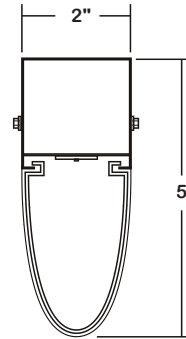


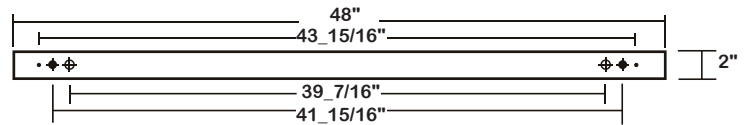
TDC100 (4FT) SERIES (2' AND 8' AVAILABLE) CLASS 100 LINEAR TEAR DROP CLEAN ROOM LUMINAIRE

CLASS 100 SURFACE/SUSPENSION/ROW MOUNTED LED LUMINAIRE

DIMENSIONS



- \varnothing 7/8" K.O.
• 1/4" Hole
- \dagger 11/16" STEM MTG. K.O.



APPLICATIONS

- Clean Room, Retail, Commercial

FEATURES

- 0-10V dimming driver standard (*See DRIVER OPTIONS for other dimming types*)
- Supports California Title 24 compliance

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available (*See SENSOR OPTIONS for wireless controls*)
- Custom colors available (*See CUSTOM COLORS for standard and custom options*)
- Emergency battery pack available (*See BATTERY PACK OPTIONS for battery pack options*)
- Antimicrobial finished housing available
- 24 ga. belly band available (*See ACCESSORIES for details*)
- Cable suspension systems available (*See ACCESSORIES for details*)

SPECIFICATIONS

CONSTRUCTION

- Class 100 / ISO Class 5 equivalent
- 22 ga. cold rolled steel housing
- 18 ga. end caps
- Two 0.25" holes on back of fixture housing for mounting
- T-Bar Mount: Two 0.25" holes on back of housing for T-bar attachment clips (clips by others)
- Surface Row Mount: Use screw-on belly band between fixture for alignment and cover the seam

FINISH

- Baked white polyester finish / minimum reflectance 86%

OPTICAL

- Frosted snap-in lens standard

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) \geq 0.9
- Total Harmonic Distortion (THD) \leq 20%

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

- 5-year limited warranty standard, 10-year limited warranty available.

ORDERING INFORMATION

EXAMPLE: TDC100-2-4L-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	FINISH	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
TDC100			4L			DRDM	UNV	1	
TDC100 Linear Tear Drop Clean Room LED Luminaire	2 Nom. 2000 Lumens 4 Nom. 4000 Lumens 6 Nom. 6000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	4L 4'	AMF Antimicrobial Finished Housing <i>*Leave Blank if Not Specified</i>	BPLSL1.5 Emergency Battery Pack, Slim Casing, Constant 10W Nom. 1500 lm <u>See BATTERY PACK OPTIONS for Options</u> WLC(LED RU) Wireless Control <u>See SENSOR OPTIONS for Options</u> <i>*Leave Blank if Not Specified</i> <u>Additional Electrical Options</u>	DRDM 0-10V Dimming Driver <u>See DRIVER OPTIONS for Options</u>	UNV 120V-277V <u>See DRIVER OPTIONS for Options</u>	1 One LED Row	830 80+CRI / 3000K Color Temp. 835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. 8TW Tunable White 827 to 865 <i>*Additional Color Temp. Available</i>

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	TDC100-2-4L-DRDM-UNV-1/840	1704.68 lm	15.76 W	108.13 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO	LA-T3091
4000 Lumens (Nominal)	TDC100-4-4L-DRDM-UNV-1/840	3255.84 lm	33.29 W	97.79 lm/W	-20°C / 35°C	3-F17T8	*
4000 Lumens (Nominal)	TDC100-4-4L-DRDM-UNV-1/835	4126 lm	31.2 W	132.2 lm/W	-20°C / 35°C	3-F17T8	LA-T3472
6000 Lumens (Nominal)	TDC100-6-4L-DRDM-UNV-1/840	4654.24 lm	52.35 W	88.90 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO	*
6000 Lumens (Nominal)	TDC100-6-4L-DRDM-UNV-1/835	5898 lm	51.7 W	114.08 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO	LA-T3556

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	TDC100-2HE-4L-DRDM-UNV-1/840	1856 lm	12.7 W	146.2 lm/W	-20°C / 35°C	1-F32T8	*
4000 Lumens (Nominal)	TDC100-4HE-4L-DRDM-UNV-1/840	3695 lm	25.9 W	142.6 lm/W	-20°C / 35°C	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	TDC100-6HE-4L-DRDM-UNV-1/840	5482 lm	39.6 W	138.3 lm/W	-20°C / 35°C	3-F32T8	*

NOTE:

System data above is based on 120V input voltage.

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

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range from -20°C to 35°C.

Additional lumen packages and color temperatures available.

ACCESSORIES

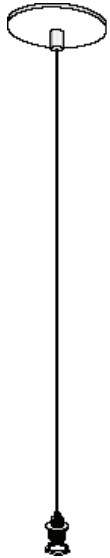
BB-TDC100

- 24 ga. Belly Band
- Screw-on Belly Band between fixtures when row mounting
- Post-painted cold rolled steel, painted after fabrication



CANOPY / CABLE SUSPENSION SYSTEM

- Self-locking, one-step adjustable suspension device with canopies
- Provides a full circumferential 360° swivel action



433B

- Blank canopy with cable
- No power cord
- Cable length 48" and 96"
- Max. weight 196 lbs. per set

433B - 48 W

COLOR

- W** White Standard
- B** Black

CABLE LENGTH

48" and 96" Standard
(other lengths as specified)



444F

- Feed-in canopy with straight cord
- Includes power cord
- Cable length 48" and 96"
- Max. weight 196 lbs. per set

444F-48SW-2C

OF CIRCUIT

- 2C** Two Circuits
- LV** 0-10V Dimming
- Leave blank for one circuit*

COLOR

- W** White Standard
- B** Black

CORD TYPE

- S** Straight Cord

CABLE LENGTH

48" and 96" Standard
(other lengths as specified)

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

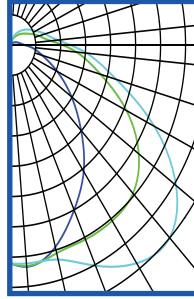
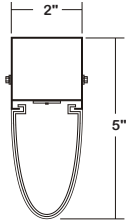
Variety of RAL colors available upon request.



PHOTOMETRIC DATA - TDC100 SERIES

TDC100-2-4L-1DRDM-UNV-1/840

TEST NO. = LA-T3091
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 2
 SYSTEM WATT (W) = 16
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	391	391	391
5	399	398	393
15	375	386	398
25	326	385	437
35	277	385	478
45	217	376	489
55	162	340	439
65	112	278	345
75	71	202	238
85	45	144	166
90	31	114	130
95	24	88	102
105	17	64	78
115	12	48	60
125	8	36	48
135	5	28	38
145	3	20	29
155	1	13	19
165	0	5	10
175	0	0	1
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	325	14.5	16.6
0-40	564	25.2	28.8
0-60	1133	50.6	58
0-90	1702	76	87
90-120	189	8.4	9.6
90-150	248	11.1	12.7
90-180	255	11.4	13
0-180	1956	87.3	100

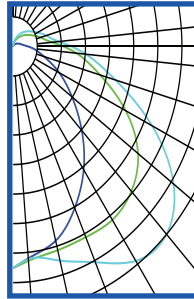
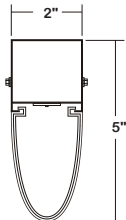
Luminaire Output = 1956.38 lm
 Luminaire Efficacy = 122.3 lm/W

SPACING CRITERION

ALONG	ACROSS
1.15	1.82

TDC100-4-4L-1DRDM-UNV-1/835

TEST NO. = LA-T3472
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 2
 SYSTEM WATT (W) = 31.2
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	746	746	746
5	716	725	719
15	678	710	747
25	600	708	802
35	507	713	882
45	400	689	895
55	296	629	808
65	209	512	632
75	131	371	437
85	83	262	301
90	60	207	240
95	45	160	188
105	31	117	141
115	22	88	110
125	15	67	88
135	9	50	70
145	5	36	53
155	1	23	35
165	0	9	18
175	0	0	2
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	597	14	16
0-40	1039	25	28
0-60	2087	50	57
0-90	3132	75	86
90-120	347	8.4	9.6
90-150	456	11.7	12.6
90-180	469	11.3	13
0-180	3601	87.2	100

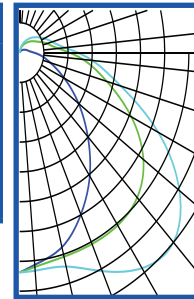
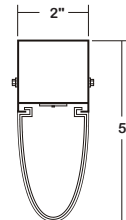
Luminaire Output = 4126 lm
 Luminaire Efficacy = 66.1 lm/W

SPACING CRITERION

ALONG	ACROSS
1.11	1.77

TDC100-6-4L-1DRDM-UNV-1/835

TEST NO. = LA-T3556
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 2
 SYSTEM WATT (W) = 51.7
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	1056	1056	1056
5	1023	1034	1051
15	968	1015	1064
25	858	1014	1158
35	724	1013	1264
45	571	985	1156
55	426	895	1156
65	292	730	907
75	188	534	620
85	117	376	431
90	84	294	343
95	62	229	270
105	45	167	200
115	32	123	160
125	22	95	128
135	14	72	101
145	8	52	74
155	2	33	50
165	0	14	25
175	0	1	3
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	855	14.5	16.6
0-40	1485	25.1	28.8
0-60	2984	50.6	57.9
0-90	4477	75.9	87.0
90-120	494	8.3	9.60
90-150	651	11.0	12.6
90-180	668	11.3	13
0-180	5146	87	100

Luminaire Output = 5898 lm
 Luminaire Efficacy = 114.08 lm/W

SPACING CRITERION

ALONG	ACROSS
1.12	1.79

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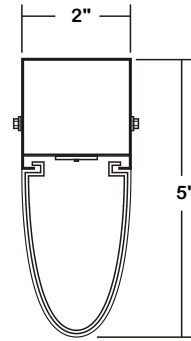
CLEAN ROOM LED

TDC100 (2FT) SERIES (4' AND 8' AVAILABLE)

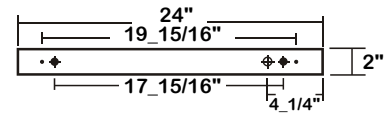
CLASS 100 LINEAR TEAR DROP CLEAN ROOM LUMINAIRE



CLASS 100 SURFACE/SUSPENSION/ROW MOUNTED LED LUMINAIRE DIMENSIONS



- ⌀ 7/8" K.O.
- 1/4" Hole
- ✦ 11/16" STEM MTG. K.O.



APPLICATIONS

- Clean Room, Retail, Commercial

FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Custom colors available
- Emergency battery pack available
- Antimicrobial finished housing available
- 24 ga. belly band available
- Cable suspension systems available

SPECIFICATIONS

CONSTRUCTION

- Class 100 / ISO Class 5 equivalent
- 22 ga. cold rolled steel housing
- 18 ga. end caps
- Two 0.25" holes on back of fixture housing for mounting
- T-Bar Mount: Two 0.25" holes on back of housing for T-bar attachment clips (clips by others)
- Surface Row Mount: Use screw-on belly band between fixture for alignment and cover the seam

FINISH

- Baked white polyester finish / minimum reflectance 86%

OPTICAL

- Frosted snap-in lens standard

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) $\leq 20\%$

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

- 5-Year limited warranty standard. 10-Year limited warranty also available

ORDERING INFORMATION

EXAMPLE: TDC100-2-2L-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	FINISH	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
TDC100			2L			DRDM	UNV	1	
TDC100 Linear Tear Drop Clean Room LED Luminaire	1 Nom. 1000 Lumens 2 Nom. 2000 Lumens 3 Nom. 3000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	2L 2'	AMF Antimicrobial Finished Housing *Leave Blank if Not Specified	BPLSL1.5 1500lm Emergency Battery Pack, Slim Housing WLC(LED RU) Wireless Control *Leave Blank if Not Specified <u>Additional Electrical Options</u>	DRDM 0-10V Dimming Driver	UNV 120V-277V	1 One LED Row	830 80+CRI / 3000K Color Temp. 835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. *Additional Color Temp. Available

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

NOMINAL SIZE	LED LUMEN PACKAGE	OPTICAL OPTION	CRI / CCT	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	FLUORESCENT / CFL EQUIVALENT	IES FILES
2'	1000 lm	Frosted	840	851.96 lm	7.88 W	108.08 lm/W	1-F17T8	LA-T3090
	1000HE lm	Frosted	840	914 lm	6.3 W	144.0 lm/W	1-F17T8	*
	2000 lm	Frosted	840	1627.92 lm	16.71 W	97.45 lm/W	2-F17T8, 1-F24T5HO, 1-BX40	*
	2000HE lm	Frosted	840	1820 lm	13.0 W	140.4 lm/W	2-F17T8, 1-F24T5HO, 1-BX40	*
	3000 lm	Frosted	840	2327.12 lm	26.12 W	89.10 lm/W	3-F17T8, 1-BX55	*
	3000HE lm	Frosted	840	2700 lm	19.8 W	136.2 lm/W	3-F17T8, 1-BX55	*

NOTE:

System data above is based on 120V input voltage.

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

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range from -20°C to 35°C.

Additional lumen packages and color temperatures available.

ACCESSORIES

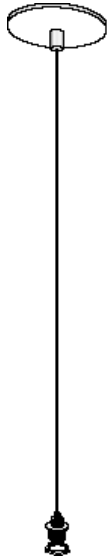
BB-TDC100

- 24 ga. Belly Band
- Screw-on Belly Band between fixtures when row mounting
- Post-painted cold rolled steel, painted after fabrication



CANOPY / CABLE SUSPENSION SYSTEM

- Self-locking, one-step adjustable suspension device with canopies
- Provides a full circumferential 360° swivel action



433B

- Blank canopy with cable
- No power cord
- Cable length 48" and 96"
- Max. weight 196 lbs. per set

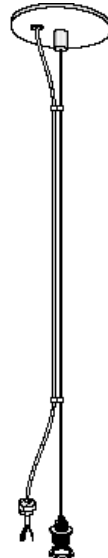
433B - 48 W

COLOR

- W** White Standard
- B** Black

CABLE LENGTH

- 48" and 96" Standard (other lengths as specified)



444F

- Feed-in canopy with straight cord
- Includes power cord
- Cable length 48" and 96"
- Max. weight 196 lbs. per set

444F-48SW-2C

OF CIRCUIT

- 2C** Two Circuits
- LV** 0-10V Dimming
- Leave blank for one circuit*

COLOR

- W** White Standard
- B** Black

CORD TYPE

- S** Straight Cord

CABLE LENGTH

- 48" and 96" Standard (other lengths as specified)

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

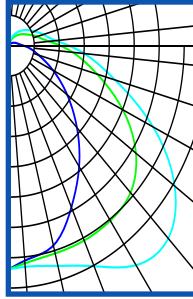
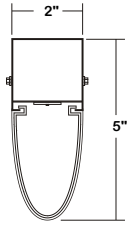
Variety of *RAL colors* & *Axalta/DuPont colors* available upon request.



PHOTOMETRIC DATA - TDC100 SERIES

TDC100-1-2L-DRDM-UNV-1/840

TEST NO.= LA-T3090
 LED TYPE=48 LED MODULE
 NO. OF MODULE=1
 SYSTEM WATT (W)=8
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	197	197	197
5	194	197	196
15	185	193	200
25	159	192	219
35	133	191	240
45	105	185	244
55	76	167	220
65	52	136	172
75	33	99	119
85	21	70	81
90	15	55	65
95	11	43	51
105	8	31	38
115	6	23	30
125	4	18	25
135	3	14	20
145	1	10	15
155	1	6	10
165	0	3	5
175	0	0	1
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	162	14.4	16.8
0-40	280	25	29.1
0-60	560	50	58.2
0-90	838	74.8	87
90-120	93	8.3	9.6
90-150	122	10.9	12.7
90-180	126	11.2	13
0-180	964	86	100

Luminaire Output= 964 lm
 Luminaire Efficacy = 120.5 lm/W

SPACING CRITERION

ALONG	ACROSS
1.11	1.80

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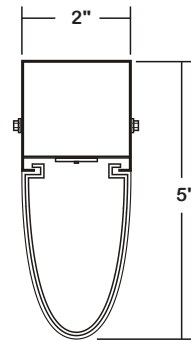
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TDC 100 (8FT) SERIES (2' AND 4' AVAILABLE)

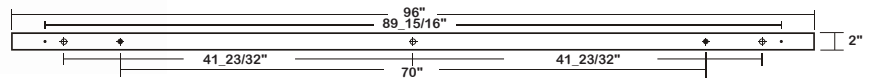
CLASS 100 LINEAR TEAR DROP CLEAN ROOM LUMINAIRE

CLASS 100 SURFACE/SUSPENSION/ROW MOUNTED LED LUMINAIRE

DIMENSIONS



- ⌀ 7/8" K.O.
- 1/4" Hole
- ✦ 11/16" STEM MTG. K.O.



APPLICATIONS

- Clean Room, Retail, Commercial

FEATURES

- 0-10V dimming driver standard (See [DRIVER OPTIONS](#) for other dimming types)
- Supports California Title 24 compliance

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available (See [SENSOR OPTIONS](#) for wireless controls)
- Custom colors available (See [CUSTOM COLORS](#) for standard and custom options)
- Emergency battery pack available (See [BATTERY PACK OPTIONS](#) for battery pack options)
- Antimicrobial finished housing available
- 24 ga. belly band available (See [ACCESSORIES](#) for details)
- Cable suspension systems available (See [ACCESSORIES](#) for details)

SPECIFICATIONS

CONSTRUCTION

- Class 100 / ISO Class 5 equivalent
- 22 ga. cold rolled steel housing
- 18 ga. end caps
- Two 0.25" holes on back of fixture housing for mounting
- T-Bar Mount: Two 0.25" holes on back of housing for T-bar attachment clips (clips by others)
- Surface Row Mount: Use screw-on belly band between fixture for alignment and cover the seam

FINISH

- Baked white polyester finish / minimum reflectance 86%

OPTICAL

- Frosted snap-in lens standard
- Two lenses per 8' unit with screw-on belly band

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) $\leq 20\%$

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

- 5-year limited warranty standard, 10-year limited warranty available.

ORDERING INFORMATION

EXAMPLE: TDC100-4-8L-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	FINISH	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
TDC100			8L			DRDM	UNV	1	
TDC100 Linear Tear Drop Clean Room LED Luminaire	4 Nom. 4000 Lumens 6 Nom. 6000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens *Additional Lumen Packages Available	(Blank) Standard HE High Efficacy	8L 8'	AMF Antimicrobial Finished Housing *Leave Blank if Not Specified	BPLSL1.5 Emergency Battery Pack, Slim Casing, Constant 10W Nom. 1500 lm <u>See BATTERY PACK OPTIONS for Options</u> WLC(LED RU) Wireless Control <u>See SENSOR OPTIONS for Options</u> *Leave Blank if Not Specified <u>Additional Electrical Options</u>	DRDM 0-10V Dimming Driver <u>See DRIVER OPTIONS for Options</u>	UNV 120V-277V <u>See DRIVER OPTIONS for Options</u>	1 One LED Row	830 80+CRI / 3000K Color Temp. 835 80+CRI / 3500K Color Temp. 840 80+CRI / 4000K Color Temp. 850 80+CRI / 5000K Color Temp. 8TW Tunable White 827 to 865 *Additional Color Temp. Available

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	TDC100-4-8L-DRDM-UNV-1/840	3409.36 lm	31.41 W	108.54 lm/W	-20°C / 35°C	2-F32T8	LA-T3092
6000 Lumens (Nominal)	TDC100-6-8L-DRDM-UNV-1/840	4999.28 lm	48.59 W	102.89 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	TDC100-8-8L-DRDM-UNV-1/835	6512.44 lm	66.71 W	97.63 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	TDC100-12-8L-DRDM-UNV-1/835	11796 lm	98.8 W	119.39 lm/W	-20°C / 35°C	6-F32T8	LA-T3555

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	TDC100-4HE-8L-DRDM-UNV-1/840	3739 lm	25.4 W	147.20 lm/W	-20°C / 35°C	2-F32T8	*
6000 Lumens (Nominal)	TDC100-6HE-8L-DRDM-UNV-1/840	5605 lm	38.5 W	145.58 lm/W	-20°C / 35°C	3-F32T8	*
8000 Lumens (Nominal)	TDC100-8HE-8L-DRDM-UNV-1/840	7444 lm	51.8 W	143.70 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	TDC100-12HE-8L-DRDM-UNV-1/840	11043 lm	79.3 W	139.25 lm/W	-20°C / 35°C	6-F32T8	*

NOTE:

System data above is based on 120V input voltage.

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

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range from -20°C to 35°C.

Additional lumen packages and color temperatures available.

PERFORMANCE DATA

[VIEW PHOTOMETRICS](#)

SENSOR OPTIONS



CONTROLS AND SENSORS

WLC(LED RU) - EnOcean® LED Relay Zone Controller

- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount

- Wireless single rocker switch with mounting plate
- No batteries needed

ESDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount

- Wireless double rocker switch with mounting plate
- No batteries needed

S3054-N30 - EnOcean® Navigan NWC 300U – Commissioning Tool

- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, and to edit & store projects
- Configuration settings can be saved and cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount

- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50') and long range (100') options
- Mounting height: 6-8 feet

EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount

- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

EOSCU-W-EO - EnOcean® Light Level Sensor

- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source

DRIVER OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.

DRDM — **UNV** * Normal Stock Item

VOLTAGE

- 120V** 120 Volt
- 277V** 277 Volt
- UNV*** Universal 120-277 Volt
- 347V** 347 Volt
- 480V** 480 Volt

DRIVER TYPE

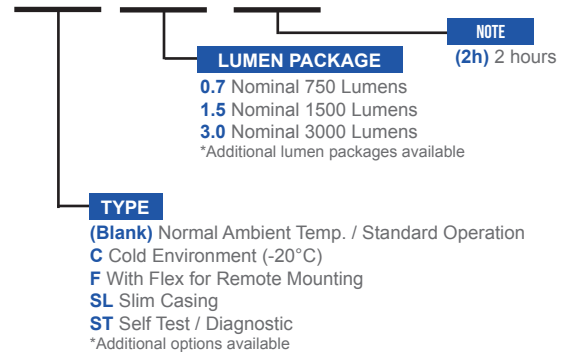
- DRDM*** 0-10V Dimming Driver
- DRDM1** 0-10V Dimming Driver, 1% Dimming
- DRDM2C** 2-Channel 0-10V Dimming Driver (for Color Tunable White)
- DR2W** 2-Wire Phase Dimming Driver
- DRDA** Digital Addressable DALI Dimming Driver
- DRDA2C** Digital Addressable DALI Type8 2-Channel Driver (for Color Tunable White)
- DRDA2.0** Digital Addressable DALI 2.0 Dimming Driver
- DRDA2.02C** Digital Addressable DALI 2.0 Type8 2-Channel Driver (for Color Tunable White)
- DRSD** Step Dimming Driver
- DR(LTEA2W)** Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
- DR(LDE1)** Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
- DR(LDE5)** Lutron® EcoSystem 5% Dimming Driver
- DR(PEQ0)** Lutron® EcoSystem 0.1% Soft-On, Fade-to-Black Dimming Driver
- DR(PSQ0)** Lutron® T-Series Digital 1% Dimming 2-Channel Driver (for Color Tunable White)
- DRCR** Control Ready Driver
- DRCR(DXL)** Osram Dexal Driver
- DRCR(SR)** Philips Sensor Ready Driver

BATTERY PACK OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED BATTERY PACK OPTION WORKS WITH THIS FIXTURE.

LED EMERGENCY BATTERY PACKS
(Operate for 90 minutes unless otherwise specified)

BPL



ACCESSORIES

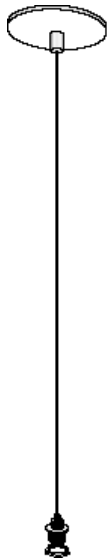
BB-TDC100

- 24 ga. Belly Band
- Screw-on Belly Band between fixtures when row mounting
- Post-painted cold rolled steel, painted after fabrication



CANOPY / CABLE SUSPENSION SYSTEM

- Self-locking, one-step adjustable suspension device with canopies
- Provides a full circumferential 360° swivel action



433B

- Blank canopy with cable
- No power cord
- Cable length 48" and 96"
- Max. weight 196 lbs. per set

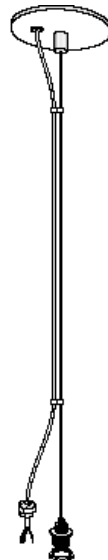
433B - 48 W

COLOR

- W** White Standard
- B** Black

CABLE LENGTH

48" and 96" Standard
(other lengths as specified)



444F

- Feed-in canopy with straight cord
- Includes power cord
- Cable length 48" and 96"
- Max. weight 196 lbs. per set

444F-48SW-2C

OF CIRCUIT

- 2C** Two Circuits
- LV** 0-10V Dimming
- Leave blank for one circuit*

COLOR

- W** White Standard
- B** Black

CORD TYPE

- S** Straight Cord

CABLE LENGTH

48" and 96" Standard
(other lengths as specified)

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

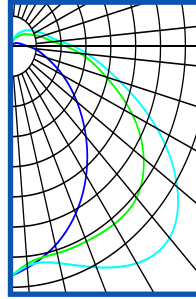
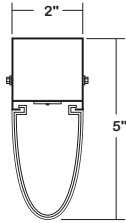
Variety of RAL colors available upon request.



PHOTOMETRIC DATA - TDC100 SERIES

TDC100-4-8L-1DRDM-UNV-1/840

TEST NO. = LA-T3092
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 4
 SYSTEM WATT (W) = 31.3
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	808	808	808
5	783	770	777
15	726	755	791
25	650	758	859
35	557	765	933
45	450	755	955
55	342	690	865
65	242	571	686
75	156	419	480
85	98	297	328
90	70	230	266
95	53	180	207
105	36	131	154
115	26	96	120
125	17	73	98
135	12	55	77
145	5	39	56
155	2	26	39
165	0	11	20
175	0	1	3
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	639	14.3	16.2
0-40	1113	24.8	28.3
0-60	2258	50.4	57.3
0-90	3424	76.4	86.9
90-120	385	8.6	9.8
90-150	504	11.2	12.8
90-180	517.3	11.5	13.1
0-180	3941	87.9	100

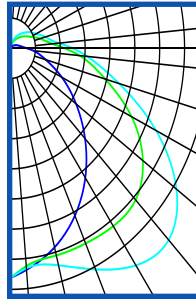
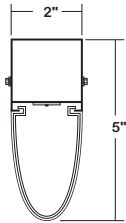
Luminaire Output= 3941.03 lm
 Luminaire Efficacy = 125.9 lm/W

SPACING CRITERION

ALONG	ACROSS
1.12	1.74

TDC100-12-8L-1DRDM-UNV-1/835

TEST NO. = LA-T3555
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 4
 SYSTEM WATT (W) = 98.8
 CRI ≥ 80
 L70(Hrs.) ≥ 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	2107	2107	2107
5	2055	2024	2015
15	1909	1991	2081
25	1705	1990	2256
35	1459	2010	2454
45	1187	1982	2512
55	902	1813	2275
65	636	1500	1805
75	411	1098	1252
85	260	785	870
90	183	618	701
95	135	670	542
105	98	341	408
115	67	251	317
125	45	193	251
135	29	144	201
145	15	103	151
155	4	66	99
165	0	27	51
175	0	1	7
180	0	0	0

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1679	14.3	16.20
0-40	2924	24.9	28.2
0-60	5935	50.3	57.2
0-90	9004	76.3	86.8
90-120	1011	8.5	9.7
90-150	1324	11.23	12.7
90-180	1359	11.5	13.1
0-180	10363	87.6	100

Luminaire Output= 3941.03 lm
 Luminaire Efficacy = 119.3 lm/W

SPACING CRITERION

ALONG	ACROSS
1.12	1.75

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