

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.

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 pr	oducts using bolded options .		Example: UCEL 12IN 30K 90CRI SWR WH					
Series	Length	Color temperature	CRI	Options	Finish				
UCEL Economy LED Undercabinet	12IN 1' Nominal 24IN 2' Nominal 36IN 3' Nominal 48IN 4' Nominal	40K 4000K ^{1,4} 35K 3500K ^{2,3} 30K 3000K 27K 2700K ²	90CRI >90	SWR On/off Rocker Switch	WH White				

Туре

Accessories: Order as sep	parate catalog number.	
UC 5FT 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)	
		1

Indoor General Purpose UCEL LED Linkable Cabinet Light Linkable



Notes

- 1 60-day lead time for non-stock color temperatures; minimum 50 order quantity.
- 2 90-day lead time for non-standard color temperatures; minimum 50 order quantity.
- 3 UCEL 24IN stocked at 09 in 35k.

4 UCEL 24IN, 36IN, 48IN stocked at 09 in 40K.

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 12IN

Initial Point Illuminance on wall and horizontal work surface. (fc) X and Y coordinates are on 6" centers.

	Х	A	B	C	D	E	F	G	Н	I		
	1	2	5	11	21	26	21	11	6	2	Avg.=10 fc	
Vertical	2	3	7	15	25	29	25	16	7	3	Max.=29 fc; Min.=1 fc Max. to min. ratio =29	
	3	4	7	12	18	21	18	12	7	4		
	4	6	10	18	27	31	27	18	10	6		
	5	6	13	24	37	43	37	24	13	6		
Horizontal	6	6	11	21	33	38	33	21	11	6	Avg.=10 fc Max.=43 fc; Min.=1 fc	
HOLIZOIITAI	7	4	7	12	17	19	17	12	7	4	Max. $=$ 45 IC, MIII. $=$ 1 IC Max. to min. ratio $=$ 43	
	8	2	4	5	7	8	7	5	4	2		
	9		2	2	3	3	3	2	2	1]	

Report ISF 30163 UCEL 24IN

Initial Point Illuminance on wall and horizontal work surface. (fc) X and Y coordinates are on 6" centers.

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

Report ISF 30163 UCEL 36IN

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	Н		
	6	14	34	64	77	64	34	14	7	1	Avg.=32 fc
Vertical	10	21	44	75	83	75	44	21	10	1	Max.=88 fc; Min.=4 fc
	11	20	37	55	62	55	37	20	11	2	Max. to min. ratio =22
	17	31	55	82	92	82	55	31	17	3	
	19	38	72	112	130	112	73	38	19	3	
Horizontal	17	34	99	114	99	114	99	34	17	3	Avg.=29 fc Max.=130 fc; Min.=2 fc
HORIZORILAI	11	21	35	50	57	50	35	21	11	3	Max. $= 150$ IC, MIII. $= 2$ IC Max. to min. ratio $= 65$
	7	11	16	21	23	21	16	11	7	2	
	4	6	7	9	10	9	7	6	4	1	

Report ISF 30163 UCEL 48IN

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	Н	I				
	1	9	19	47	88	106	88	47	19	9	Avg.=43 fc			
Vertical	2	14	29	61	103	122	103	61	29	14	Max.=122 fc; Min.=5 fc			
	3	15	28	51	75	86	75	51	28	15	Max. to min. ratio =22.4			
	4	23	42	70	112	127	112	70	42	23				
	5	26	52	100	154	179	154	100	52	26				
Horizontal	6	24	47	89	136	157	136	89	47	24	Avg.=40 fc Max $=$ 170 fc Min $=$ 2 fc			
Horizontai	7	16	29	48	69	78	69	48	29	16	Max.=179 fc; Min.=2 fc Max. to min. ratio =89.5			
	8	9	15	22	29	32	29	22	15	9	max. to min. 1010 -07.5			
	9	5	8	10	12	13	12	10	8	5	1			

🧶 LITHONIA LIGHTING

LIGHTING FACTS

Registration Number: NJSM-WATI6M (2/11/2016)

del Number: UCEL 12IN 30K 90CRI

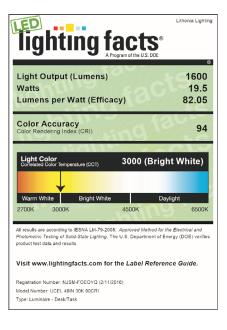
Type: Luminaire - Desk/Task



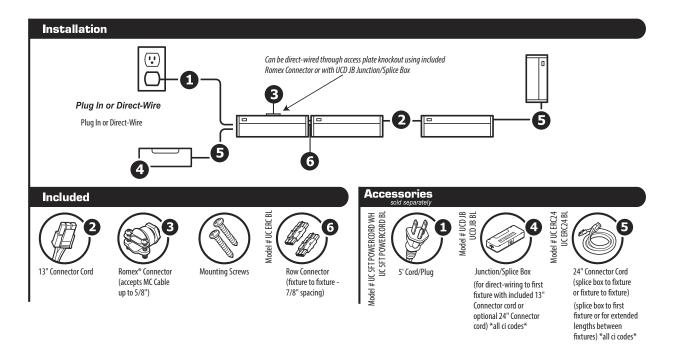
Lithonia Lighting LED Tighting facts Light Output (Lumens) 740 Watts 10.2 Lumens per Watt (Efficacy) 72.55 Color Accuracy 94 Light Color Correlated Color Temperature (CCT) 3000 (Bright White) Warm White Bright White Daylight 2700K 3000K 6500k 4500K All results are according to IESNA LM-79-2008: Approved 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-WBAX5U (2/11/2016) del Number: UCEL 24IN 30K 90CRI Type: Luminaire - Desk/Task



Registration Number: NJSM-RCJSO5 (2/11/2016) Iodel Number: UCEL 36IN 30K 90CRI Type: Luminaire - Desk/Task







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

LITHONIA LIGHTING



FEATURES & SPECIFICATIONS

INTENDED USE

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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:

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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.

SPECIFICATIONS	1'	2'	3'	4'
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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 pr	oducts using bolded options .		Example: UCEL 12IN 30K 90CRI SWR WH					
Series	Length	Color temperature	CRI	Options	Finish				
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Туре

Accessories: Order as sep	parate catalog number.	
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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)	
		1

Indoor General Purpose UCEL LED Linkable Cabinet Light Linkable



Notes

- 1 60-day lead time for non-stock color temperatures; minimum 50 order quantity.
- 2 90-day lead time for non-standard color temperatures; minimum 50 order quantity.
- 3 UCEL 24IN stocked at 09 in 35k.

4 UCEL 24IN, 36IN, 48IN stocked at 09 in 40K.

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 12IN

Initial Point Illuminance on wall and horizontal work surface. (fc) X and Y coordinates are on 6" centers.

	Х	A	B	C	D	E	F	G	Н	I		
	1	2	5	11	21	26	21	11	6	2	Avg.=10 fc	
Vertical	2	3	7	15	25	29	25	16	7	3	Max.=29 fc; Min.=1 fc Max. to min. ratio =29	
	3	4	7	12	18	21	18	12	7	4		
	4	6	10	18	27	31	27	18	10	6		
	5	6	13	24	37	43	37	24	13	6		
Horizontal	6	6	11	21	33	38	33	21	11	6	Avg.=10 fc Max.=43 fc; Min.=1 fc	
HOLIZOIITAI	7	4	7	12	17	19	17	12	7	4	Max. $=$ 45 IC, MIII. $=$ 1 IC Max. to min. ratio $=$ 43	
	8	2	4	5	7	8	7	5	4	2		
	9		2	2	3	3	3	2	2	1]	

Report ISF 30163 UCEL 24IN

Initial Point Illuminance on wall and horizontal work surface. (fc) X and Y coordinates are on 6" centers.

	X	A	B	C	D	Ε	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 36IN

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	Н		
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 48IN

Initial Point Illuminance on wall and horizontal work surface. (fc) X and Y coordinates are on 6" centers.

	X	A	B	C	D	Ε	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	max. to min. 1010 -07.5
	9	5	8	10	12	13	12	10	8	5	

🧶 LITHONIA LIGHTING

LIGHTING FACTS

Registration Number: NJSM-WATI6M (2/11/2016)

del Number: UCEL 12IN 30K 90CRI

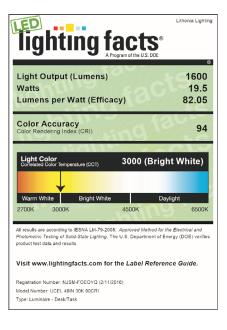
Type: Luminaire - Desk/Task



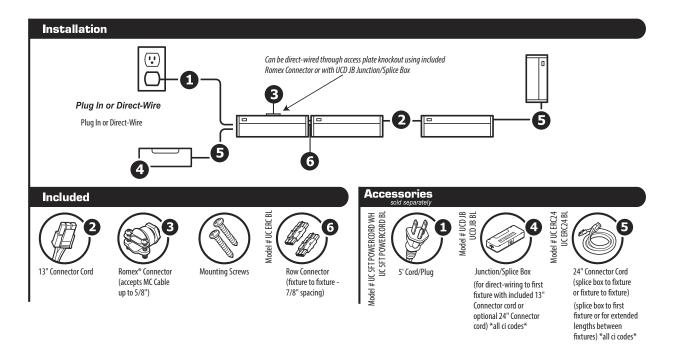
Lithonia Lighting LED Tighting facts Light Output (Lumens) 740 Watts 10.2 Lumens per Watt (Efficacy) 72.55 Color Accuracy 94 Light Color Correlated Color Temperature (CCT) 3000 (Bright White) Warm White Bright White Daylight 2700K 3000K 6500k 4500K All results are according to IESNA LM-79-2008: Approved 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-WBAX5U (2/11/2016) del Number: UCEL 24IN 30K 90CRI Type: Luminaire - Desk/Task



Registration Number: NJSM-RCJSO5 (2/11/2016) Iodel Number: UCEL 36IN 30K 90CRI Type: Luminaire - Desk/Task







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

LITHONIA LIGHTING