

PN-1060

01/23/1012

LAM Pendant

Traditional Direct/Indirect Compact Fluorescent



Specifier's Reference

Project
Type
Model No.
Comments

applications

- Use for direct/indirect lighting in large spaces with traditional architecture.

trim

- Trim is 20 gauge spun steel and attach to luminous bowl with no exposed fasteners.

luminous bowl

- Bowl is formed white opal acrylic. A white opal acrylic, internal dust shield between the lamps and the bowl keeps dirt and debris from the bowl and allows for easy cleaning.

ballast housing

- Ballasts are integral to the fixture, mounted in a 20 gauge steel housing with a semi-gloss white powder coat finish.

optics

- Fixture efficiencies are between 80% and 83%. The physical nature of the compact fluorescent lamp will cause a slight unevenness in bowl illumination.

suspension

- 5/8" OD stem with 45° swivel at canopy. Suspension is attached to a quick connect plate for mounting to ballast housing and provided with 10' of lead wires with quick disconnect.
- Canopy fastens internally with no exposed fasteners.

- Suspension length is the dimension from the ceiling to the top of the fixture.
- For longer SO suspension, specify 48 or 96 for suspension length, and add SE48 option for suspensions up to 48 inches or SE96 option for suspensions up to 96 inches.
- For longer RB or SCB suspension, specify 48 or 96 for suspension length, and add SE48 option for suspensions up to 48 inches or SE96 option for suspensions up to 96 inches.

- Stem extension replaces short stem shown in diagrams below and can be cut in the field with jig provided.

electrical

- Electronic ballasts are 2 lamp HPF, programmed start, class P, dual voltage (120/277), and multi-wattage (26/32/42 Watt). Fixture is pre-wired for one circuit and can be wired for multiple circuit in the field. Lamp is compact fluorescent 4 pin.

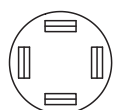
finish

- Polished brass or Satin brass. Custom colors are not available.

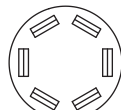
certification

- UL and CUL listed for damp locations. Emergency units are listed dry locations.

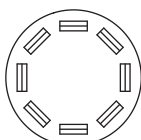
dimensions



28" 4 lamp



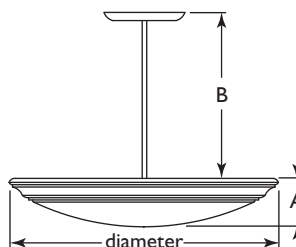
35" 6 lamp



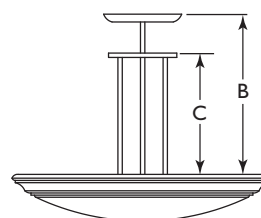
42" 8 lamp

dimensional data table

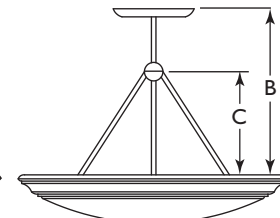
diameter	A	B	C
28" (711 mm)	6-5/16" (160 mm)	17-7/8" (454 mm)	13-3/8" (340 mm)
35" (889 mm)	7-11/16" (195 mm)	21-11/16" (551 mm)	16-1/4" (413 mm)
42" (1067 mm)	9-3/8" (238 mm)	27-5/16" (694 mm)	20-1/2" (521 mm)
		32-5/8" (829 mm)	24-1/2" (622 mm)



SO suspension



RB suspension



RDS suspension

Green Choice: TR42-8/42CFL

Series	Lamps	Suspension Style	Finish	Voltage	Options
TR28 – 28" Dia.	4/26CFL 4/32CFL 4/42CFL	SO – Stem only RB – Stem with vertical rods RDS – Stem with three rods*	BR – Polished Brass SB – Satin Brass Other platings, colors or custom colors are not available	120 277 347 UNV	GMF – Slow Blow fuse and holder EM13 – CF94 or equal (not available for 347V)** DIM2 – Advance Mark X dimming (26W only, specify 120 or 277 volt) SE48 – 48" Stem extension SE96 – 96" Stem extension
TR35 – 35" Dia.	6/26CFL 6/32CFL 6/42CFL	*Note: For RDS suspension, the TR28 is only available with 21-11/16" length, the TR35 is only available with the 27-5/16" length, the TR42 is only available with the 32-5/8" length. For longer suspensions add SE48 or SE96 option.			
TR42 – 42" Dia.	8/26CFL 8/32CFL 8/42CFL				

**Note: EM is not available in combination with dimming.

PHILIPS
Day-Brite

photometry

Traditional 28" 4 Lamp, 42 Watt

Efficiency – 80.1%

LER – 55

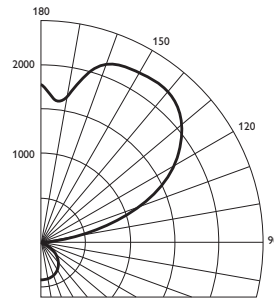
Catalog No.	TR28-4/42
Test No.	30056
Lamp Type	CFL
Lumens/Lamp	3200
Ballast Factor	1.0
Input Watts	186

Comparative yearly lighting energy cost per 1000 lumens – **\$4.35** based on 3000 hrs. and \$.08 pwr KWH.

Visit www.lamlighting.com for additional photometry.

Candela Distribution

180°	1756
175°	1624
165°	1949
155°	2178
145°	2215
135°	2149
125°	1912
115°	1470
105°	834
95°	121
85°	71
75°	116
65°	165
55°	221
45°	272
35°	321
25°	360
15°	382
5°	394
0°	395



Zonal Lumen Summary

Zone	Lumens	% Luminaire	% Lamp
0-90°	1287	12.5	10.1
90-180°	8978	87.5	70.2
0-180°	10265	100.0	80.3

Tempo 35" 6 Lamp, 42 Watt

Efficiency – 81.4%

LER – 56

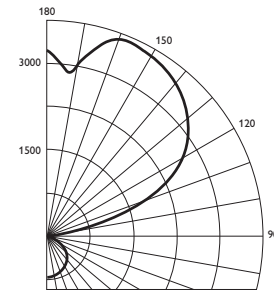
Catalog No.	TR35-6/42
Test No.	30057
Lamp Type	CFL
Lumens/Lamp	3200
Ballast Factor	1.0
Input Watts	279

Comparative yearly lighting energy cost per 1000 lumens – **\$4.28** based on 3000 hrs. and \$.08 pwr KWH.

Visit www.lamlighting.com for additional photometry.

Candela Distribution

180°	2972
175°	2734
165°	3147
155°	3356
145°	3262
135°	3096
125°	2759
115°	2112
105°	1385
95°	280
85°	110
75°	184
65°	268
55°	361
45°	451
35°	534
25°	591
15°	632
5°	653
0°	655



Zonal Lumen Summary

Zone	Lumens	% Luminaire	% Lamp
0-90°	2107	13.5	11.0
90-180°	13538	86.5	70.5
0-180°	15646	100.0	82.9

Tempo 42" 8 Lamp, 42 Watt

Efficiency – 80.5%

LER – 55

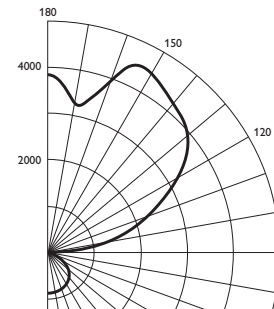
Catalog No.	TR42-8/42
Test No.	30058
Lamp Type	CFL
Lumens/Lamp	3200
Ballast Factor	1.0
Input Watts	372

Comparative yearly lighting energy cost per 1000 lumens – **\$4.32** based on 3000 hrs. and \$.08 pwr KWH.

Visit www.lamlighting.com for additional photometry.

Candela Distribution

180°	3859
175°	3685
165°	3412
155°	4491
145°	4346
135°	4137
125°	3618
115°	2832
105°	1847
95°	347
85°	166
75°	261
65°	371
55°	493
45°	617
35°	721
25°	800
15°	856
5°	884
0°	890



Zonal Lumen Summary

Zone	Lumens	% Luminaire	% Lamp
0-90°	2898	14.0	11.3
90-180°	17747	86.0	69.3
0-180°	20645	100.0	80.6

application data

4 lamp 32 Watt

LN28-4/32, 2400 lumens per lamp, 0.98 ballast factor, 0.75 LLF

Mounting Height	Foot Candle Average	Uniformity (Max/Min)
8'	30.6	1.9:1

POWER DENSITY IS 1.0 WATTS PER SQUARE FOOT UL

Reflectance: 80/50/20

Light Loss Factor: 0.95 room depreciation, 0.95 fixture depreciation, 0.85 lamp depreciation, 0.98 ballast factor = 0.75 total LLF

4 lamp 42 Watt

LN28-4/42, 3200 lumens per lamp, 0.97 ballast factor, 0.74 LLF

Mounting Height	Foot Candle Average	Uniformity (Max/Min)
8'	40.3	1.9:1

POWER DENSITY IS 1.4 WATTS PER SQUARE FOOT UL

Reflectance: 80/50/20

Light Loss Factor: 0.95 room depreciation, 0.95 fixture depreciation, 0.85 lamp depreciation, 0.97 ballast factor = 0.74 total LLF

6 Lamp 32 Watt

LN35-6/32, 2400 average lumens per lamp, 0.98 average ballast factor, 0.75 LLF

Mounting Height	Foot Candle Average	Uniformity (Max/Min)
9.5'	20.7	2.3:1

POWER DENSITY IS 0.7 WATTS PER SQUARE FOOT UL

Reflectance: 80/50/20

Light Loss Factor: 0.95 room depreciation, 0.95 fixture depreciation, 0.85 lamp depreciation, 0.98 ballast factor = 0.75 total LLF

8 Lamp 32 Watt

LN42-8/32, 2400 average lumens per lamp, 0.98 average ballast factor, 0.75 LLF

Mounting Height	Foot Candle Average	Uniformity (Max/Min)
9.5'	27.4	2.3:1

POWER DENSITY IS 0.9 WATTS PER SQUARE FOOT UL

Reflectance: 80/50/20

Light Loss Factor: 0.95 room depreciation, 0.95 fixture depreciation, 0.85 lamp depreciation, 0.98 ballast factor = 0.75 total LLF

8 Lamp 42 Watt

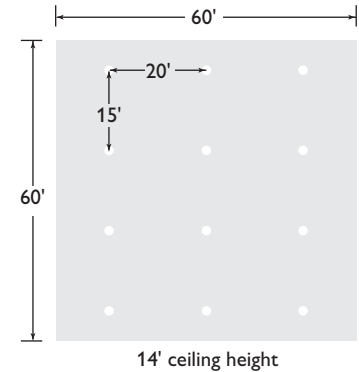
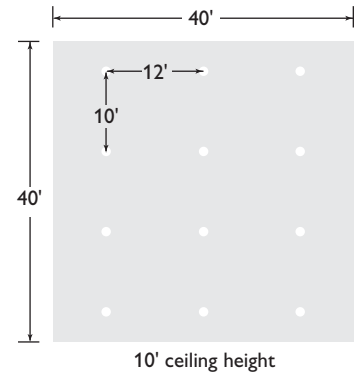
LN42-8/42, 3200 average lumens per lamp, 0.97 average ballast factor, 0.74 LLF

Mounting Height	Foot Candle Average	Uniformity (Max/Min)
9.5'	36.1	2.3:1

POWER DENSITY IS 1.2 WATTS PER SQUARE FOOT UL

Reflectance: 80/50/20

Light Loss Factor: 0.95 room depreciation, 0.95 fixture depreciation, 0.85 lamp depreciation, 0.97 ballast factor = 0.74 total LLF





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Contact Factory for Additional Configurations.
Specifications are subject to change without notice.
Consult website for latest version of this spec sheet.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or 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