



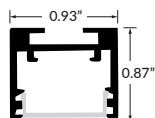
T-GRID 1" DROP CEILING FIXTURE

for 15/16" suspended ceilings/drop ceilings



SPECIFICATIONS

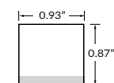
FINISH	White powder coat
INPUT VOLTAGE	24VDC
IP RATING	IP20 dry
APPEARANCE	Uniform diode appearance - no dots
CCT	3000K, 3500K, 4000K
WATTAGE & OUTPUT	12W, 24N - 615 to 1300 lm 24W, 48IN - 1045 to 2060 lm see page 2 for details
CRI	90+
LEDS	Osram single binned LEDs +/- 30-70 CCT,
MOUNTING	Integrated mounting clips, compatible with 15/16" T-Grid suspended ceilings/drop ceilings
POWER FEED	5A max, 48" cable with male Molex connector
POWER SUPPLY	Requires a 24V power supply - see page 8
WARRANTY	5 year limited



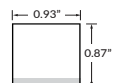
5 YEAR
LIMITED
WARRANTY



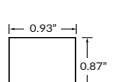
see page 4-7 for Photometry details



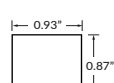
FROSTED LENS (F)



BLACK LOUVER 30° LENS (L30)



BLACK LOUVER 60° LENS (L60)



MICROPRISM LENS (M)



ASYMMETRIC LENS (A)



DOUBLE ASYMMETRIC LENS (DA)



BLOCK LENS (BF)

PART NUMBER BUILDER / ORDERING GUIDE

Example part number: LLI-TG1-24IN12W-35K-BF-20-24V

SERIES	LENGTH/WATTAGE	CCT/COLOR	LENS TYPE	IP RATING	INPUT
LLI-TG1	-	-	-	20	24V
	24IN12W - 24", 12W 48IN24W - 48", 24W	30K - 3000K 35K - 3500K 40K - 4000K	A - asymmetric BF - block DA - double asymmetric F - frosted lens L30 - louver 30° L60 - louver 60° M - microprism	20 - IP20 dry	24V - 24VDC



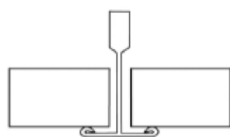
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OUTPUT

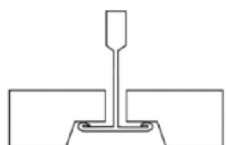
LENS	LENGTH	TOTAL LUMENS @ 3000K	LUMENS PER FOOT		
			@ 3000K	@ 3500K	@ 4000K
Frosted	24IN	960 lm	480 lm/ft	493 lm/ft	505 lm/ft
	48IN	1925 lm	481 lm/ft	493 lm/ft	505 lm/ft
Asymmetric	24IN	1300 lm	650 lm/ft	670 lm/ft	690 lm/ft
	48IN	2620 lm	655 lm/ft	670 lm/ft	690 lm/ft
Double Asymmetric	24IN	1300 lm	650 lm/ft	670 lm/ft	690 lm/ft
	48IN	2620 lm	655 lm/ft	670 lm/ft	690 lm/ft
Microprism	24IN	1045 lm	523 lm/ft	536 lm/ft	550 lm/ft
	48IN	2090 lm	523 lm/ft	536 lm/ft	550 lm/ft
30° Louver	24IN	790 lm	395 lm/ft	405 lm/ft	415 lm/ft
	48IN	1580 lm	395 lm/ft	405 lm/ft	415 lm/ft
60° Louver	24IN	615 lm	308 lm/ft	315 lm/ft	323 lm/ft
	48IN	1225 lm	306 lm/ft	315 lm/ft	323 lm/ft
Block	24IN	1225 lm	613 lm/ft	629 lm/ft	645 lm/ft
	48IN	2450 lm	613 lm/ft	629 lm/ft	645 lm/ft

MOUNTING



SQUARE EDGE TILES

Luminaire can be mounted in various configurations. See Fig. 1.1, Blue and Orange lines.



TEGULAR EDGE TILES

Luminaire must be aligned to ceiling grid. See Fig. 1.1, Blue lines only.

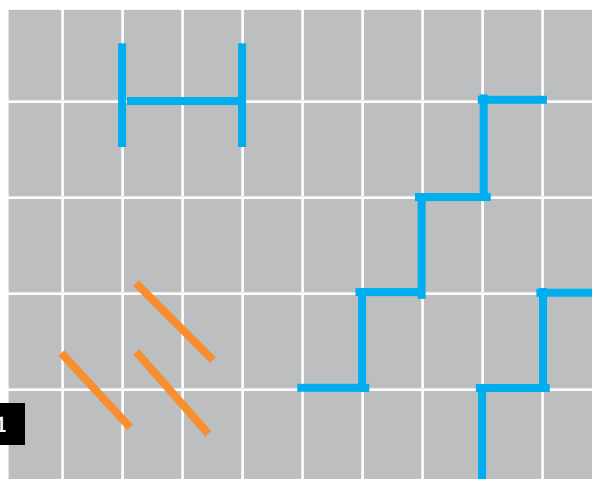


Fig. 1.1

ACCESSORIES (SOLD SEPARATELY)



POWER FEED EXTENDER, 78"

1 female to 1 male Molex connector
5A max, dry location only

LLI-TG1-CON-78IN



4-WAY SPLITTER, 24"

4 female to 1 male Molex connector
5A max, dry location only

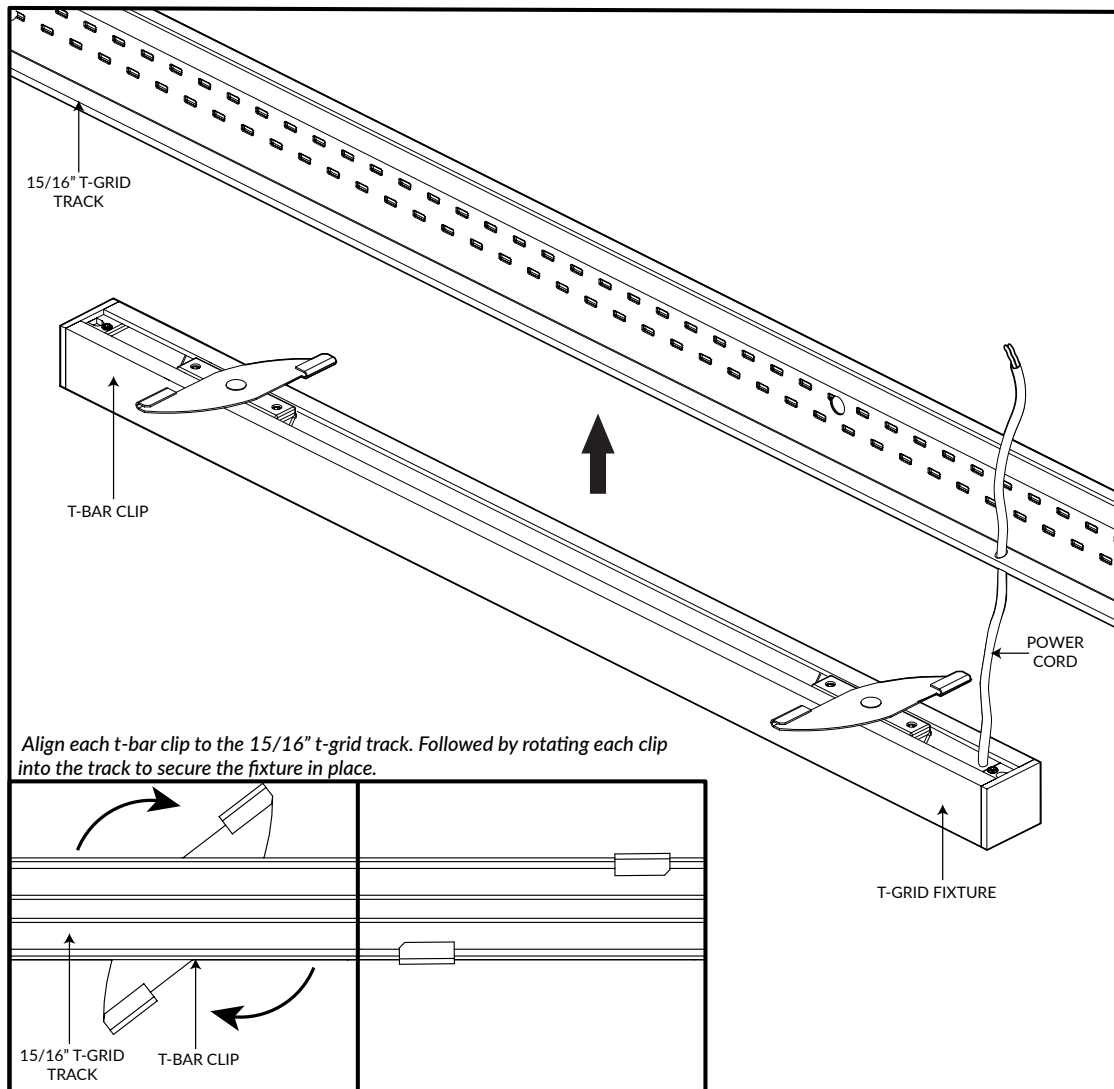
LLI-TG1-4WAY-24IN



T-GRID 1" DROP CEILING FIXTURE

for 15/16" suspended ceilings/drop ceilings

INSTALLATION



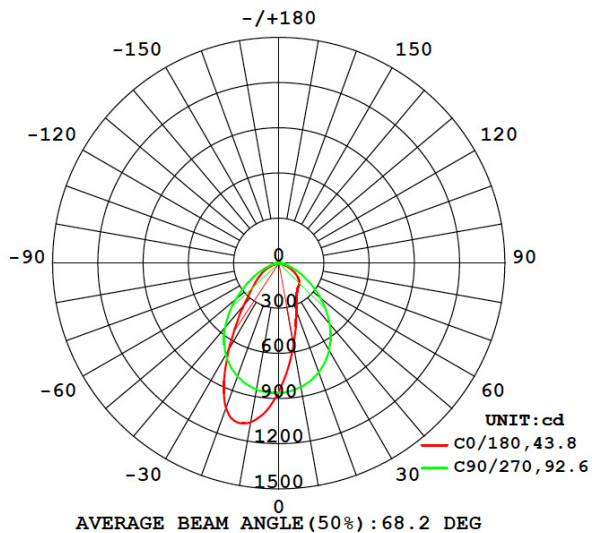


T-GRID 1" DROP CEILING FIXTURE

for 15/16" suspended ceilings/drop ceilings

PHOTOMETRICS

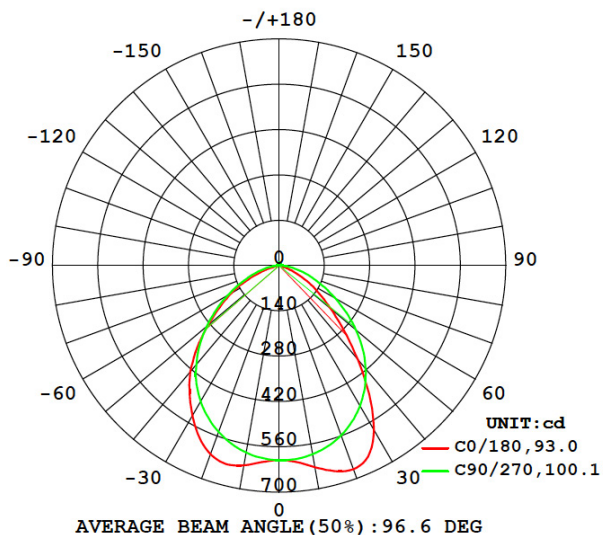
ASYMMETRIC LENS (A)



Flux out: 759.9 lm

3.28ft	493.3, 1023lx	53.3"
6.56ft	123.3, 255.8lx	106.3"
9.84ft	54.81, 113.7lx	159.9"
13.12ft	30.83, 63.94lx	213.2"
16.40ft	19.73, 40.92lx	266.6"
19.69ft	13.70, 28.42lx	319.9"

DOUBLE ASYMMETRIC LENS (DA)



Flux out: 1062 lm

3.28ft	255.4, 603.3lx	88.4"
6.56ft	63.84, 150.8lx	176.8"
9.84ft	28.37, 67.03lx	265.1"
13.12ft	15.96, 37.71lx	353.5"
16.40ft	10.21, 24.13lx	441.9"
19.69ft	7.093, 16.76lx	530.3"

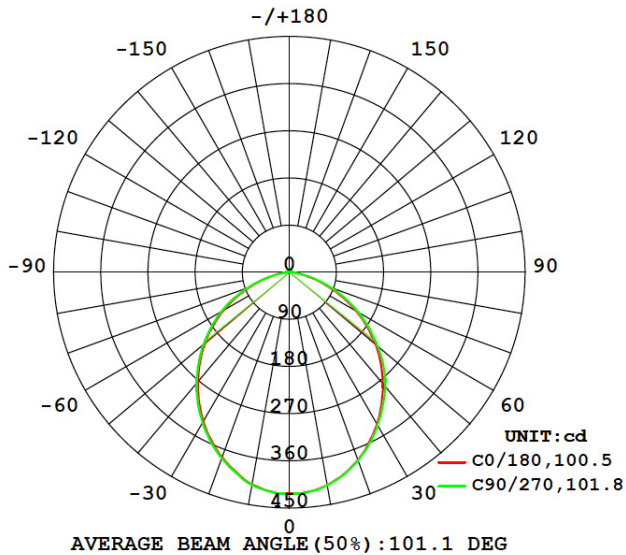


T-GRID 1" DROP CEILING FIXTURE

for 15/16" suspended ceilings/drop ceilings

PHOTOMETRICS

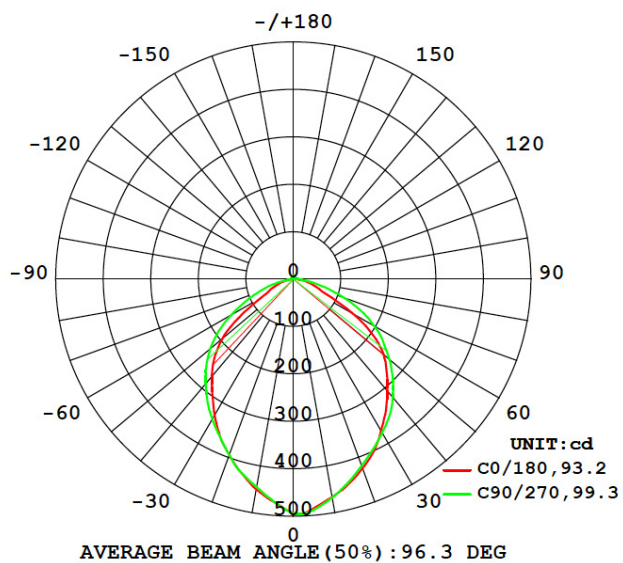
FROSTED LENS (F)



Flux out: 718.7 lm

3.28ft	150.0, 424.51x	94.6"
6.56ft	37.50, 106.11x	189.2"
9.84ft	16.67, 47.161x	283.8"
13.12ft	9.375, 26.531x	378.4"
16.40ft	6.000, 16.981x	473.0"
19.69ft	4.167, 11.791x	567.6"

MICROPRISM LENS (M)



Flux out: 702.2 lm

3.28ft	194.4, 495.91x	83.3"
6.56ft	48.59, 124.01x	166.6"
9.84ft	21.60, 55.101x	250.0"
13.12ft	12.15, 30.991x	333.2"
16.40ft	7.775, 19.841x	416.5"
19.69ft	5.399, 13.781x	499.8"

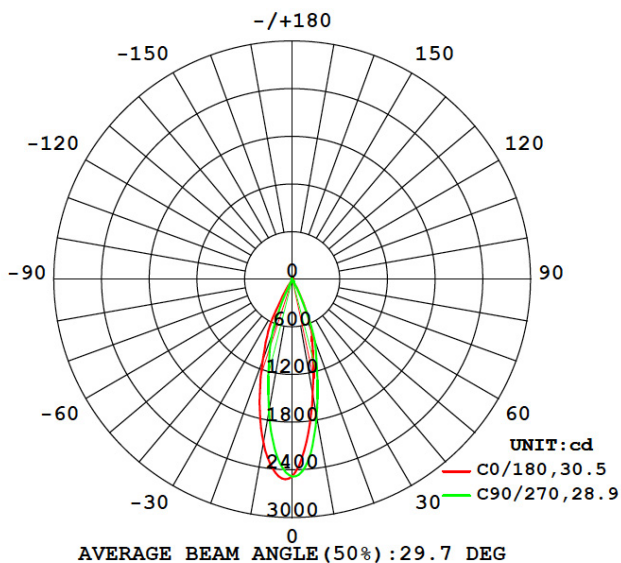


T-GRID 1" DROP CEILING FIXTURE

for 15/16" suspended ceilings/drop ceilings

PHOTOMETRICS

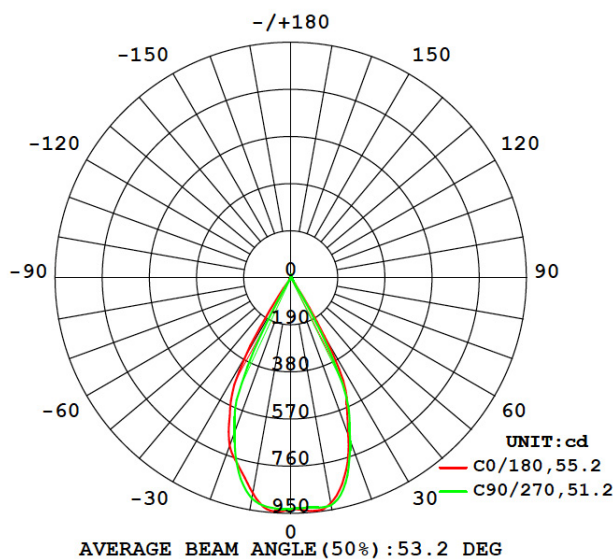
BLACK LOUVER 30° LENS (L30)



Flux out: 376.2 lm

3.28ft	1668,25141x	20.3"
6.56ft	416.9,628.61x	40.7"
9.84ft	185.3,279.41x	61.0"
13.12ft	104.2,157.11x	81.3"
16.40ft	66.71,100.61x	101.6"
19.69ft	46.33,69.841x	122.0"

BLACK LOUVER 60° LENS (L60)



Flux out: 478.3 lm

3.28ft	586.4,939.21x	39.4"
6.56ft	146.6,234.81x	78.9"
9.84ft	65.16,104.41x	118.3"
13.12ft	36.65,58.701x	157.7"
16.40ft	23.46,37.571x	197.1"
19.69ft	16.29,26.091x	236.6"

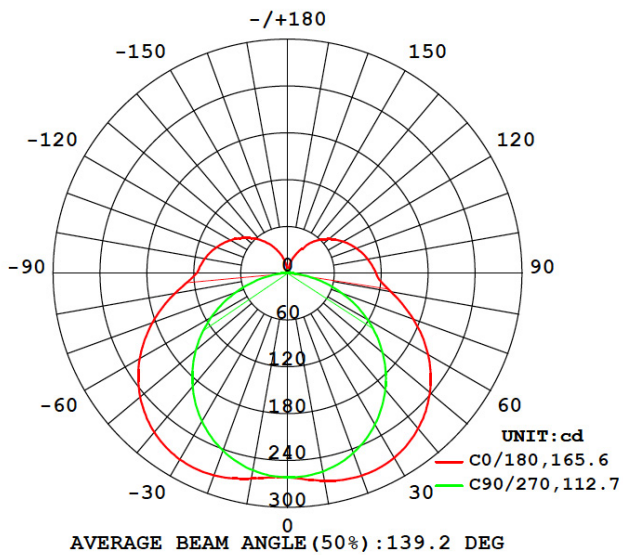


T-GRID 1" DROP CEILING FIXTURE

for 15/16" suspended ceilings/drop ceilings

PHOTOMETRICS

BLOCK LENS (BF)



Flux out: 866.0 lm

3.28ft	36.52, 262.71x	211.7"
6.56ft	9.130, 65.661x	423.5"
9.84ft	4.058, 29.181x	635.2"
13.12ft	2.282, 16.421x	846.9"
16.40ft	1.461, 10.511x	1058.6"
19.69ft	1.014, 7.2961x	1270.4"



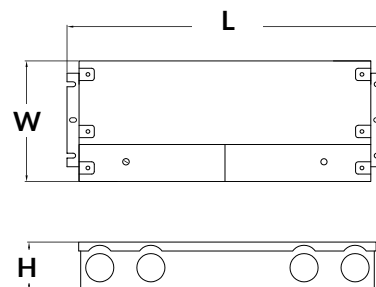
POWER SUPPLIES (SOLD SEPARATELY)

DIMMABLE ELECTRONIC 0-10V

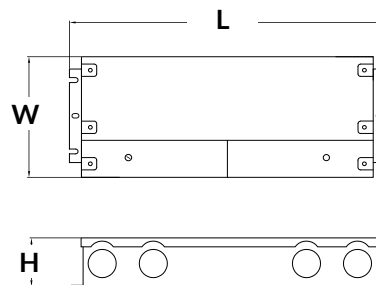
Optimal performance dims to 0%.*



PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DE010-030W-24V-KO	30W	24V	CLASS 2	WET	6.5"	3.6"	1.6"
LLI-PS-DE010-060W-24V-KO	60W	24V	CLASS 2	WET	7.4"	3.6"	1.6"
LLI-PS-DE010-096W-24V-KO	96W	24V	CLASS 2	WET	8.7"	3.7"	1.7"
LLI-PS-DE010-200W-24V-KO	200W	24V	CLASS 1	WET	10.2"	4.1"	1.8"
LLI-PS-DE010-300W-24V-KO	300W	24V	CLASS 1	WET	10.9"	4.3"	1.8"

**NON-DIMMABLE ELECTRONIC**

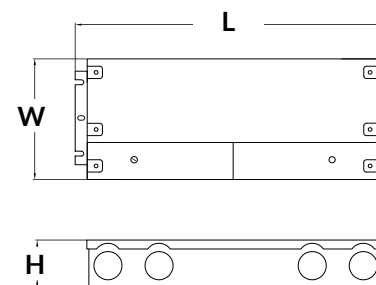
PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-NDE-030W-24V-KO	30W	24V	CLASS 2	WET	6.5"	3.5"	1.02"
LLI-PS-NDE-060W-24V-KO	60W	24V	CLASS 2	WET	7.4"	3.5"	1.2"
LLI-PS-NDE-096W-24V-KO	96W	24V	CLASS 2	WET	8.7"	3.7"	1.7"
LLI-PS-NDE-200W-24V-KO	200W	24V	CLASS 1	WET	10.3"	4.1"	1.8"
LLI-PS-NDE-300W-24V-KO	300W	24V	CLASS 1	WET	10.9"	4.3"	1.8"

**UNIVERSAL DIMMABLE ELECTRONIC FLICKER-FREE**

Optimal performance dims to 2-5%.



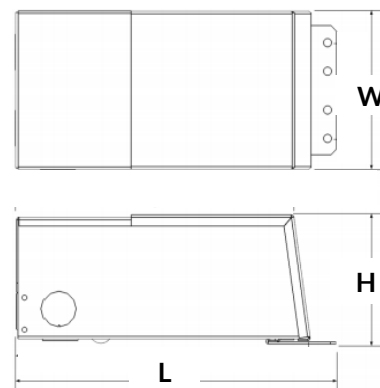
PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-UDEFF-030W-24V-KO	30W	24V	CLASS 2	WET	6.5"	3.6"	1.0"
LLI-PS-UDEFF-060W-24V-KO	60W	24V	CLASS 2	WET	7.4"	3.6"	1.0"
LLI-PS-UDEFF-096W-24V-KO	96W	24V	CLASS 2	WET	8.7"	3.7"	1.6"
LLI-PS-UDEFF-200W-24V-KO	200W	24V	CLASS 1	WET	10.2"	4.1"	1.8"
LLI-PS-UDEFF-300W-24V-KO	300W	24V	CLASS 1	WET	11.0"	4.3"	1.8"

**DIMMABLE MAGNETIC**

Optimal performance dims to 5-10%.*



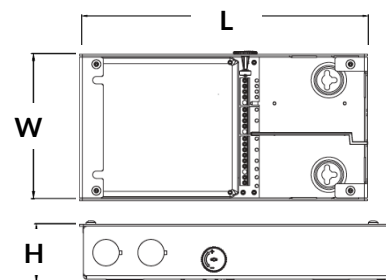
PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
LLI-PS-DM-020W-24V-KO	20W	24V	CLASS 2	NEMA 3R	7.38"	2.11"	1.60"
LLI-PS-DM-040W-24V-KO	40W	24V	CLASS 2	NEMA 3R	7.38"	2.11"	1.60"
LLI-PS-DM-060W-24V-KO	60W	24V	CLASS 2	NEMA 3R	8.13"	3.93"	1.59"
LLI-PS-DM-100W-24V-KO	100W	24V	CLASS 2	NEMA 3R	8.13"	3.93"	1.59"
LLI-PS-DM-150W-24V-KO	150W	24V	CLASS 1	NEMA 3R	8.79"	4.15"	3.41"
LLI-PS-DM-200W-24V-KO	200W	24V	CLASS 1	NEMA 3R	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-KO	300W	24V	CLASS 1	NEMA 3R	8.79"	4.15"	3.41"
LLI-PS-DM-300W-24V-CL2-KO	6 x 50W	24V	CLASS 2	NEMA 3R	10.29"	5.69"	3.43"
LLI-PS-DM-600W-24V-KO	2 x 300W	24V	CLASS 1	NEMA 3R	10.29"	6.79"	4.68"

**LUTRON HI-LUME PREMIER 0.1% DIMMABLE ELECTRONIC**

Soft-on, Fade-to-Black, continuous flicker-free dimming from 100% to 0.1.



PART NUMBER	CAPACITY	OUTPUT	CLASS	LOCATION	L	W	H
L3D0-96W24V-U	96W	24V	CLASS 2	INDOOR	10.5"	5.5"	2.0"



*Performance can be affected by driver loading and dimmer type.