

Peerless®

ROUND



The purest geometric form. Round.

A suite of state-of-the-art
LED luminaires emitting
uniform, glare-free illumination.
Visual comfort for all.

nd



WELL-ROU

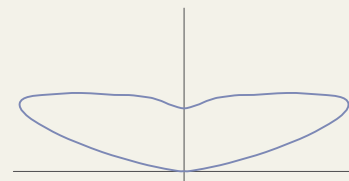
Indirect

Wall Wash

UNDEED

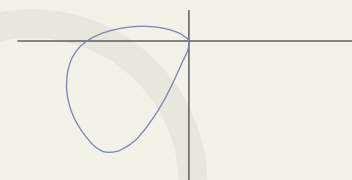
Pendant Indirect

Perfect for open office environments and other social spaces, Round Indirect bounces soft, even light off the ceiling to illuminate work planes and walkways.



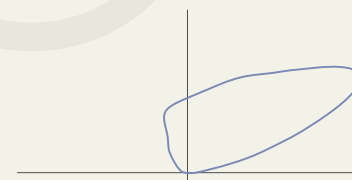
Pendant Wall Wash

Direct attention to signs, menu boards, paintings, book shelves and other vertical features with this suspended luminaire. Adjust Round Wall Wash's rotatable body to focus light from floor to ceiling.



Wall Mount Asymmetric Indirect

For clutter-free ceilings, Round Wall Indirect is the answer. Hallways, lobbies, reception areas, waiting rooms and individual offices all can be well-illuminated from this wall-mounted luminaire's asymmetric throw.



Asymmetric Indirect



LED PERFORMANCE

Specify with confidence.

Round is long-lasting and color-consistent.

Round features a modular LED light engine engineered to deliver L₈₀ performance for 12 to 15 years of normal use.

Available in three color temperature options, Round emits color-consistent light by utilizing only LEDs within a narrow color range.

*0-10v Dimming
Standard*

*1400 or 4000
Delivered Lumens*

L₈₀ at 50,000 Hours

*80+
Color Rendering
Index*

*3000K, 3500K or 4000K
Color Temperature:*

LIGHTER

LED



ngine

nLIGHT CONTROLS INTEGRATION

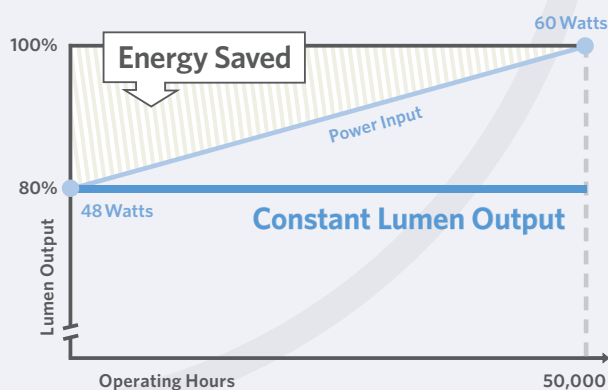
Connect to controls. Increase system life. Maximize energy savings.



Round can be specified as nLight®-enabled to provide network controls connectivity, digital lumen management or both.

When Round Pendant Indirect is ordered as nLight-enabled, an embedded nLight nIO module is pre-installed inside the housing. An accessible, topside network port allows for easy CAT-5e “plug-and-play” connectivity with nLight control and sensor systems. For Round Pendant Wall Wash or Wall Mount Asymmetric Indirect, a standalone nIO module can be ordered from Sensor Switch to install above ceilings or inside walls.

The digital lumen management options (N80 or LM) deliver constant lumen output, extend the longevity of the LEDs and save roughly 10% in energy use over Round’s lifetime.



nLight digital lumen management intelligently maintains light output at 80% of full-lumen output and prevents energy waste caused by over-lighting.

CONTROLS



DIMMING

Dimming functionality is standard in all Round luminaires. With LEDs, dimming and on/off switching increases overall energy savings and product longevity.

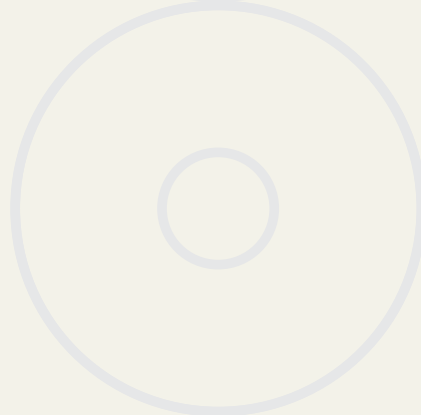


FINISHES

Two Standard Finishes:

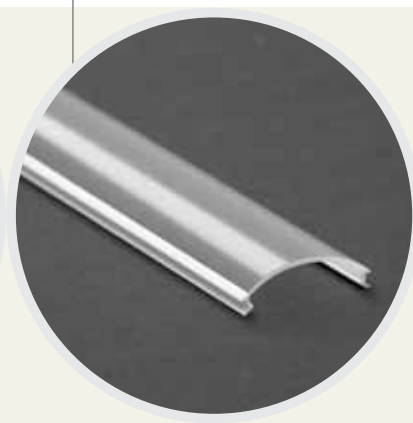
- Painted aluminum
- Gloss white

Consult factory for custom colors.



OPTICS

The white sections along the sides of the co-extruded acrylic top lens create a slightly aglow band of light providing occupants the benefit of source recognition.



SENSOR

Round is available with two luminaire integrated sensor options — daylight dimming and/or dual technology occupancy with Passive Infrared (motion) and Microphonics™ (sound).



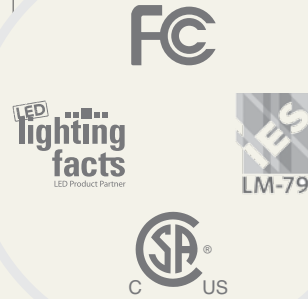
THERMAL MANAGEMENT

Round's thermal dynamics are optimized using the aluminum body as the heat sink. The extrusion dissipates heat along the length of the luminaire ensuring the LEDs perform consistently throughout their lifetime.



VALIDATION

Round luminaires are IES LM-79 tested, CSA/CUS listed, FCC part 15 certified and feature a Lighting Facts® label from the U.S. Department of Energy.



WARRANTY

A five-year limited warranty covers fixture construction, LED light engine, driver and optional nLight control device. Terms and conditions apply.

5 YEAR
warranty





Pendant Indirect

Construction

Extruded aluminum housing has diameter of 2 3/4". Die-cast aluminum end caps mechanically attach with no exposed fasteners.

Source

Two LED lumen packages (2000 lumens, 4000 lumens) and three available color temperature options (3000K, 3500K and 4000K).

Optics

Optical system consists of injection-molded primary optic, clear and white co-extruded acrylic lens and metal reflector.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Controls

Optional nLight-embedded controls allow for constant lumen management (N80) and facilitate simple "plug-and-play" networking and control via CAT-5e cable.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated 50,000 hours (L80) at 25° C ambient temperature. Driver input wattage is 30W for 2000 delivered-lumen package and 60W for 4000 delivered-lumen package per 4' section.

Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Fixture Length

4' and 8' lengths in a single section for exact

suspension spacing of 4' and 8'. For total luminaire length, add 2" for each end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS listed. Individual sections are FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine, driver and nLight control device. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

Fixture	Light Output	Fixture Row Length	Maximum Section Length	Voltage	Driver Type	# of Emergency Modules	Emergency Type ¹
RDM1	20L	2000 nominal delivered-lumens	X FT (4' increments)	R4 4' section(s) R8 8' section(s)	120 277	D30 30W maximum (2000L package) D60 60W maximum (4000L package)	(Blank) None 1SE 1 section 2SE 2 sections XSE X sections
	40L	4000 nominal delivered-lumens					

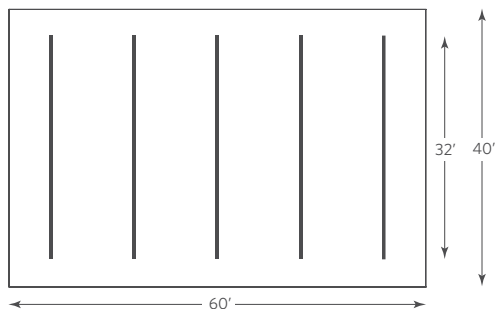
Switching	LED Color Temperature	Mounting Type	Overall Suspension ²	Finish	Options
SCT	Single circuit	LP830 3000K 80+ CRI	F1/ T-bar ceiling (universal mounting bracket)	24 24"	C310 Gloss white C311 Painted aluminum C099 Custom finish
		LP835 3500K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	36 36"	
		LP840 4000K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	48 48"	
			F4A/ IDS clip 15/16" tee	72 72"	
			F4B/ IDS clip 9/16" tee	XX XX"	
			F4C/ IDS clip screw slot		

Notes:

- Emergency type is installed in last 4' of luminaire sections. Separate feed required
- Adjustable cable gripper comes standard
- No dimming control on emergency feed

Example: RDM1 40L 40FT R8 277 D60 ISE EC SCT LP835 F1/24 C310 N80 PDT1

OPEN OFFICE APPLICATION

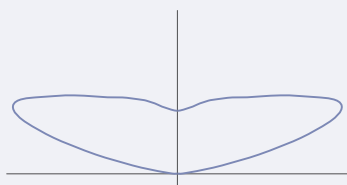
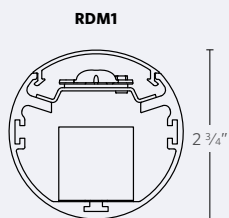


12' o.c. (5 rows)		
0.97 w/sf		
OAS	Avg. Illum.	Ceiling Uniformity
18"	31fc	6.6:1
21"	30fc	3.9:1
24"	30fc	2.7:1

Calculation notes:

9' ceiling height
80/50/20 ceiling/walls/floor reflectance
.62 LLF (light loss factor) includes:
.80 LLD (lamp lumen depreciation)*
.86 LDD (luminaire dirt depreciation)
.90 RSDD (room surface dirt depreciation)
1.0 BF (ballast factor)
3500K LED, 3843 lumens, 57.9 input watts*
0.97 w/sf

*LLD and input watts are derived from L80 calculations.



LED 40L

63-72 lumens per watt
3843-4361 delivered-lumens
100.0% up



LED lighting facts [®]	
A Program of the U.S. DOE	
Light Output (Lumens)	1996
Watts	30.1
Lumens per Watt (Efficacy)	66
Color Accuracy Color Rendering Index (CRI)	84
Light Color Correlated Color Temperature (CCT)	3457 (Bright White)
<small>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.</small>	
Visit www.lightingfacts.com for the Label Reference Guide.	
<small>Registration Number: N2084-070809M (6/21/2013) Model Number: RDM1 1 201 14 8VOLT 030 SCT LPE08 C311 DL Type: Other</small>	

LED lighting facts [®]	
A Program of the U.S. DOE	
Light Output (Lumens)	3843
Watts	60.8
Lumens per Watt (Efficacy)	63
Color Accuracy Color Rendering Index (CRI)	87
Light Color Correlated Color Temperature (CCT)	3451 (Bright White)
<small>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.</small>	
Visit www.lightingfacts.com for the Label Reference Guide.	
<small>Registration Number: N2088-111009M1 (6/21/2013) Model Number: RDM1 1 403 14 8VOLT 040 SCT LPE08 C311 DL Type: Other</small>	



Pendant Wall Wash

Construction

Extruded aluminum housing has diameter of 2 3/4". Die-cast aluminum end caps mechanically attach with no exposed fasteners. Die-cast rotational device standard.

Source

Two LED lumen packages (2000 lumens, 4000 lumens) and three available color temperature options (3000K, 3500K and 4000K).

Optics

Optical system consists of an acrylic lens and metal reflector.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated 50,000 hours (L80) at 25° C ambient temperature. Driver input wattage is 30W for 2000 delivered-lumen package and 60W for 4000 delivered-lumen package per 4' section.

Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Fixture Length

4' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total row length, add 3 1/4" per side for end cap and rotational mechanism. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS listed. Individual sections are FCC part 15 certified. LM-79 tested. Lighting Facts partner.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine and driver. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

Fixture	Light Output	Fixture Row Length	Maximum Section Length	Voltage	Driver Type	# of Emergency Modules	Emergency Type ¹
RDMW	20L	2000 nominal delivered-lumens	X FT (4' increments)	R4 4' section(s) R8 8' section(s)	120 277	D30 30W maximum (2000L package) D60 60W maximum (4000L package)	(Blank) None 1SE 1 section 2SE 2 sections XSE X sections
	40L	4000 nominal delivered-lumens					

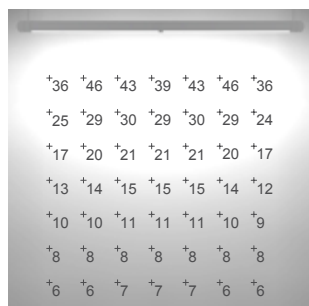
Switching	LED Color Temperature	Mounting Type /	Overall Suspension ²	Finish	Options
SCT Single circuit	LP830 3000K 80+ CRI	F1/ T-bar ceiling (universal mounting bracket)	24 24"	C310 Gloss white	BLK Black cord, cord manager and canopy
	LP835 3500K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	36 36"	C311 Painted aluminum	CP Chicago plenum (available with F1A only)
	LP840 4000K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	48 48"	C099 Custom finish	DL Damp location label
		F4A/ IDS clip 15/16" tee F4B/ IDS clip 9/16" tee F4C/ IDS clip screw slot	72 72" XX XX" <i>Overall suspension is measured from ceiling to bottom of fixture</i>		ELH ³ Emergency through wiring w/separate feed GLR Fusing (fast blow) GMF Fusing (slow blow) LM 80% lumen management without networking MCS Matching feed canopy at support OJB Offset junction box SLP Sloped ceiling (for 10-45°; must be specified along with F2 and OJB options)

Notes:

- Emergency type is installed in last 4' of luminaire sections. Separate feed required
- Adjustable cable gripper comes standard
- No dimming control on emergency feed

Example: RDMW 40L 40FT R8 277 D60 SCT LP835 F1/24 C310 LM

TYPICAL WALL WASH GRADIENT



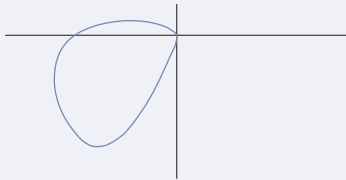
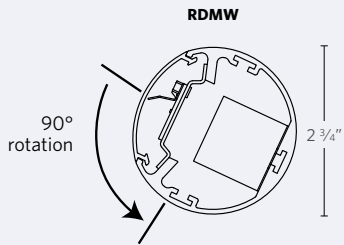
RDMW 20L

7.7:1 uniformity

18fc average maintained (0.70 LLF)

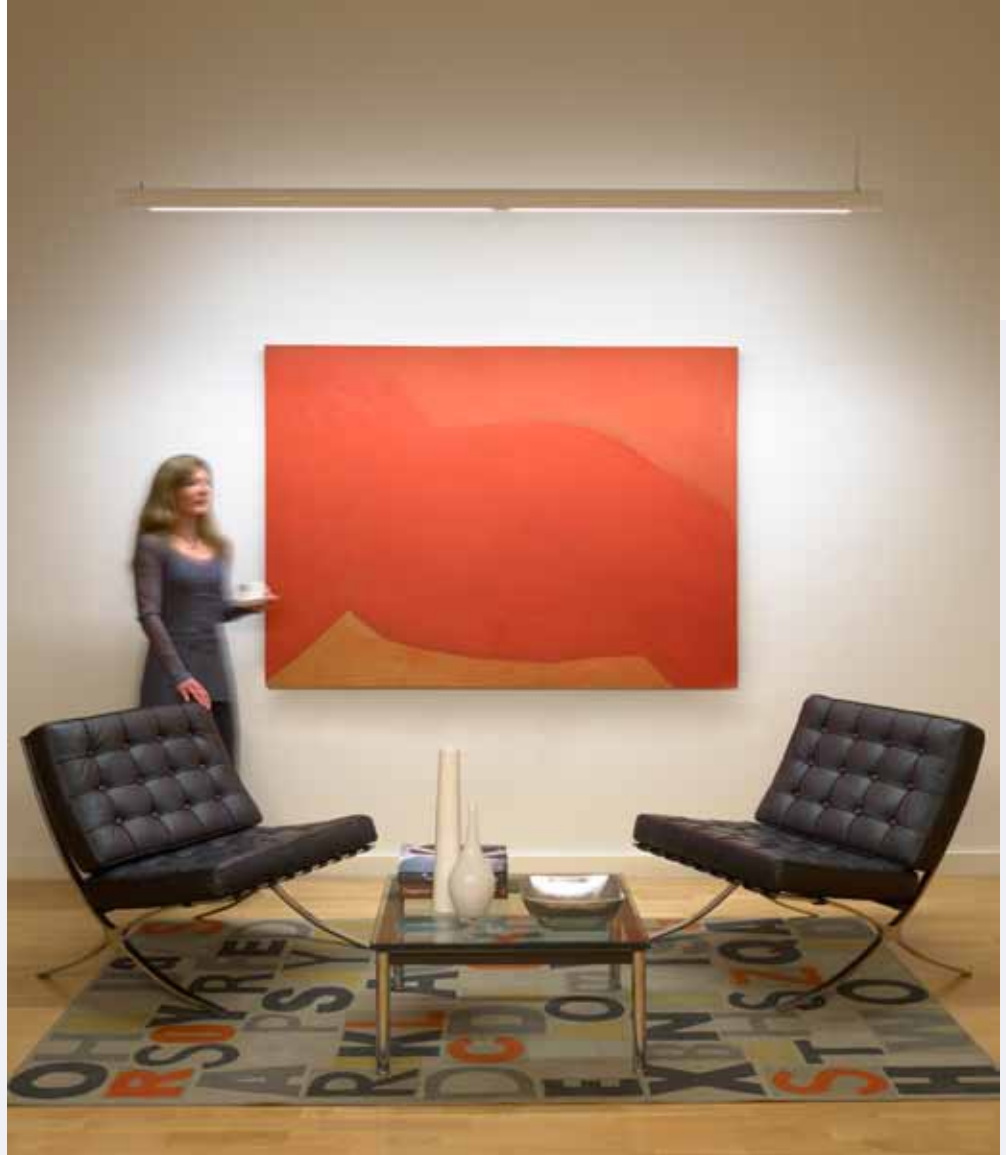
Calculation notes:

- 10' ceiling height
- 12" overall suspension
- 30" setback
- Grid placed 1-7' AFF



LED 20L

62-73 lumens per watt
3791-4401 delivered-lumens
1.9% up / 98.1% down



LED lighting facts [®]	
A Program of the U.S. DOE	
Light Output (Lumens)	1992
Watts	29.9
Lumens per Watt (Efficacy)	66
Color Accuracy Color Rendering Index (CRI)	84
Light Color Correlated Color Temperature (CCT)	3453 (Bright White)
<small>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.</small>	
Visit www.lightingfacts.com for the Label Reference Guide.	
<small>Registration Number: NLSM-SAC (Rev. 02/10/12) Model Number: RDMW 1-20L 14 MVOLT D35 SCLT LPSB C311 DL Type: Mini track fixture</small>	

LED lighting facts [®]	
A Program of the U.S. DOE	
Light Output (Lumens)	3791
Watts	60.5
Lumens per Watt (Efficacy)	62
Color Accuracy Color Rendering Index (CRI)	87
Light Color Correlated Color Temperature (CCT)	3427 (Bright White)
<small>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.</small>	
Visit www.lightingfacts.com for the Label Reference Guide.	
<small>Registration Number: NLSM-SAC (Rev. 02/10/12) Model Number: RDMW 1-40L 14 MVOLT D60 SCLT LPSB C311 DL Type: Mini track fixture</small>	



Wall Mount Asymmetric

Construction

Extruded aluminum housing has diameter of 2 3/4". Die-cast aluminum end caps mechanically attach with no exposed fasteners.

Source

Two LED lumen packages (1400 lumens, 2700 lumens) and three available color temperature options (3000K, 3500K and 4000K).

Optics

Optical system consists of injection molded primary optic, clear and white co-extruded acrylic lens and metal reflector.

Finish

Standard finish for housing and end caps is painted aluminum or gloss white. Consult factory for custom colors.

Electrical

LED light engine consists of modular LED boards and 0-10V dimming driver rated 50,000 hours (L80) at 25° C ambient temperature. Driver input wattage is 30W for 1400 delivered-lumen package and 60W for 2700 delivered-lumen package per 4' section.

Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Fixture Length

4' and 8' lengths in a single section. For total luminaire length, add 2" for each end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Validation

CSA/CUS listed. Individual sections are FCC part 15 certified. LM-79 tested. Lighting Facts partner. ADA compliant.

Warranty

Five-year limited warranty coverage includes luminaire construction, LED light engine and driver. Terms and conditions apply.

Packaging

100% post-consumer recycled cardboard box. Biodegradable foam inserts and protective luminaire bag. Recycled kraft paper tape.

Fixture	Light Output	Fixture Row Length	Maximum Section Length	Voltage	Driver Type	# of Emergency Modules
RDW1	14L	1400 nominal delivered-lumens	X FT (4' increments)	R4 4' section(s) R8 8' section(s)	120	(Blank) None 1SE 1 section 2SE 2 sections XSE X sections
	27L	2700 nominal delivered-lumens			277	
					D30 30W maximum (1400L package) D60 60W maximum (2700L package)	

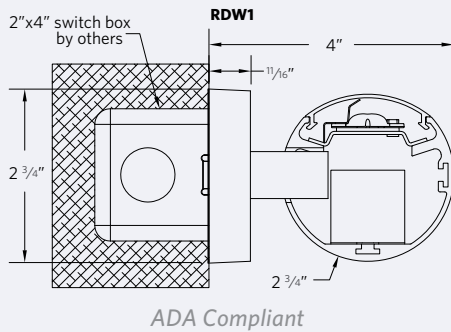
Emergency Type ¹	Switching	LED Color Temperature	Finish	Options
(Blank) None EC Emergency circuit	SCT Single circuit	LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP840 4000K 80+ CRI	C310 Gloss white C311 Painted aluminum C099 Custom finish	DL Damp location label ELH ² Emergency through wiring w/separate feed GLR Fusing (fast blow) GMF Fusing (slow blow) LM 80% lumen management without networking

Notes:

- Emergency type is installed in last 4' of luminaire sections. Separate feed required
- No dimming control on emergency feed

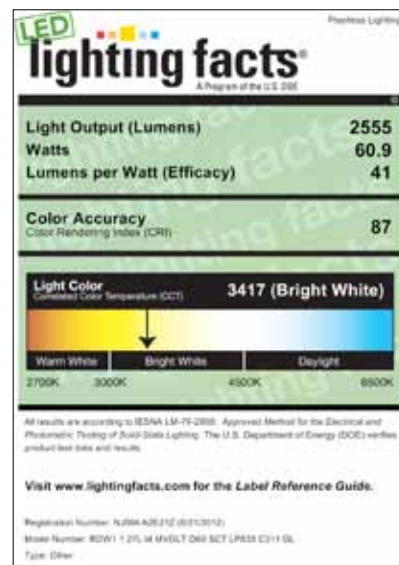
Example: RDW1 27L 40FT R8 277 D60 SCT LP835 C310 LM

etric Indirect



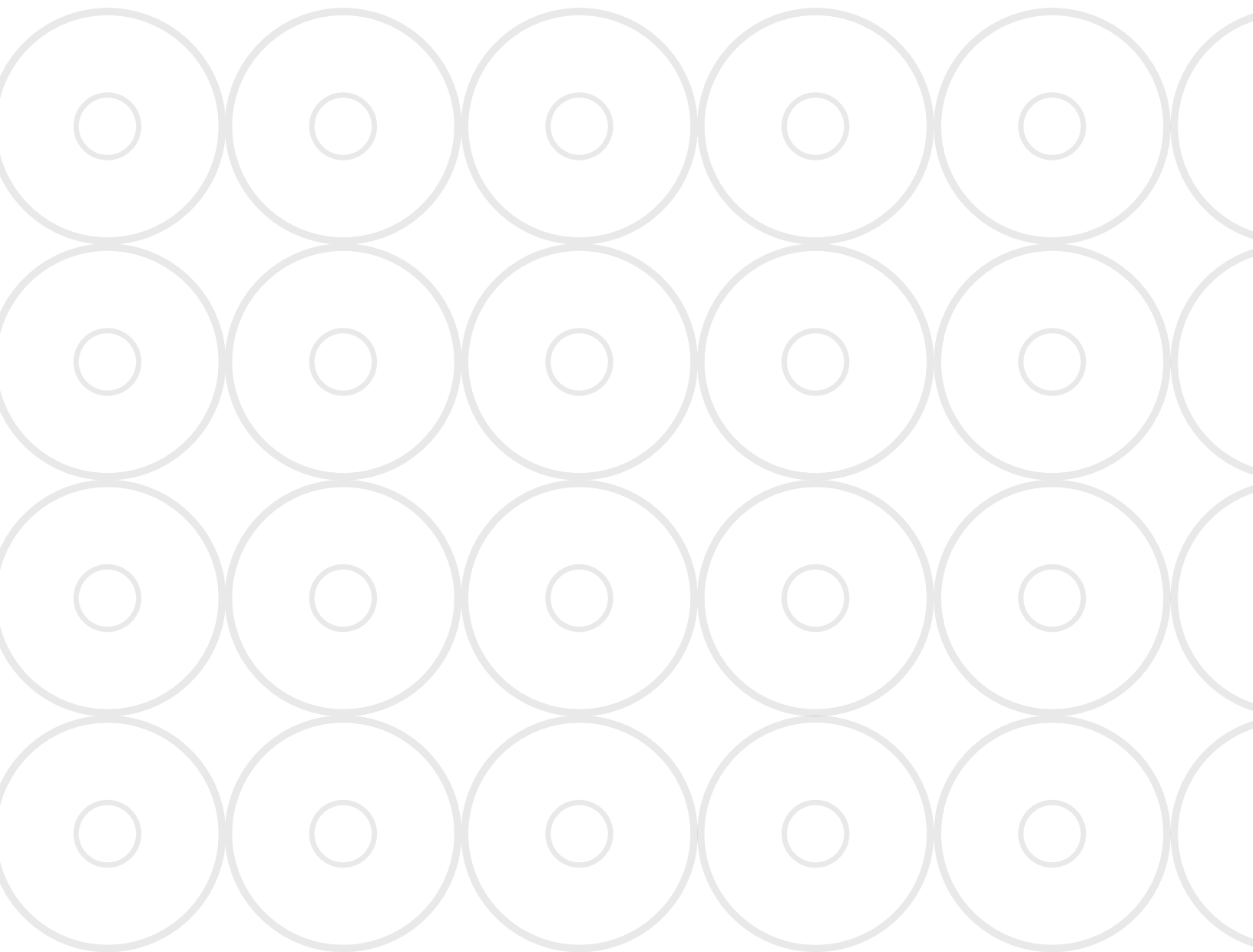
LED 27L

41-47 lumens per watt
2555-2875 delivered-lumens
100.0% up





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