



WRAPAROUND - LED

Job Name	Type
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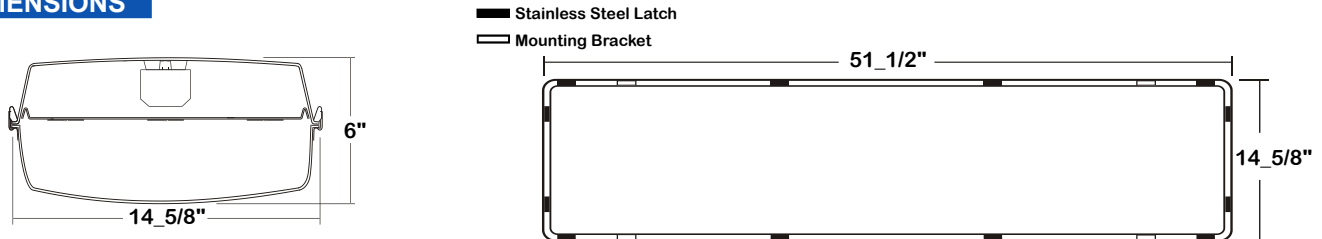


4-CIT400 SERIES

- Fully Enclosed Gasketed LED Luminaire, For Installation In Damp or Wet Locations As Specified.
- Fiberglass Housing and Stainless Steel Latches
- Poured In Place Polyurethane Gasket
- IP67 Rated Enclosure
- 0-10V Standard
- High Efficiency Drivers Coupled with Long-Life LEDs, Service Life up to 310,000 hours(L70).
- Available with:
 - Emergency Battery Pack
 - Motion Sensor
 - NSF - Splash Zone / Non-Food Zone
 - Stainless Steel V-Hook
 - Step Dimming Control
 - Variety of Lenses



DIMENSIONS



ORDERING GUIDE

Example: **4-CIT400** - **24K** - **4L** - **DRCA** - **WL** - **BPL** - **2DRDM** - **UNV** - **3** / **840**

4-CIT400 - [] - **4L** - [] - [] - [] - [] - **UNV** - [] / []


<p>SERIES</p> <p>LED SYSTEM LUMEN</p> <p>6K-Nominal 6000 Lumens LED System 8K-Nominal 8000 Lumens LED System 12K-Nominal 12000 Lumens LED System 16K-Nominal 16000 Lumens LED System 24K-Nominal 24000 Lumens LED System * Refrigerated at 24K only *Additional Lumen Packages Available</p> <p>OPTICAL OPTION</p> <p>DRCA- High Impact Clear Acrylic Lens DRFA- High Impact Frosted Acrylic Lens CPC- Clear Polycarbonate Lens FPC- Frosted Polycarbonate Lens</p>	<p>LENGTH</p> <p>4L- Nominal 4'</p>	<p>ELECTRICAL OPTION</p> <p>BPL- Emergency Battery Pack MS- Motion Sensor SDxx- Step Dimming Control <u>Additional Motion Sensor Options</u> <u>Additional Electrical Options</u></p> <p>MECHANICAL OPTION</p> <p>SZ- NSF - Splash Zone / Non - Food Zone WL- Wet Location (One Watertight Hub Provided)</p>	<p>CR/CCT</p> <p>835- 80+CRI / 3500K Color Temp. 840- 80+CRI / 4000K Color Temp. 850- 80+CRI / 5000K Color Temp. *Additional Color Temp. Available</p> <p># OF LED ROW</p> <p>2- Two Rows for 6K, 8K, 12K, 16K 3- Three Rows for 24K</p> <p>VOLTAGE</p> <p>UNV- 120V-277V</p> <p>DRIVER INFO.</p> <p>1DRDM- 0-10 for 6K, 8K, 12K Lumen System 2DRDM- 0-10 for 16K, 24K Lumen System <u>Additional Driver Options</u></p>
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Los Angeles Lighting Mfg. Co. El Monte / California

TEL: 626-454-8300 FAX: 626-454-8399 www.lalighting.com

SYSTEM DATA

Lumen Package	Optical Option	CRI/CCT	Delivered Lumens	System Watts	Luminaire Efficacy	Fluorescent Equivalent	IES Files	Photometric Report
6K	DRCA	840	5823 LM	53.2 W	111.3 LPW	3-F32T8	LA-T2468	 Click Here
8K	DRCA		7778 LM	67.4 W	115.4 LPW	4-F32T8	LA-T2469	
12K	DRCA		11467 LM	89.0 W	128.8 LPW	3-F54T5HO	LA-T2470	
16K **	DRCA	840	15738.84 LM	133.38 W	118 LPW	4-F54T5HO	LA-T2471	
	DRCA	850	15749.36 LM	131.86 W	119.44 LPW	4-F54T5HO	LA-T2821	
	DRFA	840	15640.95 LM	133.38 W	117 LPW	4-F54T5HO	LA-T2819	
	DRFA	850	15691.34 LM	131.86 W	119 LPW	4-F54T5HO	LA-T2820	
24K **	DRCA	840	24128.37 LM	192.1 W	125.6 LPW	6-F54T5HO	LA-T2824	
	DRCA	850	23230.81 LM	192.07 W	121 LPW	6-F54T5HO	LA-T2823	
	DRFA	840	22669.12 LM	193.21 W	117 LPW	6-F54T5HO	LA-T2822	
	DRFA	850	22798.78 LM	193.21 W	118 LPW	6-F54T5HO	LA-T2825	

Note:

System data above are based on 120V input voltage.

Actual performance may differ as a result of end-user environment and application.

All products are design to operate under normal ambient temperature 25°C (77°F) unless otherwise noted.

System data and specifications subject to change without notice.



MOUNTING ACCESSORIES

CIT4/VH

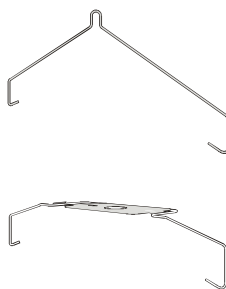
- Stainless steel V-Hook.
- Two hooks per fixture.

CIT4/CM

- Stainless steel ceiling mount hanger.
- Two hangers per fixture

CABLE SUSPENSION SYSTEM

- See appropriate reference page.



SPECIFICATIONS

- **TYPE** Fully enclosed gasketed LED luminaire, for installation in damp or wet locations as specified.
- **CONSTRUCTION** Fiberglass housing, 22 ga. cold rolled steel captive gear tray. All stainless steel hardware. Mounting tabs for V-hook, chain, cable or ceiling mount hanger.
- **FINISH** Gear Tray- Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **OPTICS** 4' high impact clear acrylic lens standard, water clear w/ frosted ends design. Lens secured to fiberglass housing by stainless steel latches.
- **LED SYSTEM** High efficiency drivers coupled with long-life LEDs, service life greater than 50,000 hours (L70).
- **WIRING** Universal Voltage 120v thru 277v.
- **WARRANTY** 5-Year Limited Warranty.
- **LISTING** U. L. Listed. Suitable for damp locations.

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/QPL to confirm which versions are qualified.



Los Angeles Lighting Mfg. Co. El Monte / California

TEL: 626-454-8300 FAX: 626-454-8399 www.lalighting.com

LED lighting facts

4-CIT400-16K-4L-DRCA-2DRDM-UNV-2/840

- 16000 Lumen System
- L90 performance at 100,000 hours
- L70 performance at 310,000 hours



Los Angeles Lighting MFG. Co

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

Light Output (Lumens)	16198
Watts	133.2
Lumens per Watt (Efficacy)	122

Color Accuracy Color Rendering Index (CRI)	83
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Light Color
Correlated Color Temperature (CCT) **3976 (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: -Z8TLYJ (12/23/2015)
Model Number: 4-CIT400-16K-4L-DRCA-2DRDM-UNV-2/840
Type: Luminaire - Industrial

4-CIT400-16K-4L-DRCA-2DRDM-UNV-2/850

- 16000 Lumen System
- L90 performance at 100,000 hours
- L70 performance at 310,000 hours



LA Lighting

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

Light Output (Lumens)	15750
Watts	131.86
Lumens per Watt (Efficacy)	119

Color Accuracy Color Rendering Index (CRI)	84
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Light Color
Correlated Color Temperature (CCT) **5126 (Daylight)**

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: -HDKPPA (11/30/2015)
Model Number: 4-CIT400-16K-4L-DRCA-2DRDM-UNV-2/850
Type: Luminaire - Industrial

4-CIT400-16K-4L-DRFA-2DRDM-UNV-2/840

- 16000 Lumen System
- L90 performance at 100,000 hours
- L70 performance at 310,000 hours



LA Lighting

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

Light Output (Lumens)	15640
Watts	133.38
Lumens per Watt (Efficacy)	117

Color Accuracy Color Rendering Index (CRI)	84
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Light Color
Correlated Color Temperature (CCT) **4008 (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: -MM7QT7 (11/30/2015)
Model Number: 4-CIT400-16K-4L-DRFA-2DRDM-UNV-2/840
Type: Luminaire - Industrial

4-CIT400-16K-4L-DRFA-2DRDM-UNV-2/850

- 16000 Lumen System
- L90 performance at 100,000 hours
- L70 performance at 310,000 hours



Los Angeles Lighting MFG. Co

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

Light Output (Lumens)	15238
Watts	132
Lumens per Watt (Efficacy)	115

Color Accuracy Color Rendering Index (CRI)	84
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Light Color
Correlated Color Temperature (CCT) **5054 (Daylight)**

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*.

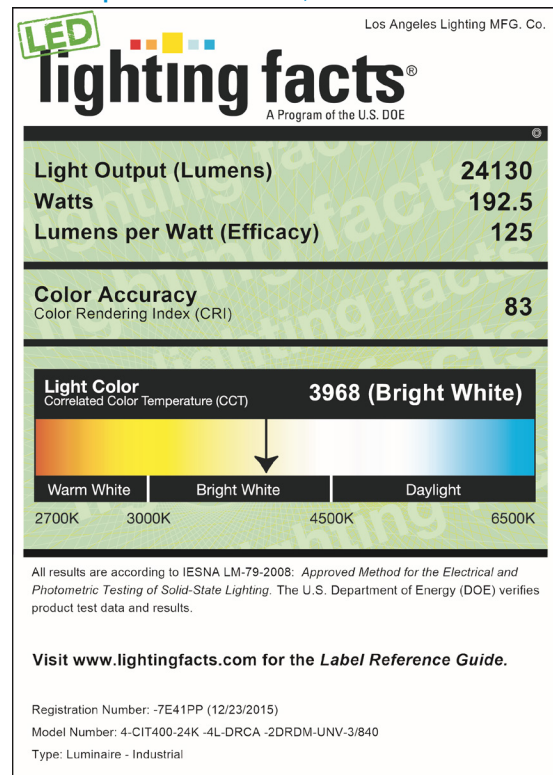
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Model Number: 4-CIT400-16K-4L-DRFA-2DRDM-UNV-2/850
Type: Luminaire - Industrial



LED lighting facts

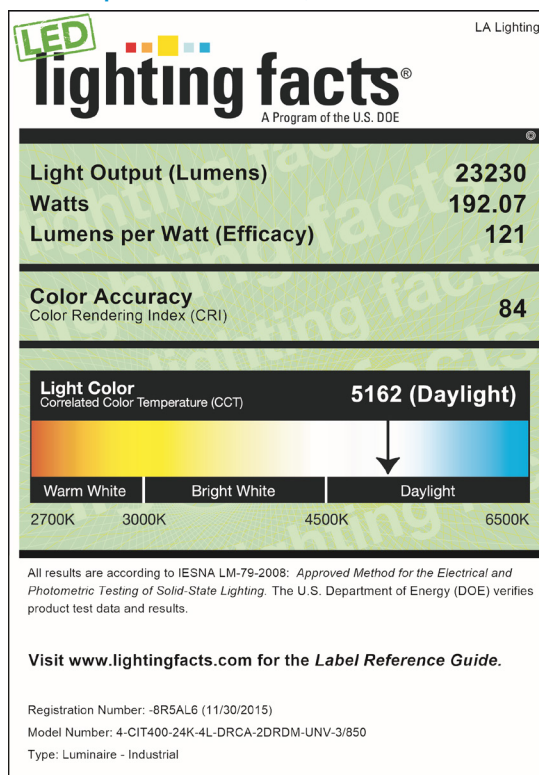
4-CIT400-24K-4L-DRCA-2DRDM-UNV-3/840

- 24000 Lumen System
- L90 performance at 60,000 hours
- L70 performance at 186,000 hours



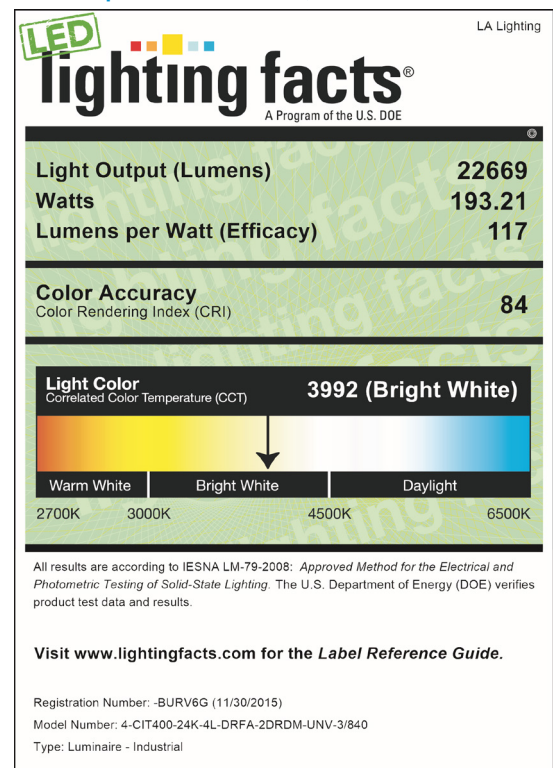
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- 24000 Lumen System
- L90 performance at 60,000 hours
- L70 performance at 186,000 hours



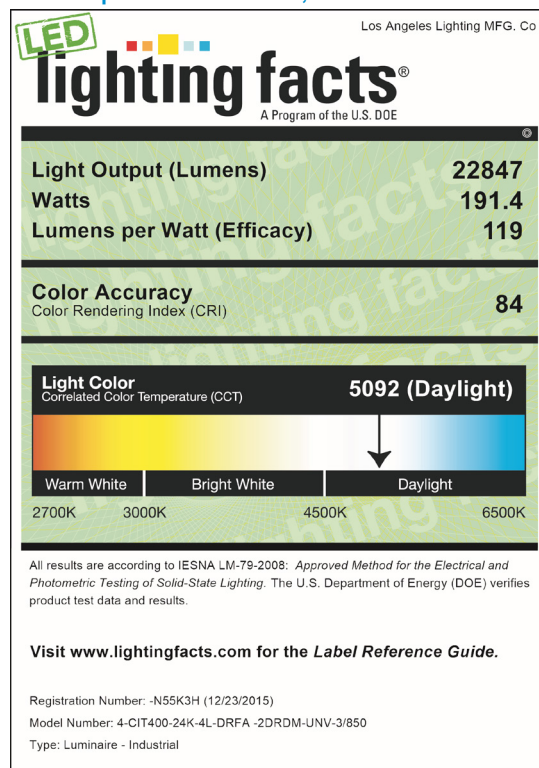
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- 24000 Lumen System
- L90 performance at 60,000 hours
- L70 performance at 186,000 hours



4-CIT400-24K-4L-DRFA-2DRDM-UNV-3/850

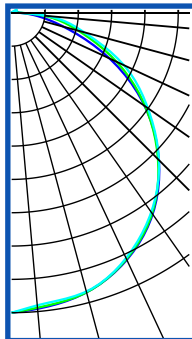
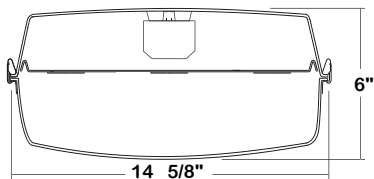
- 24000 Lumen System
- L90 performance at 60,000 hours
- L70 performance at 186,000 hours



PHOTOMETRIC DATA - 4-CIT400

4-CIT400-6K-4L-DRCA-1DR-(ULT)-UNV-2PS/840(SAM)

TEST NO.=LA-T2468
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=52.3 W
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1881	1881	1881
5	1864	1857	1842
15	1815	1815	1810
25	1710	1705	1698
35	1542	1536	1527
45	1306	1298	1307
55	1019	1024	1043
65	678	727	777
75	338	434	470
85	128	200	224
90	55	61	49
95	40	32	27
105	29	28	13
115	16	34	34
125	9	8	29
135	4	3	2
145	2	2	1
155	0	1	2
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1480	24.4	25.4
0-40	2445	40.3	42.0
0-60	4375	72.2	75.1
0-90	5710	94.2	98.1
90-120	98	1.6	1.7
90-150	113	1.9	1.9
90-180	113	1.9	1.9
0-180	5823	96.0	100.0

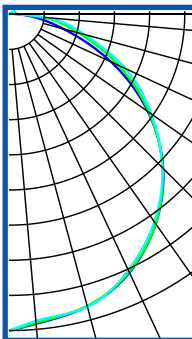
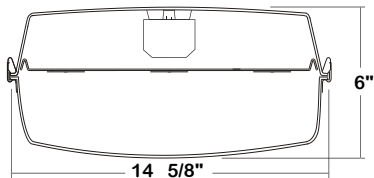
Luminaire Output= 5823 lumens
 Luminaire Efficiency = 96.0%

SPACING CRITERION

ALONG	ACROSS
1.27	1.27

4-CIT400-8K-4L-DRCA-1DR-(ULT)-UNV-2PS/840(SAM)

TEST NO.=LA-T2469
 LED TYPE= 32 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=67.4 W
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	2536	2536	2536
5	2491	2484	2467
15	2425	2421	2429
25	2285	2278	2264
35	2050	2049	2031
45	1748	1741	1739
55	1359	1370	1394
65	904	973	1032
75	452	580	627
85	173	270	301
90	74	81	67
95	56	43	37
105	38	38	18
115	21	45	45
125	12	10	39
135	7	4	2
145	2	2	1
155	0	2	2
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1978	24.4	25.4
0-40	3262	40.3	41.9
0-60	5844	72.2	75.1
0-90	7627	94.2	98.1
90-120	130	1.6	1.7
90-150	150	1.9	1.9
90-180	151	1.9	1.9
0-180	7778	96.0	100.0

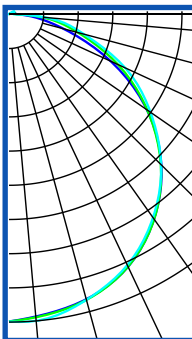
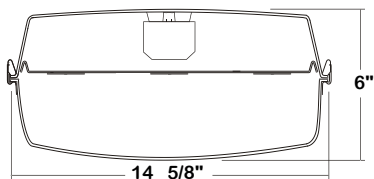
Luminaire Output= 7778 lumens
 Luminaire Efficiency = 96.0%

SPACING CRITERION

ALONG	ACROSS
1.26	1.25

4-CIT400-12K-4L-DRCA-1DR-(ULT)-UNV-2PS/840(SAM)

TEST NO.=LA-T2470
 LED TYPE= 24 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=89.0 W
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	3707	3707	3707
5	3661	3670	3714
15	3560	3568	3567
25	3361	3359	3340
35	3017	3018	2995
45	2570	2561	2566
55	2009	2014	2060
65	1339	1434	1529
75	673	855	924
85	255	393	446
90	109	121	100
95	81	65	54
105	56	55	26
115	33	68	67
125	18	15	56
135	9	5	3
145	3	3	2
155	0	2	4
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2915	24.4	25.4
0-40	4807	40.2	41.9
0-60	8610	72.1	75.1
0-90	11242	94.1	98.0
90-120	194	1.6	1.7
90-150	223	1.9	1.9
90-180	224	1.9	2
0-180	11467	96.0	100.0

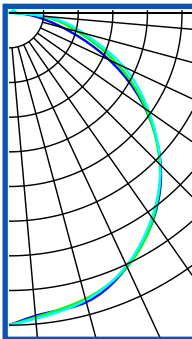
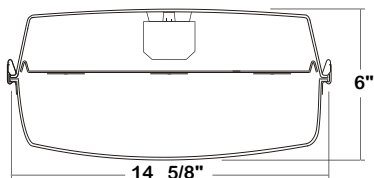
Luminaire Output= 11467 lumens
 Luminaire Efficiency = 96.0%

SPACING CRITERION

ALONG	ACROSS
1.27	1.26

4-CIT400-16K-4L-DRCA-2DRDM(PHI)-UNV-2P/840(PHI)

TEST NO.=LA-T2471
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=133.38 W
 CRI ≥ 80
 L90(Hrs.)=100,000 hours
 L70(Hrs.)=310,000 hours
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	5101	5101	5101
5	5096	5057	5011
15	4914	4901	4917
25	4627	4596	4579
35	4153	4146	4112
45	3531	3517	3522
55	2748	2771	2820
65	1830	1968	2090
75	914	1178	1270
85	348	544	613
90	146	158	131
95	109	89	73
105	79	75	36
115	44	90	95
125	24	20	77
135	11	7	4
145	4	4	2
155	0	3	6
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	4003	24.4	25.4
0-40	6603	40.3	41.9
0-60	11823	72.1	75.1
0-90	15432	94.1	98.0
90-120	264	1.6	1.6
90-150	304	1.8	1.9
90-180	305	1.8	1.9
0-180	15738	96.0	100.0

Luminaire Output=15738.84 lumens
 Luminaire Efficacy = 118 LPW

SPACING CRITERION


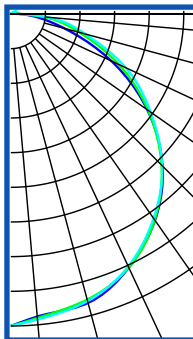
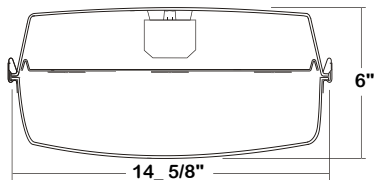
ALONG	ACROSS
1.27	1.26



PHOTOMETRIC DATA - 4-CIT400

4-CIT400-16K-4L-DRCA-2DRDM-UNV-2/850

TEST NO.=LA-T2821
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=131.86 W
 CRI ≥ 80
 L90(Hrs.)=100,000 hours
 L70(Hrs.)=310,000 hours
 PHOTOMETRY TYPE=C

CANDLEPOWER

ANGLE	END	45	CROSS
0	5231	5231	5231
5	5200	5213	5199
15	5044	5118	5125
25	4730	4862	4927
35	4290	4433	2766
45	3651	2399	4115
55	2787	2199	2954
65	1868	2295	2072
75	854	1266	1295
85	210	415	353
90	91	116	208
95	107	98	123
105	106	82	104
115	74	66	81
125	57	59	60
135	48	45	64
145	43	41	45
155	40	40	42
165	41	40	39
175	42	41	41
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% FIXTURE
0-30	4186	12.3
0-40	6742	26.6
0-60	11715	42.8
0-90	15269	74.4
90-120	328	2.1
90-150	447	2.8
90-180	481	3.1
0-180	15750	100.0


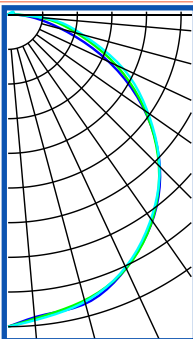
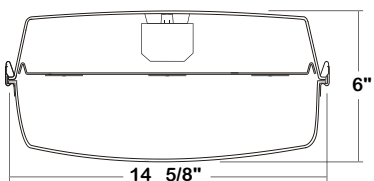
Luminaire Output= 15749.36 lumens
 Luminaire Efficacy = 119.44 LPW

SPACING CRITERION

ALONG	ACROSS
1.30	1.26

4-CIT400-16K-4L-DRFA-2DRDM-UNV-2/840

TEST NO.=LA-T2819
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=133.38 W
 CRI ≥ 80
 L90(Hrs.)=100,000 hours
 L70(Hrs.)=310,000 hours
 PHOTOMETRY TYPE=C

CANDLEPOWER

ANGLE	END	45	CROSS
0	5451	5451	5451
5	5415	5426	5423
15	5207	5354	5230
25	4794	4809	4714
35	4162	4078	3730
45	3325	3096	3126
55	2395	2334	2699
65	1587	1776	2036
75	843	1116	1263
85	269	805	640
90	178	380	435
95	143	270	302
105	121	173	203
115	92	116	148
125	69	72	100
135	55	57	77
145	46	47	58
155	41	41	46
165	42	41	41
175	43	42	42
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% FIXTURE
0-30	4187	12.7
0-40	6694	42.8
0-60	1137	72.7
0-90	14885	95.2
90-120	574	3.7
90-150	721	4.6
90-180	756	4.8
0-180	15641	100.0


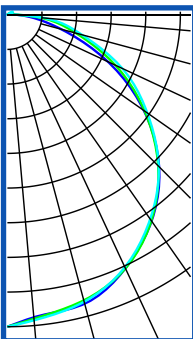
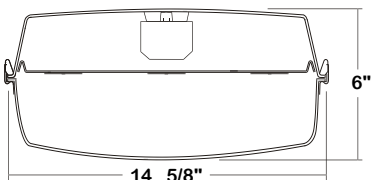
Luminaire Output= 15640.95 lumens
 Luminaire Efficacy = 117 LPW

SPACING CRITERION

ALONG	ACROSS
1.24	1.18

4-CIT400-16K-4L-DRFA-2DRDM(PHI)-UNV-2P/850(PHI)

TEST NO.=LA-T2820
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=4
 SYSTEM WATT (W)=131.86 W
 CRI ≥ 80
 L90(Hrs.)=100,000 hours
 L70(Hrs.)=310,000 hours
 PHOTOMETRY TYPE=C

CANDLEPOWER

ANGLE	END	45	CROSS
0	5077	5077	5077
5	4939	4960	4981
15	4857	4844	4825
25	4588	4576	4578
35	4147	4117	4083
45	3491	3479	3508
55	2636	2670	2739
65	1682	1837	1941
75	809	1065	1180
85	326	542	625
90	184	320	359
95	142	221	241
105	108	172	186
115	61	123	159
125	27	69	108
135	11	36	64
145	4	14	36
155	0	1	11
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3966	23.9	25.2
0-40	6552	39.5	41.7
0-60	11658	70.3	74.3
0-90	15055	90.8	95.9
90-120	534	3.2	3.4
90-150	635	3.8	4.0
90-180	636	3.8	4.0
0-180	15691	94.6	100.0


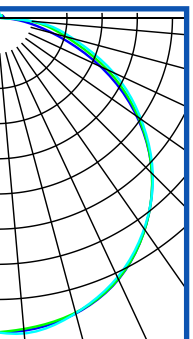
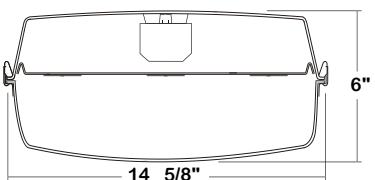
Luminaire Output= 15691.34 lumens
 Luminaire Efficacy = 119 LPW

SPACING CRITERION

ALONG	ACROSS
1.27	1.26

4-CIT400-24K-4L-DRCA-2DRDM(PHI)-UNV-3P/840(PHI)

TEST NO.=LA-T2824
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=6
 SYSTEM WATT (W)=192.1 W
 CRI ≥ 80
 L90(Hrs.)=60,000 hours
 L70(Hrs.)=186,000 hours
 PHOTOMETRY TYPE=C

CANDLEPOWER

ANGLE	END	45	CROSS
0	7657	7657	7657
5	7646	7604	7714
15	7453	7431	7445
25	7026	7013	6968
35	6292	6294	6267
45	5356	5352	5383
55	4172	4225	4298
65	2800	2980	3149
85	515	820	901
90	213	208	170
95	169	123	110
105	166	101	49
115	151	143	112
125	113	118	127
135	65	106	97
145	60	106	104
155	50	81	139
165	23	73	43
175	19	37	75
180	20	20	20

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	6081	24.2	25.2
0-40	10030	40.0	41.5
0-60	17977	71.7	74.5
0-90	23422	93.4	97.0
90-120	409	1.6	1.6
90-150	647	2.5	2.6
90-180	706	2.8	2.9
0-180	24128	96.2	100.0

Luminaire Output= 24128.37 lumens
 Luminaire Efficacy = 125.6 LPW

SPACING CRITERION


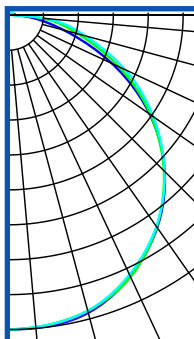
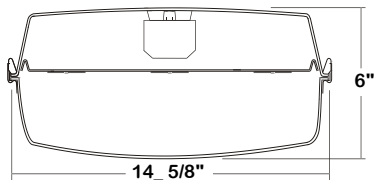
ALONG	ACROSS
1.29	1.27



PHOTOMETRIC DATA - 4-CIT400

4-CIT400-24K-4L-DRCA-2DRDM-UNV-3/850

TEST NO.=LA-T2823
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=6
 SYSTEM WATT (W)=192.07 W
 CRI ≥ 80
 L90(Hrs.)=60,000 hours
 L70(Hrs.)=186,000 hours
 PHOTOMETRY TYPE=C

CANDLEPOWER			
ANGLE	END	45	CROSS
0	7725	7725	7725
5	7671	7722	7699
15	7439	7547	7563
25	6966	7155	7209
35	6318	6487	4614
45	5351	3968	5735
55	4096	4010	4384
65	2757	3101	3084
75	1288	1430	2127
85	320	535	620
90	138	297	291
95	157	161	171
105	176	139	147
115	121	109	125
125	90	82	91
135	75	72	81
145	64	65	68
155	60	59	66
165	61	60	59
175	62	61	61
180	0	0	0


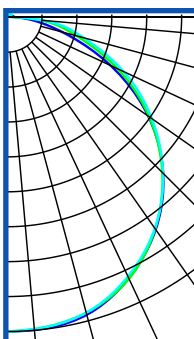
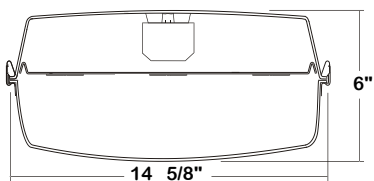
ZONAL LUMEN SUMMARY		
DEGREES	LUMENS	% FIXTURE
0-30	2860	12.3
0-40	6156	42.7
0-60	9915	75.2
0-90	22532	97.0
90-120	471	2.0
90-150	648	2.8
90-180	699	3.0
0-180	23230.81	100.0

Luminaire Output= 23230.81 lumens
 Luminaire Efficacy = 121 LPW

SPACING CRITERION	
ALONG	ACROSS
1.30	1.24

4-CIT400-24K-4L-DRFA-2DRDM-UNV-3/840

TEST NO.=LA-T2822
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=6
 SYSTEM WATT (W)=193.21 W
 CRI ≥ 80
 L90(Hrs.)=60,000 hours
 L70(Hrs.)=186,000 hours
 PHOTOMETRY TYPE=C

CANDLEPOWER			
ANGLE	END	45	CROSS
0	7884	7884	7884
5	7819	7846	7848
15	7496	7576	7605
25	6869	6983	6889
35	5931	5954	5638
45	4723	4631	4769
55	3414	3500	3838
65	2278	2549	2803
75	1212	1567	1808
85	381	775	925
90	237	517	619
95	214	361	421
105	180	241	285
115	140	165	217
125	106	106	147
135	83	94	97
145	67	67	78
155	59	59	66
165	60	59	58
175	62	61	61
180	61	61	61


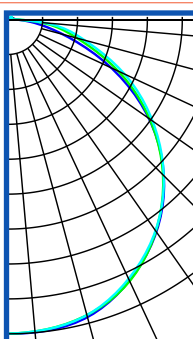
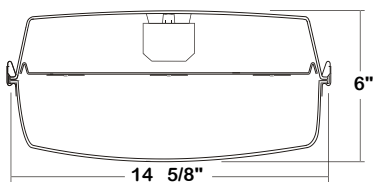
ZONAL LUMEN SUMMARY		
DEGREES	LUMENS	% FIXTURE
0-30	6063	26.7
0-40	9735	42.9
0-60	16610	73.3
0-90	21597	95.3
90-120	805	3.5
90-150	1021	4.5
90-180	1071	4.7
0-180	22669	100.0

Luminaire Output= 22669.12 lumens
 Luminaire Efficacy = 117 LPW

SPACING CRITERION	
ALONG	ACROSS
1.30	1.24

4-CIT400-24K-4L-DRFA-2DRDM(PHI)-UNV-3P/850(PHI)

TEST NO.=LA-T2825
 LED TYPE= 44 LED MODULE
 NO. OF MODULE=6
 SYSTEM WATT (W)=193.21 W
 CRI ≥ 80
 L90(Hrs.)=60,000 hours
 L70(Hrs.)=186,000 hours
 PHOTOMETRY TYPE=C

CANDLEPOWER			
ANGLE	END	45	CROSS
0	7480	7480	7480
5	7338	7422	7413
15	7033	7045	7042
25	6407	6402	6418
35	549	5531	5611
45	4420	4556	4661
55	3374	3545	3751
65	2381	2617	2869
75	1526	1790	2069
85	902	1116	1355
90	342	679	933
95	216	440	642
105	163	319	436
115	103	239	319
125	57	162	239
135	26	99	160
145	12	44	98
155	2	8	36
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	5668	22.9	24.8
0-40	9150	37.0	40.1
0-60	15861	64.1	69.5
0-90	21463	86.7	94.1
90-120	1086	4.3	4.7
90-150	1330	5.3	5.8
90-180	1337	5.4	5.8
0-180	22799	92.1	100.0

Luminaire Output= 22798.78 lumens
 Luminaire Efficacy = 118 LPW

SPACING CRITERION	
ALONG	ACROSS
1.18	1.19

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