

Standard Corner Wrap

Prefix: SCW

The Standard Corner Wrap (SCW) Fixture family has been developed to dramatically improve energy efficiency and quality of light using Solid State Lighting (SSL) technologies. The Standard Corner Wrap Series provides an attractive, low profile, energy efficient architectural look which has been specifically designed to replace existing fluorescent lighting or for use in new construction. Comfortable, low glare, uniform lighting is attributed to this style of fixture. Typical applications for this type of product are interior spaces where finished ceilings and walls exist. Applications include:



- Commercial/Corporate Office Spaces
- Schools, Colleges and Universities
- Retail Spaces, Public Spaces and Airports
- Hospitals, Government Facilities and Military Bases



project: _____

fixture type: _____

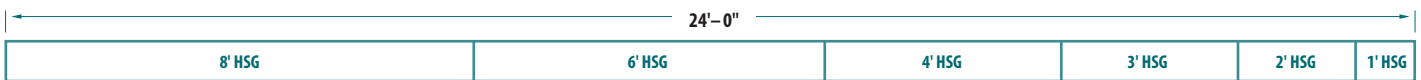
catalog #: _____

quantity: _____

ORDERING GUIDE

SCW									
PREFIX/SERIES	SIZE	OPTICS (DISTRIBUTION)	LUMEN OUTPUT*	DRIVER VOLTAGE	DRIVER TYPE	COLOR TEMP.	LENS (DIFFUSER)	HOUSING COLOR / FINISH	FIXTURE OPTIONS
SCW - Standard Corner Wrap Fixture	1 - 1' 2 - 2' 3 - 3' 4 - 4' 6 - 6' 8 - 8'	N - Normal C - Custom (Specify)	L010 L130 L020 L140 L030 L150 L040 L160 L050 L170 L060 L180 L070 L190 L080 L200 L090 L210 L100 L220 L110 L230 L120 L240 LC - Custom (Specify)	UNV - Universal Voltage (120v - 277v) (60 Hz) (Standard) 120 - 120v, 60Hz 277 - 277v, 60Hz 347 - 347v *Special Order Only	DM - 0-10v Low Voltage Dimming (10% - 100%) (Standard) SD - Step Dimming (50% / 100%) LV - Line Voltage Dimming *Specify Voltage (120v or 277v)	C27 - 2700 K* C30 - 3000 K* C35 - 3500 K C40 - 4000 K C50 - 5000 K* *Special Order Only	AP - Clear, Linear Prismatic Acrylic Lens (Standard) AF - Frosted Linear Prism Acrylic Lens (Optional) CS - Custom (Specify)	PP - Pre-painted (White) (Standard With Pop Rivet Construction) GW - Gloss White (Smooth) TW - Textured White TB - Textured Black CS - Custom Finish (Specify)	OS - Occupancy Sensor DL - Daylight Harvesting Sensor OD - Occupancy/Daylight Sensor OS - OSRAM Wireless Sensor EN - "Encelium" Wireless Sensor DS - Digital Sensor DT - "DainTree" Wireless Sensor EM - Emergency Battery Pack *

*L(x) = Delivered Lumens
Example: L090 = 9,000 Lumens



*EXAMPLE: CONTINUOUS ROW @ 1000 LUMENS PER FOOT

(QTY=1) SCW8-N-L080-UNV-DM-C40-AF-PP
(QTY=1) SCW6-N-L060-UNV-DM-C40-AF-PP

(QTY=1) SCW4-N-L040-UNV-DM-C40-AF-PP
(QTY=1) SCW3-N-L030-UNV-DM-C40-AF-PP

(QTY=1) SCW2-N-L020-UNV-DM-C40-AF-PP
(QTY=1) SCW1-N-L010-UNV-DM-C40-AF-PP

RENOVA Products Listed on the DLC Qualified Product List (QPL)

See page 4 for complete list.

* Standard "EM" option to be NiCd Battery @ 1000 Lumens @ 90 min. duration (standard). Consult factory for all available options.

** SCW Series Fixtures have a lumen output range from 300 lumens through 24,000 lumens depending on length of fixture and driver/board configuration. Consult factory for correct catalog number on all custom configured lighting products.

PRIOR TO REPLACING AN EXISTING FLUORESCENT FIXTURE, PLEASE NOTE THE FOLLOWING:



Fluorescent lamps contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and / or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org.

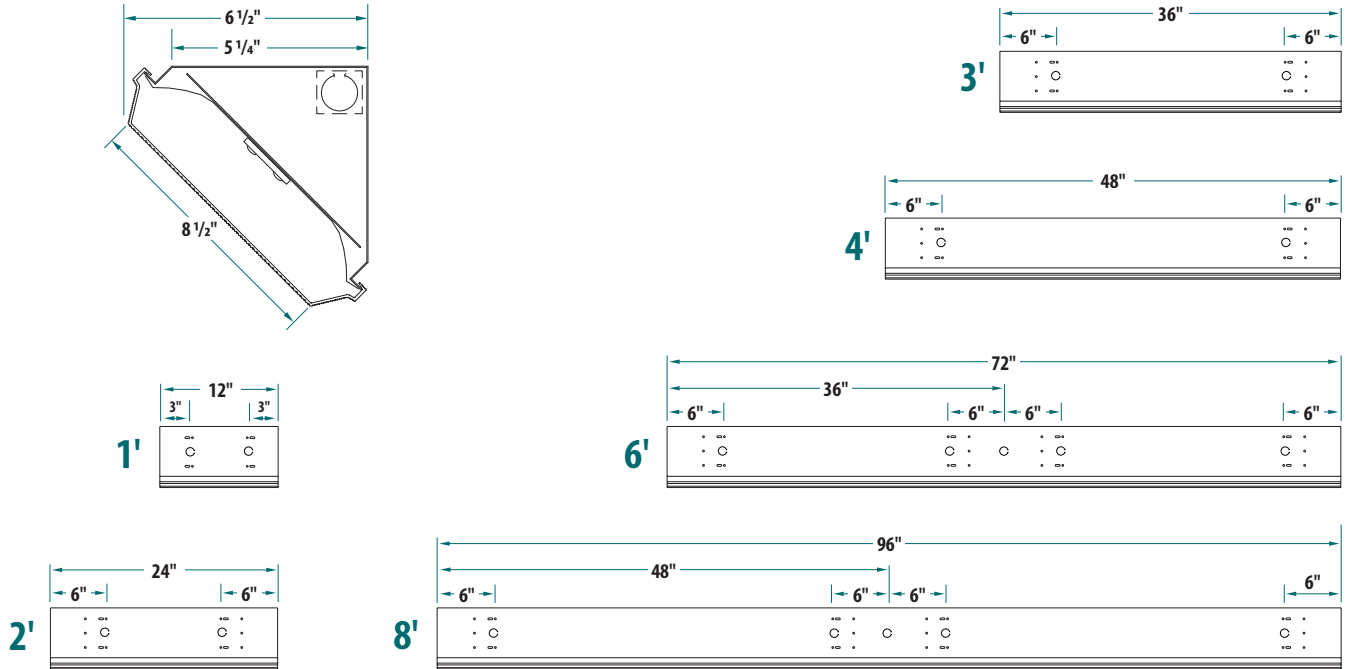


DLC Application Category #7
"Linear Ambient Lighting of Interior Commercial Spaces"

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

SCW Cross Section & Fixture Dimensions

Prefix: SCW



Note: Unless otherwise specified, all EKOs are 7/8" diameter.

CONSTRUCTION

- Precision die-formed from code-gauge cold rolled steel.
- Mechanically fastened (standard - when ordered as "PP" under "Housing Color / Finish" in the ordering guide).
- Resistance (spot) welded construction is optional.
- Consult factory for all options or any modifications needed.

FINISH

- **Housing**
 - High Reflectance Gloss White polyester powder coat baked enamel. "PP" indicates White pre-paint (pop-riveted) construction. "GW" indicates Gloss White post paint (spot-welded) construction.
- **Reflector/Optics**
 - High Reflectance White polyester powder coat baked enamel for extreme durability and superior optical efficiency.

LED's/OPTICS

- High performance LED boards manufactured specifically for interior lighting. LED boards feature the latest mid-power LEDs for maximum performance, efficiency and longevity.
- Standard color temperatures offered are 3500K and 4000K. Consult factory for all other color temperature options. 80 CRI (Minimum). RoHS Compliant.

- Always consult factory for the latest developments and improvements concerning LEDs and Optics.

DRIVERS

- Electronic, high efficiency, programmable, linear, constant current type. Universal voltage 120v-277v (Standard)
- Features include constant lumen maintenance, end of life indication and LED thermal protection.
- 0-10v dimmable. 10%-100% dimming (Standard) / 1%-100% dimming (Optional).
- Factory programmed drive current, Dim to Off function, Soft Start function.
- Step-Dim and Line Voltage Dimming Drivers are optional.
- Auxiliary output (Optional) used to power various sensors / wireless modules.
- Suitable for dry and damp locations.
- UL/CUL Class 2 Recognized, RoHS Compliant.

LENS (DIFFUSER)

- Extruded, clear, 100% virgin acrylic, linear ribbed with pattern 12 prismatic embossment (Standard).
- 30% DR additive used to increase resistance to breakage (Optional).
- Optional frosted lens / diffuser manufactured from extruded, 100% virgin acrylic & high light transmission / LED diffusing polymer featuring linear ribbed pattern, which provides a clean, aesthetic architectural look.

MOUNTING

- Fixtures are designed to be surface mounted, or suspended using pendant, aircraft cable, or jack chain. Consult factory for all other special mounting conditions.

ELECTRICAL

- Surface Mount Fixtures are UL/CUL listed and labeled for dry/damp locations.
- LM80 performance for 50,000+ hours
- Bi-Level dimming option allows 50% power for compliance with common energy codes.
- Driver disconnect provided where required to comply with US & Canadian codes.

QUALITY CONTROL

- All fixtures are designed, fabricated, assembled, tested, packaged and shipped from RENOVA's manufacturing facility in Mansfield, MA (USA).

WARRANTY

- 5-year limited warranty. Please refer to RENOVA's website at www.renova.com/sales/warranties for the latest warranty terms and conditions.

NOTES:

LED Dimming Drivers have adjustable output capability. A wide range of input watts/lumen output can be adjusted up or down on all models to suit a particular application. Always consult factory for the latest information.

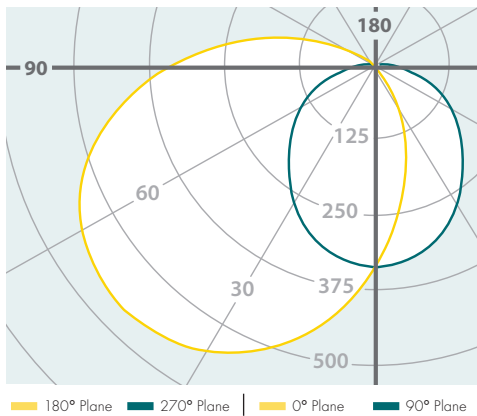
Photometric data, IES files and all other information is available on request.

RENOVA products are constantly being improved; therefore the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, Inc. for the latest information.



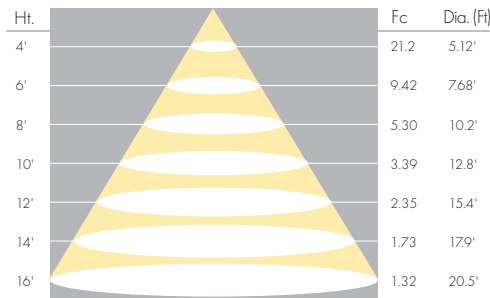
Catalog #: SCW4-N-L015-UNV-DM-C35-AF-PP
 Photometric Test Report #: 11230030-1237033.1
 Delivered Lumens: 1596
 Efficacy (Lumens/Watt): 132.9
 Power: 12.76w @ 277 VAC
 Power Factor: 0.901
 Current THD: 13.5%
 CRI: 84.4
 CCT: 3463 K
 LED Life: 50,000+ hrs

Candela Distribution Polar Plot



Spacing/Mounting Height: 0.54
 SC (Along): 1.2 SC (Across): 2.25

Cone of Light Tabulation



Utilization of Lumens - Zonal Cavity Method
Effective Floor Cavity Reflectance 20%

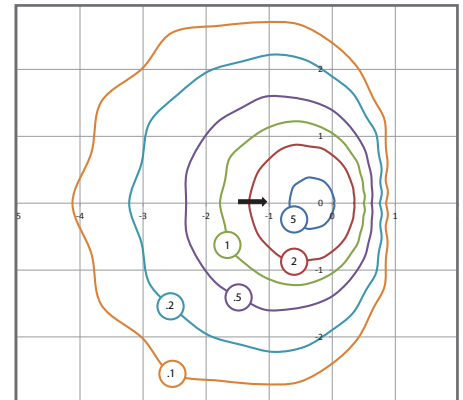
Ceiling Cavity Reflectance	80				70				50		
Wall Reflectance	70	50	30	10	70	50	30	10	50	30	10
Room Cavity Ratio (RCR)	** Values are expressed as lumens delivered to the task surface **										
0	1744	1744	1744	1744	1681	1681	1681	1681	1563	1563	1563
1	1534	1439	1354	1277	1470	1385	1308	1238	1283	1220	1163
2	1374	1225	1101	997	1313	1178	1066	970	1091	998	917
3	1241	1059	918	806	1184	1019	890	786	945	836	747
4	1129	928	782	669	1077	895	759	654	831	715	623
5	1034	823	676	567	986	794	657	555	739	621	531
6	952	737	593	489	909	712	577	479	664	547	459
7	880	665	525	428	841	643	512	419	602	486	403
8	818	604	470	378	782	585	459	371	549	437	357
9	763	553	424	337	731	536	414	331	504	395	319
10	714	509	386	304	685	494	377	298	465	360	288

Average Luminance (cd/m²)
Horizontal Angle (Degrees)

Angle	Along	45.0	Across
0	1331	1331	1331
45	0	216	955
55	0	70	883
65	0	67	822
75	0	69	780
85	0	79	764

Horizontal Footcandles

Mounting Height = 8'-0" A.F.F.
Maximum Calculated Value = 5.00 Fc



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	265	17.5%
0-40	438	29.1%
0-60	826	54.9%
0-90	1310	87.1%
40-90	870	58.00%
60-90	483	32.20%
90-180	194	12.90%
0-180	1503	100%

Grid Lines in Units of Mounting Height

5fc | 2fc | 1fc | .5fc | .2fc | .1fc

Luminaire Efficacy (Lumens Per Watt): 107.1



SCW Fixtures Listed on the DLC Qualified Products List (QPL)

RENOVA Catalog Number	Delivered Lumens	Input Watts	Lumens per Watt	DLC - QPL Classification
SCW2-N-L015-UNV-DM-C35-AP-xx-xx	1469	11.62	126.41	Premium
SCW2-N-L015-UNV-DM-C35-AF-xx-xx	1464	11.47	127.63	Premium
SCW2-N-L015-UNV-DM-C40-AP-xx-xx	1488	11.77	126.42	Premium
SCW2-N-L015-UNV-DM-C40-AF-xx-xx	1483	11.77	125.99	Premium

RENOVA Catalog Number	Delivered Lumens	Input Watts	Lumens per Watt	DLC - QPL Classification
SCW4-N-L015-UNV-DM-C35-AP-xx-xx	1505	12.02	125.24	Premium
SCW4-N-L015-UNV-DM-C35-AF-xx-xx	1523	12.02	126.81	Premium
SCW4-N-L015-UNV-DM-C40-AP-xx-xx	1544	12.02	128.53	Premium
SCW4-N-L015-UNV-DM-C40-AF-xx-xx	1562	12.02	130.03	Premium

RENOVA Catalog Number	Delivered Lumens	Input Watts	Lumens per Watt	DLC - QPL Classification
SCW8-N-L030-UNV-DM-C35-AP-xx-xx	3235	21.98	147.19	Premium
SCW8-N-L030-UNV-DM-C35-AF-xx-xx	3273	21.98	148.91	Premium
SCW8-N-L030-UNV-DM-C40-AP-xx-xx	3320	21.98	151.05	Premium
SCW8-N-L030-UNV-DM-C40-AF-xx-xx	3358	21.98	152.82	Premium

SCW4-N-L020-UNV-DM-C35-AP-xx-xx	2067	15.35	134.71	Premium
SCW4-N-L020-UNV-DM-C35-AF-xx-xx	2092	15.35	136.29	Premium
SCW4-N-L020-UNV-DM-C40-AP-xx-xx	2122	15.35	138.25	Premium
SCW4-N-L020-UNV-DM-C40-AF-xx-xx	2146	15.35	139.86	Premium

SCW8-N-L040-UNV-DM-C35-AP-xx-xx	4235	29.03	145.90	Premium
SCW8-N-L040-UNV-DM-C35-AF-xx-xx	4285	29.03	147.61	Premium
SCW8-N-L040-UNV-DM-C40-AP-xx-xx	4346	29.03	149.73	Premium
SCW8-N-L040-UNV-DM-C40-AF-xx-xx	4397	29.03	151.48	Premium

SCW4-N-L030-UNV-DM-C35-AP-xx-xx	3048	22.17	137.50	Premium
SCW4-N-L030-UNV-DM-C35-AF-xx-xx	3084	22.17	139.11	Premium
SCW4-N-L030-UNV-DM-C40-AP-xx-xx	3128	22.17	141.11	Premium
SCW4-N-L030-UNV-DM-C40-AF-xx-xx	3164	22.17	142.76	Premium

SCW8-N-L060-UNV-DM-C35-AP-xx-xx	6195	43.66	141.91	Premium
SCW8-N-L060-UNV-DM-C35-AF-xx-xx	6268	43.66	143.56	Premium
SCW8-N-L060-UNV-DM-C40-AP-xx-xx	6358	43.66	145.63	Premium
SCW8-N-L060-UNV-DM-C40-AF-xx-xx	6432	43.66	147.33	Premium

SCW4-N-L040-UNV-DM-C35-AP-xx-xx	3971	29.52	134.54	Premium
SCW4-N-L040-UNV-DM-C35-AF-xx-xx	4018	29.52	136.11	Premium
SCW4-N-L040-UNV-DM-C40-AP-xx-xx	4075	29.52	138.07	Premium
SCW4-N-L040-UNV-DM-C40-AF-xx-xx	4123	29.52	139.68	Premium

SCW8-N-L080-UNV-DM-C35-AP-xx-xx	8029	59.00	136.09	Premium
SCW8-N-L080-UNV-DM-C35-AF-xx-xx	8123	59.00	137.68	Premium
SCW8-N-L080-UNV-DM-C40-AP-xx-xx	8239	59.00	139.66	Premium
SCW8-N-L080-UNV-DM-C40-AF-xx-xx	8336	59.00	141.29	Premium