



Day-Brite / CFI NWL LED wraparound is an economical surface mount general illumination luminaire for use in commercial applications. The slender form and frosted lens create an appealing visual aesthetic. The built-in occupancy sensor and color selectable light output offer complete versatility.

Ordering guide

Example: **NWL440L8CST-UNV-DIM-OCC**

Series	Length (nominal)	Lumens' (nominal)	Color	Voltage	Driver	Options
NWL	4	40L	8CST -	UNV -	DIM -	OCC
NWL Wraparound LED	4 4' length	40L 4000 lumens	8CST 80 CRI, Color Select (3000/3500/4000K)	UNV Universal voltage 120/277V	DIM 0-10v dimming	OCC Occupancy sensor

1. Nominal delivered lumens at 25°C ambient.

General Notes

- All options are factory installed.
- Many luminaire components, such as reflectors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.

NWL LED wraparound

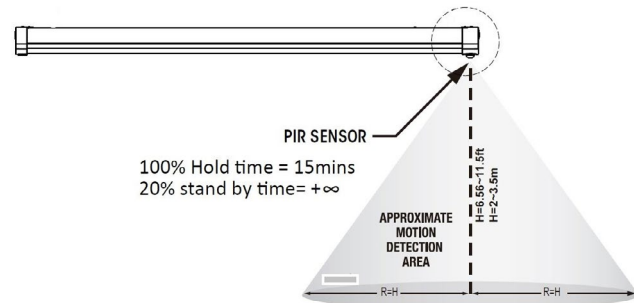
4'

Features

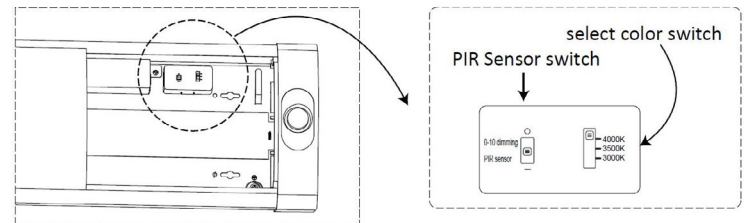
- White polycarbonate housing for durability.
- Frosted polycarbonate lens for even, low glare lighting.
- Hardware for surface mounting included.
- Easy installation with holes provided in housing.
- Power interconnect (both flush and 12" cable) provided to link fixtures together if desired.
- Maximum number of fixtures linked together is 8.
- Integrated PIR occupancy sensor with 15 minute 100% to 20% delay time. Sensing diameter approximated 2x mounting height of fixture. Integrated on/off switch to engage sensor. Default factory setting is sensor off/ not engaged.
- Field CCT selectable for 3000K, 3500K or 4000K.
- cETLus listed to meet UL 1598 standards for -10°C to 35°C ambient.
- Suitable for damp locations.
- 5 year manufacturer's limited warranty. Visit www.signify.com/warranties for complete warranty information.
- DesignLights Consortium qualified. Please see the DLC QPL list for exact catalog numbers (<http://www.designlights.org/QPL>)

Details

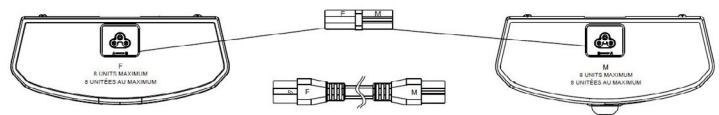
Sensor Detection



Switch and Sensor



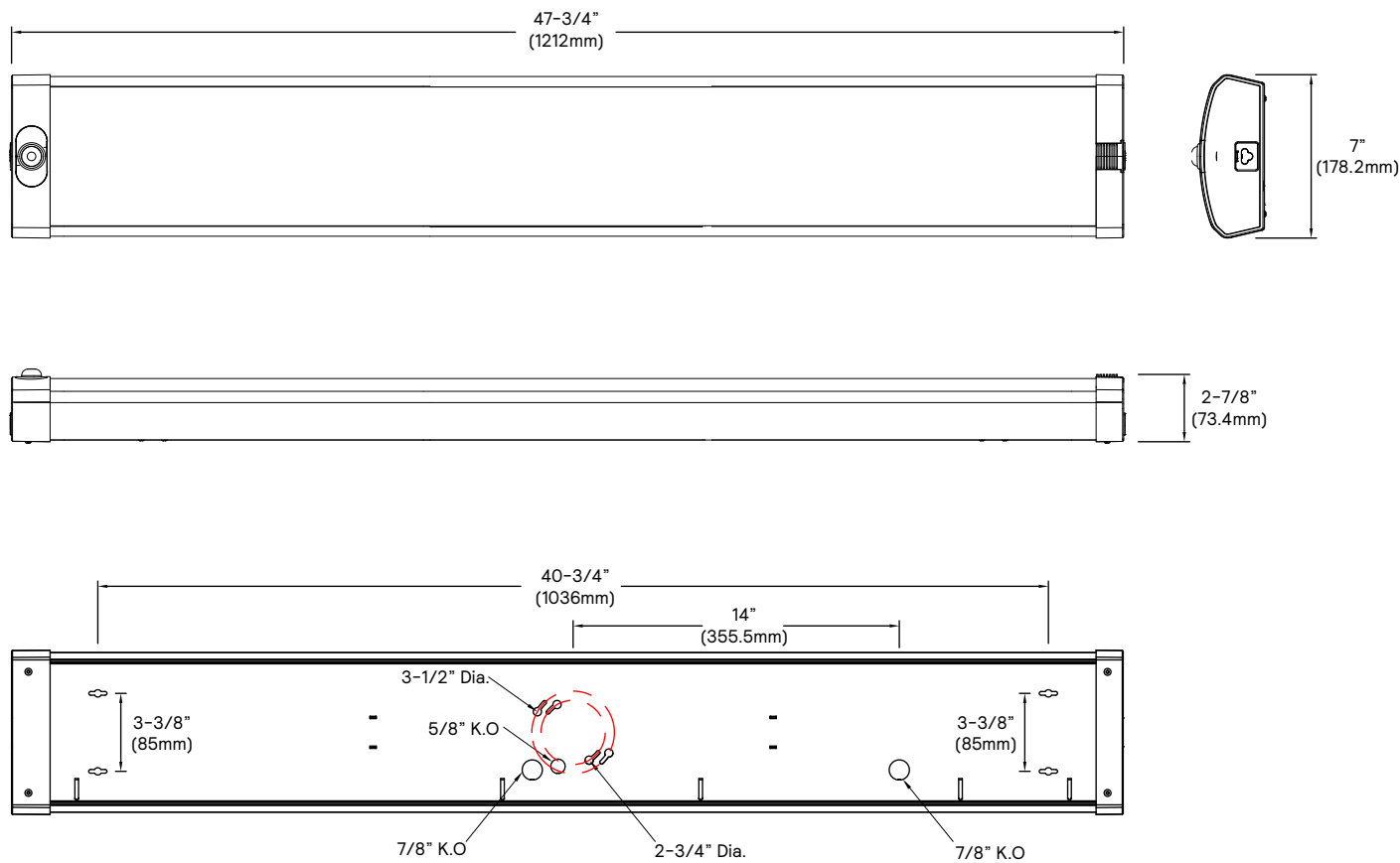
Linking



NWL LED wraparound

4'

Dimensions



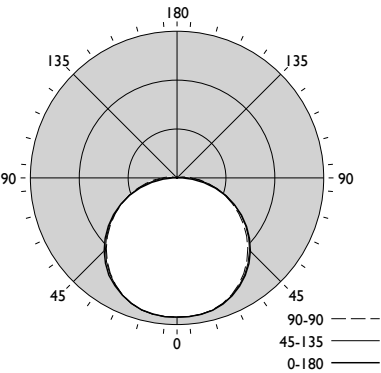
NWL LED wraparound

4'

Photometry

NWL440L8CST-UNV-DIM-4000K

Luminaire Lumens	4180
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	34.3
Spacing Criterion (0-180)	1.27



Candela Distribution						Flux
	0	45	90	135	180	Lumens
0	1424	1424	1424	1424	1424	
5	1420	1417	1419	1418	1417	135
15	1373	1371	1366	1367	1366	385
25	1279	1271	1260	1265	1272	583
35	1144	1131	1111	1122	1139	701
45	968	956	930	943	960	725
55	762	755	729	739	750	655
65	532	539	523	522	514	506
75	281	317	323	300	262	305
85	56	131	161	118	41	118
90	3	67	100	59	1	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	1103	26.4%	26.4%
0-40	1804	43.2%	43.2%
0-60	3184	76.2%	76.2%
0-90	4114	98.4%	98.4%
0-180	4180	100.0%	100.0%

Avg. Luminance (cd/m²)			
	0	45	90
45	6711	6049	5738
55	6452	5626	5254
65	6024	5082	4707
75	5027	4237	4030
85	2579	3167	3428

Coefficients of Utilization %											
Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	110	110	110	98
1	108	103	98	94	105	100	96	96	92	89	81
2	98	89	82	76	95	87	81	83	78	73	67
3	89	78	70	63	86	76	69	73	66	61	56
4	81	69	60	53	79	68	59	65	58	52	48
5	75	62	52	46	72	60	52	58	50	45	41
6	69	55	46	40	67	54	46	52	45	39	36
7	64	50	41	35	62	49	41	48	40	35	32
8	59	46	37	31	58	45	37	44	36	31	28
9	56	42	34	28	54	41	33	40	33	28	25
10	52	39	31	25	51	38	31	37	30	25	23