

## DESCRIPTION

The Accord™ redefines lighting by improving on aesthetics, comfort and energy savings. The Accord provides the right amount of light while eliminating surface shadows commonly found in parabolics. Therefore, Accord increases the comfort level while providing significant energy savings.

The Accord is the ideal solution for offices, schools, hospitals, retail and other applications. It is designed for installations when the housing will be in direct contact with insulation.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## SPECIFICATION FEATURES

### Construction

Shallow 3-1/4" deep housing is die formed of code gauge, prime cold rolled steel. Heavy gauge end plates are securely attached with screws for strength and rigidity and the elimination of gaps. Four auxiliary fixture end suspension points are provided. KOs for continuous row wiring. Large access plate for supply connection.

### Electrical

Long-Life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3500 or 4000k with a CRI ≥ 85. Projected life is 50,000 hours at 70% lumen output. cULus listed. Electronic drivers are available for 120-277V applications. A 0-10V dimming control is available (standard).

### Driver Access

Drivers can be removed from below without tools.

### Finish

Durable cold rolled steel with multistage, iron phosphate pretreatment and white enamel finish to ensure maximum bonding and rust inhibition.

### Reflectors

Reflector has high reflectance baked matte white enamel finish for luminous uniformity.

### Shielding

Positively retained frosted acrylic profile lenses provide a soft but effective distribution of light.



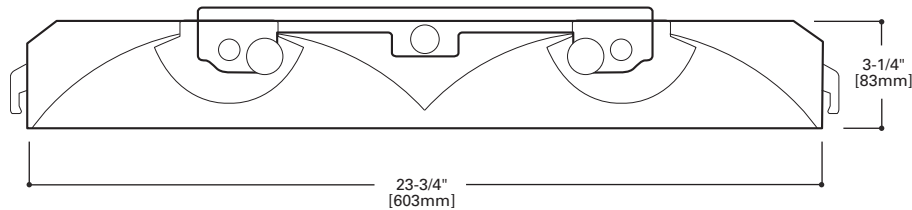
**2AC  
LED**

LED LAMPS

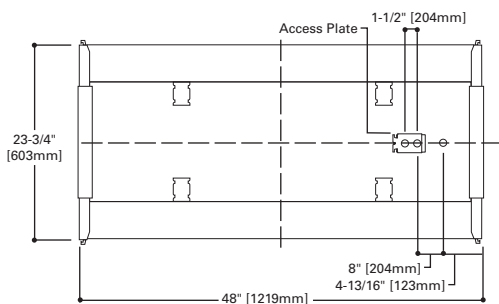
2' x 4' Recessed Series  
For Use in Insulated Ceilings

*accord*  
Enhanced Lighting Series

LINEAR LED  
PLATFORM

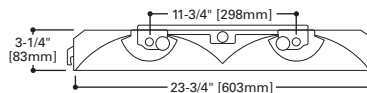


## MOUNTING DATA

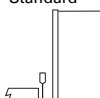
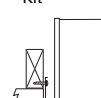


NOTE: 2' x 2' and 2' x 4' allow for row mounting  
(1' x 4' does not support feature)

## LAMP CONFIGURATIONS



## CEILING COMPATIBILITY

G	F	Ceiling Type**	Trim Type
Grid/Lay-in Standard	Drywall Frame Kit	Exposed Grid	G
		Concealed T	G or T
		Slot Grid	G or T
		Flange	***

## ENERGY DATA

Input Watts:  
42=52 Watts  
43=62 Watts

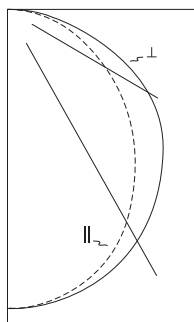
\*\*\*See Drywall Frame Kit Accessory

**LINEAR DISCONNECT**

Safe and convenient means of disconnecting power.



PHOTOMETRICS



**2AC-42-UNV-L835-CD2-U**  
 Dimming Drivers  
 Linear LED 3500K  
 Spacing criterion:  
 (II) 1.2 x mounting  
 height, (⊥) 1.3 x  
 mounting height  
 Test Report:  
 P30784

Candlepower

Angle	Along II	45°	Across ⊥
0	1607	1607	1607
5	1609	1599	1602
10	1579	1576	1586
15	1531	1538	1557
20	1464	1486	1518
25	1380	1422	1467
30	1285	1345	1405
35	1178	1258	1334
40	1065	1163	1255
45	946	1061	1167
50	824	957	1072
55	703	846	972
60	590	736	858
65	473	623	718
70	359	503	535
75	254	366	357
80	150	218	200
85	63	84	79
90	1	1	1

Coefficients of Utilization

rc rw RCR	Effective floor cavity reflectance 20%																	
	80%			70%			50%			30%			10%			0%		
	70	50	30	70	50	30	10	50	30	10	50	30	10	50	30	0		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	28	55	42	34	28	41	33	28	40	33	28	39	32	28	26
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24

Zonal Lumen Summary

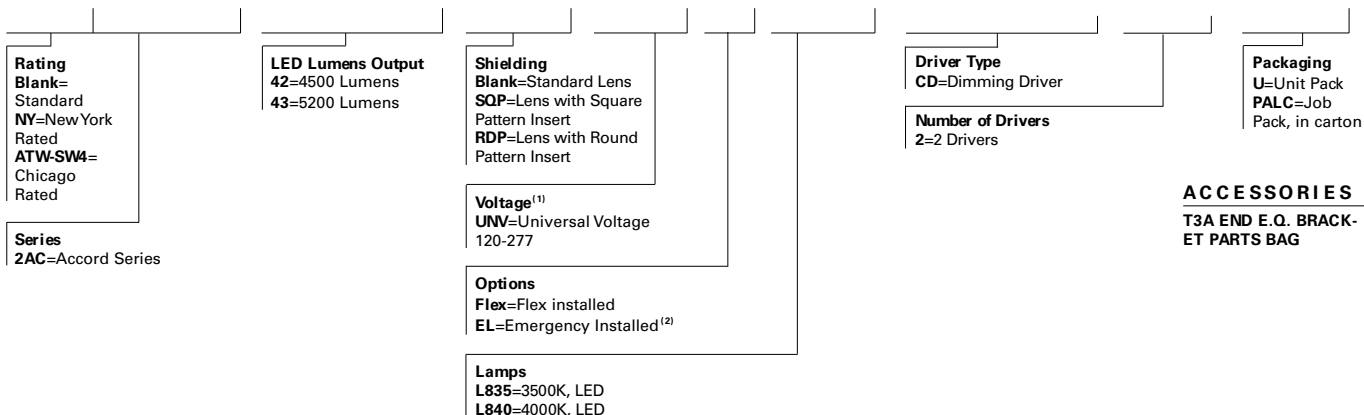
Zone	Lumens	%Fixture
0-30	1241	26.7
0-40	2026	43.6
0-60	3597	77.4
0-90	4645	100.0
0-180	4645	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	1799	2018	2220
55	1648	1984	2279
65	1505	1983	2285
75	1320	1902	1855
85	972	1296	1219

ORDERING INFORMATION

SAMPLE NUMBER: 2AC-43-UNV-L835-CD2-U



NOTES: <sup>(1)</sup> Products also available in non-US voltages and frequencies for international markets. <sup>(2)</sup> Must specify voltage (120V or 277V) when selecting EL option.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.

SHIPPING INFORMATION

Catalog No.	Wt.
2AC-42	28 lbs.
2AC-43	28 lbs.