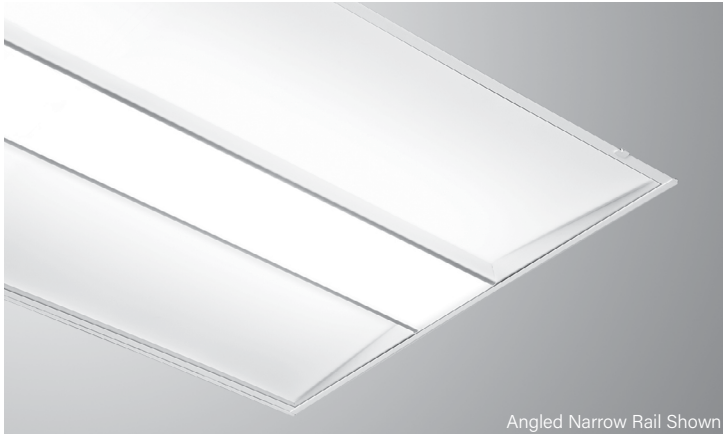


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

High Performance Recessed HPR Dynamic Multifunction (DM) Low-Lumen/High-Lumen



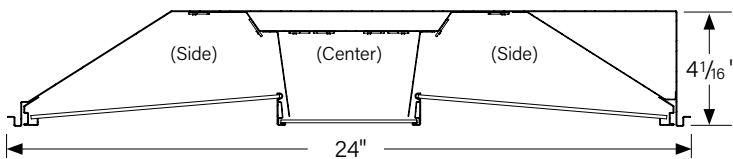
Angled Narrow Rail Shown

96 Low Gloss White is standard finish

The HPR Dynamic Multifunction (DM) is a high-performance recessed LED luminaire that provides exceptional visual comfort and versatility. With dual-mode functionality, it features a low-lumen mode for general ambient lighting and a high-lumen mode for tasks like data analysis and examinations, making it ideal for educational, healthcare, and life sciences settings.

In low-lumen mode, it offers comfortable ambient lighting with minimal glare through indirect illumination. The high-lumen mode delivers full brightness for concentrated tasks. A barrier prevents light spillage from the center optic to the sides, while an optional antimicrobial powder-coated finish enhances hygiene.

CROSS SECTIONS: 2'X4'



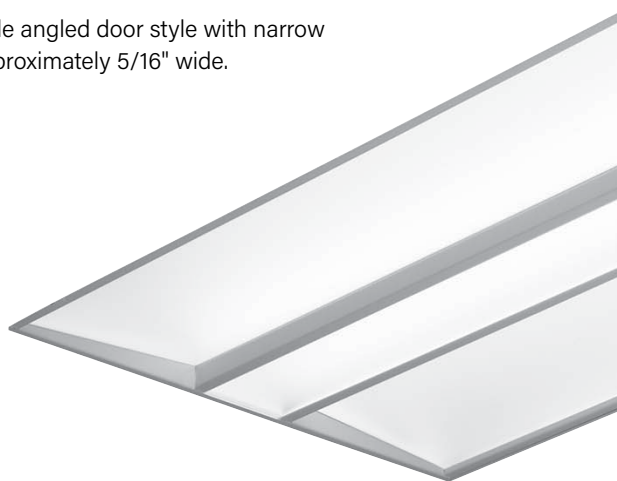
SERVICEABLE FROM BELOW



The replaceable light engine and driver are easy to access from below the ceiling.

NARROW RAIL

The available angled door style with narrow rails are approximately 5/16" wide.



Angled Narrow Rail (ANR)

CENTER OPTIC



Diffuse Center (DCO)



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High Performance Recessed HPR Dynamic Multifunction (DM) Low-Lumen/High-Lumen

Ordering Guide Example: HPR - DM - ANR - 2x4 - DCO - HB - 935 - 96LG - 120 - DC - FC-10% - DW - AMLG - EM/GEN - CP - RLD

BODY TYPE

OUTPUT and LED TYPE

Platform	Series Name	Door Style	Size	Center Optic	Light Output	LED CRI/CCT
HPR - High Performance Recessed	DM - Dynamic Multifunction	ANR - Angled Narrow Rail	2x4	DCO - Diffuse Center	H-B - 11,910 lm / 6,435 lm ¹ (Center) (Sides) H-S - 11,910 lm / 5,402 lm ¹ (Center) (Sides)	930 - 90 CRI min, 3000K 935 - 90 CRI min, 3500K 940 - 90 CRI min, 4000K

MECHANICAL

ELECTRICAL FEATURES

MOUNTING TYPE

OTHER OPTIONS

Reflector System	Voltage	Circuiting ²	Driver Selection	Ceiling Type	Finish
96LG - 96 Low Gloss White	120 - 120 Voltage 277 - 277 Voltage	DC - Dual Circuit	FC-10% - 0-10V 10% (standard) FC-1% - 0-10V 1%	C1 - 15/16" T-Bar C2 - 9/16" T-Bar C3 - Screw Slot DW - Drywall Kit SM - Surface Mount	96LG - 96 Low Gloss White (standard) AMLG - Anti-Microbial 96 Low Gloss <small>The lead time for Anti-Microbial will be four weeks.</small>

OTHER OPTIONS

Emergency Style (Optional) <small>See page 3 Backup Battery table</small>	Special Options (Optional)
LGD18W - Legrand 18W Brand Battery Back-up LGD10W - Legrand 10W Brand Battery Back-up BSL310LP - Bodine Battery Back up Low Profile EM/GEN - Emergency to Generator NL - Night Light GTD - Generator Transfer Device ALCR - Automatic Load Control Relay <small>See Backup Battery table on page 3 for fitment limitations Not available for 10-day ship</small>	CP - Chicago Plenum RLA - Red List Approved RLD - Red List Declared

Note: please consult factory for sensor options

¹ Maximum Output is based on 90 CRI, 3500K
² Contact Factory for switching options

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Type:	Project:	
Ordering Info:		

High Performance Recessed HPR Dynamic Multifunction (DM) Low-Lumen/High-Lumen

SPECIFICATIONS

BODY TYPE

CONSTRUCTION: Die-formed cold-rolled steel housing. All components are hard-tooled to tolerances of +/- 0.010". UV stabilized weather-strip pile gasket with polypropylene backing. Hinged door frame assembly provides easy access to light arrays and driver compartment for servicing from below. Seismic brackets are integrated into the luminaire assembly.

MECHANICAL FEATURES

OPTICAL SYSTEM: Components include diffuser panels and a central optic element held in place with a frame constructed from die-formed cold-rolled steel. The diffusers are UV-stabilized and impact-resistant frosted virgin acrylic, approximately 1/8" thick. Angled Narrow Rail angled toward the central optic. Optional narrow rails are approximately 5/16" wide.

CENTER OPTIC: Angled Narrow Rail (**ANR**)

Diffuse Center Optic (DCO): UV-stabilized and impactresistant frosted virgin acrylic.

REFLECTORS: Die-formed 20-gauge cold-rolled steel reflectors are finished in 96LG high reflectance matte white powder coat paint.

ELECTRICAL FEATURES

STATIC FEED: Optional whips (with flex connectors) supplied in a maximum of 11' lengths. Lead Wires.

Backup Battery

	Legrand 18W	Legrand 10W/ Bodine BSL310LP
HPR-DM 2x4		
Angled Narrow Rail	1987	1183

RECESSED: Standard flange design works with most lay-in ceiling types. Integral pry-out tabs secure the luminaire to the ceiling grid from above. Tie-in locations for tie-wire on all corners. Consult local code for appropriate tie-wire recommendations. Drywall Kit available.

EMERGENCY STYLE: Factory-choice low-profile backup battery available. Partial of Center will be illuminated in emergency mode.

FINISHES: Housing and door assembly painted with 96 LG high reflectance matte white powder coat paint. Optional adder; Anti-microbial power coat paint.

LABELS: Luminaire and electrical components are ETLlisted conforming to UL 1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. UL 924 and UL 2108 PoE options available on request. These fixtures are rated for Damp Location. IC-rated and Chicago Plenum options available. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2015/863. Consult factory for tailored lighting options.

5-YEAR WARRANTY: 5-year performance based warranty.

Optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

Note: please consult factory for sensor options

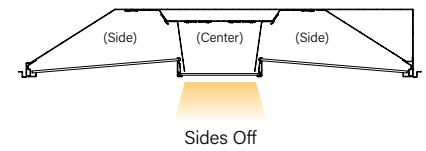
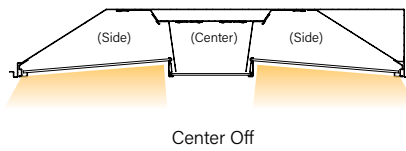
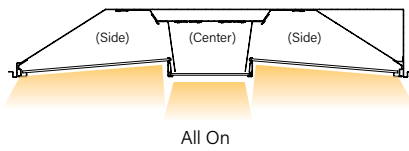
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Submitted by:		Date:
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Ordering Info:		

High Performance Recessed HPR Dynamic Multifunction (DM) Low-Lumen/High-Lumen

Dynamic Setting



PHOTOMETRY

All On

H-B

HPR-DM-ANR-2x4-DCO-H-B-935

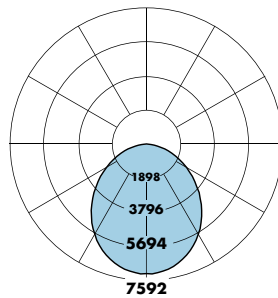
Efficacy: 116 lm/W

Total luminaire output: 18345 lumens
158 watts

Peak Candela Value: 7592 @ 2.5°

CRI: 90 / CCT: 3500K

NLTL LM79 Report # REP-121924-05



H-S

HPR-DM-ANR-2x4-DCO-H-S-935

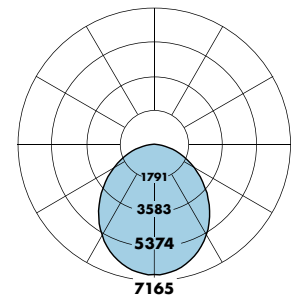
Efficacy: 115 lm/W

Total luminaire output: 17312 lumens
150.5 watts

Peak Candela Value: 7165 @ 2.5°

CRI: 90 / CCT: 3500K

NLTL LM79 Report # REP-121924-3



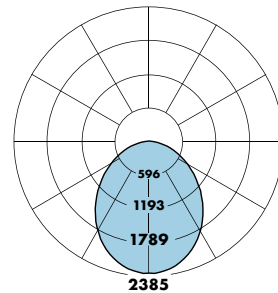
Center Off - Standard

Efficacy: 142 lm/W

Total luminaire output: 5768 lumens
40.7 watts

Peak Candela Value: 2385 @ 2.5°

CRI: 90 / CCT: 3500K



Sides Off

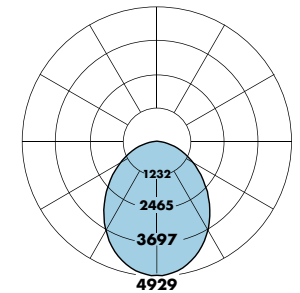
Efficacy: 110 lm/W

Total luminaire output: 11914 lumens
108.3 watts

Peak Candela Value: 4929 @ 2.5°

CRI: 90 / CCT: 3500K

NLTL LM79 Report # REP-121924-01



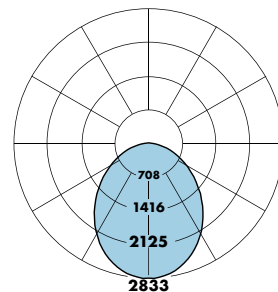
Center Off - Boosted

Efficacy: 141 lm/W

Total luminaire output: 6851 lumens
48.5 watts

Peak Candela Value: 2833 @ 2.5°

CRI: 90 / CCT: 3500K



Sample Lumen Adjustment Calculation

Lumen Adjustment Factors 90 CRI	
3000K	0.984
3500K	1.000
4000K	1.011

All On - H-B, 3000K, 90 CRI

Lumen Adjustment Factor: 1000

Total Light Output: 18345 lm x 0.984 = 18051 lm
watts/foot: 158W/ft.

$$\text{Efficacy} = \frac{18051 \frac{\text{lm}}{\text{ft.}}}{158 \frac{\text{W}}{\text{ft.}}} = 114 \text{ lm/W}$$