
	48IN 4' Nominal	27K 2700K ²			

Accessories: Order as separate catalog number.

UC SFT POWERCORD WH	White 5' cord and plug
UCD JB	White Junction/Splice box - allows for quick and easy direct wiring (UC ERC24 also required for splice box to first fixture)
UC ERC	White 7/8" row connector for end-to-end connections (1 included with each fixture)
UC ERC24	White 24" connector cord for longer length connections between fixtures or splice box (required for splice box to first fixture)

Notes

- 60-day lead time for non-stock color temperatures; minimum 50 order quantity.
- 90-day lead time for non-standard color temperatures; minimum 50 order quantity.

UCEL LED Cabinet Light

PHOTOMETRIC DIAGRAMS

Photometry derived in accordance with IESNA LM41 procedure. Vertical and horizontal illuminance is calculated with fixture mounted 17" from work surface.
Full photometric data report available within 2 weeks from request. Consult factory.

Report ISF 30163 UCEL 121N

Initial Point Illuminance on wall and horizontal work surface. (fc)

X and Y coordinates are on 6" centers.

	X	A	B	C	D	E	F	G	H	I	
Vertical	1	2	5	11	21	26	21	11	6	2	Avg.=10 fc Max.=29 fc; Min.=1 fc Max. to min. ratio =29
	2	3	7	15	25	29	25	16	7	3	
	3	4	7	12	18	21	18	12	7	4	
Horizontal	4	6	10	18	27	31	27	18	10	6	Avg.=10 fc Max.=43 fc; Min.=1 fc Max. to min. ratio =43
	5	6	13	24	37	43	37	24	13	6	
	6	6	11	21	33	38	33	21	11	6	
	7	4	7	12	17	19	17	12	7	4	
	8	2	4	5	7	8	7	5	4	2	
	9	1	2	2	3	3	3	2	2	1	

Report ISF 30163 UCEL 241N

Initial Point Illuminance on wall and horizontal work surface. (fc)

X and Y coordinates are on 6" centers.

	X	A	B	C	D	E	F	G	H	I	
Vertical	1	4	9	22	41	49	41	22	9	4	Avg.=20 fc Max.=56 fc; Min.=2 fc Max. to min. ratio =28
	2	6	13	28	48	56	48	28	13	6	
	3	7	13	23	35	40	35	23	13	7	
Horizontal	4	11	20	35	52	59	52	35	20	11	Avg.=18 fc Max.=83 fc; Min.=1 fc Max. to min. ratio =83
	5	12	24	46	71	83	71	46	24	12	
	6	11	22	41	63	73	63	41	22	11	
	7	7	13	22	32	36	32	22	13	7	
	8	4	7	10	13	15	13	10	7	4	
	9	2	4	5	6	6	6	5	4	2	

Report ISF 30163 UCEL 361N

Initial Point Illuminance on wall and horizontal work surface. (fc)

X and Y coordinates are on 6" centers.

	X	A	B	C	D	E	F	G	H	I	
Vertical	6	14	34	64	77	64	34	14	7	1	Avg.=32 fc Max.=88 fc; Min.=4 fc Max. to min. ratio =22
	10	21	44	75	83	75	44	21	10	1	
	11	20	37	55	62	55	37	20	11	2	
Horizontal	17	31	55	82	92	82	55	31	17	3	Avg.=29 fc Max.=130 fc; Min.=2 fc Max. to min. ratio =65
	19	38	72	112	130	112	73	38	19	3	
	17	34	99	114	99	114	99	34	17	3	
	11	21	35	50	57	50	35	21	11	3	
	7	11	16	21	23	21	16	11	7	2	
4	6	7	9	10	9	7	6	4	1		

Report ISF 30163 UCEL 481N

Initial Point Illuminance on wall and horizontal work surface. (fc)

X and Y coordinates are on 6" centers.

	X	A	B	C	D	E	F	G	H	I	
Vertical	1	9	19	47	88	106	88	47	19	9	Avg.=43 fc Max.=122 fc; Min.=5 fc Max. to min. ratio =22.4
	2	14	29	61	103	122	103	61	29	14	
	3	15	28	51	75	86	75	51	28	15	
Horizontal	4	23	42	70	112	127	112	70	42	23	Avg.=40 fc Max.=179 fc; Min.=2 fc Max. to min. ratio =89.5
	5	26	52	100	154	179	154	100	52	26	
	6	24	47	89	136	157	136	89	47	24	
	7	16	29	48	69	78	69	48	29	16	
	8	9	15	22	29	32	29	22	15	9	
	9	5	8	10	12	13	12	10	8	5	

Lithonia Lighting

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	385
Watts	5.8
Lumens per Watt (Efficacy)	66.38

Color Accuracy Color Rendering Index (CRI)	94
---	----

Light Color
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White | Bright White | Daylight

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: NJSM-WAT16M (2/11/2016)
Model Number: UCEL 12IN 30K 90CRI
Type: Luminaire - Desk/Task

Lithonia Lighting

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	740
Watts	10.2
Lumens per Watt (Efficacy)	72.55

Color Accuracy Color Rendering Index (CRI)	94
---	----

Light Color
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White | Bright White | Daylight

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: NJSM-WBAXSU (2/11/2016)
Model Number: UCEL 24IN 30K 90CRI
Type: Luminaire - Desk/Task

Lithonia Lighting

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	1160
Watts	14.8
Lumens per Watt (Efficacy)	78.38

Color Accuracy Color Rendering Index (CRI)	94
---	----

Light Color
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White | Bright White | Daylight

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: NJSM-RCJS05 (2/11/2016)
Model Number: UCEL 36IN 30K 90CRI
Type: Luminaire - Desk/Task

Lithonia Lighting

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	1600
Watts	19.5
Lumens per Watt (Efficacy)	82.05

Color Accuracy Color Rendering Index (CRI)	94
---	----

Light Color
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White | Bright White | Daylight

2700K 3000K 4500K 6500K

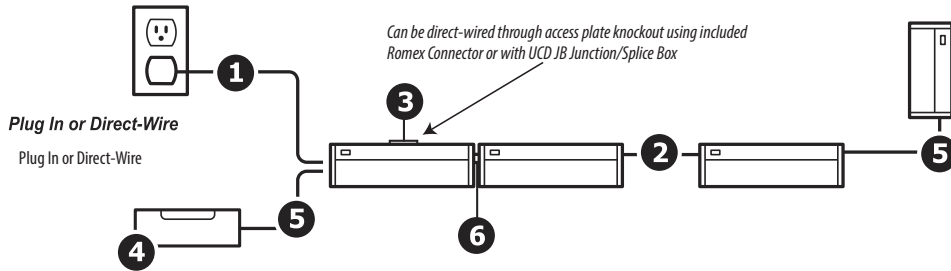
All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the **Label Reference Guide**.

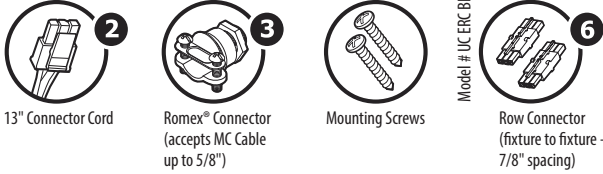
Registration Number: NJSM-FOE0YQ (2/11/2016)
Model Number: UCEL 48IN 30K 90CRI
Type: Luminaire - Desk/Task

UCEL LED Cabinet Light

Installation

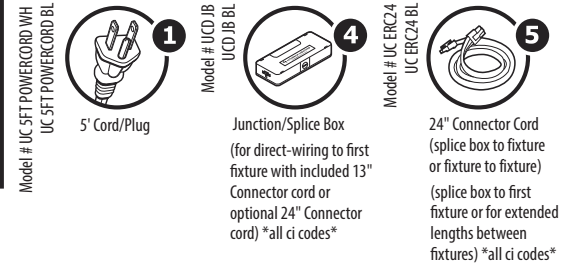


Included



Accessories

sold separately



COMPATIBLE DIMMERS

The UCEL is designed to operate with most standard Triac Based dimmers and is not compatible with 0-10v dimming systems. The following is a list of dimmers tested and does not imply any guarantee or warranty of compatibility with a particular application. Unlisted dimmers do not imply non-compatibility.

Manufacturer	Part number(s)
Lutron	Diva DVELV-300P (ELV) Skylark SELV-300P (ELV) Diva DV-600P (Triac) Nova NTELV-300V (ELV)
Leviton	SureSlide 6633-PA (Triac) SureSlide 6615-P (ELV)
Pass & Seymour	HCL453PTCCCV6 (triac)
Synergy	ISD 600 I 120
SensorSwitch	nLight1 nSP5 PCD 2W nLight3 nSP5 PCD ELV 120