



DYNRHL

NEMA 4X / HIGH LUMEN / WET LOCATION REMOTE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	



FEATURES

- High lumen, high mounting height
- Up to 126' multi-unit spacing
- 90-minute full lumen output
- Wet or NEMA 4X application
- Food processing option
- Matching LED Remote for the DYNHL Series



SPECIFICATIONS

APPLICATION

- Highly versatile emergency remote with superior lumen output. Provides a minimum of 90 minutes illumination when primary power is lost.
- Specifically designed to be used with the Dynamo DYNHL emergency unit in demanding environments for high reliability operation in industrial settings such as high ceiling, wet location, hose-down, food processing, food storage, production facilities, chemical plants, and wastewater treatment.

CONSTRUCTION

- The DYNR High Lumen series' housing, cover, and shield are made of polycarbonate.
- Lampheads are made of die-cast aluminum for thermal dissipation.
- LED lenses are made of polycarbonate.
- The Food Processing (FP) optioned DYNHL remote includes a clear polycarbonate shield which fully covers the lampheads.

OPTICS

- The DYNHL remote provides bright, uniform illumination and is specifically designed for higher mounting heights above 9'.
- Coverage provided by 2 sealed aluminum lamp-heads using 3 high-power LEDs each.

INSTALLATION

- Includes a universal mounting plate which facilitates mounting to a truss or I-beam, pole, column, or wall.
- Special bracket included to ensure positive pole gripping when using bands.
- In wet or NEMA 4X applications, use UL listed watertight conduit fittings that meet the requirements of the UL 514B Standard for Conduit Tubing and Cable Fittings when using knockouts on the side or top of unit. *All fittings supplied by others.

ELECTRICAL

- Each lamphead provides 828 lumens for total lumen output of 1,656 lumens per remote.
- Upon failure of the normal utility power, a LED driver is automatically activated to power the emergency LED lamp-heads.
- Provides a bright and uniform illumination and is specifically designed for higher mounting heights above 9'.
- 12.8 VDC at 7 watts per head supported exclusively from a DYNHL unit.
- The DYNR remote can be located up to 100' from the source unit using 12 gauge wire.

COMPLIANCES

- Listed to UL924 Standard, NFPA 101, NFPA 70
- Wet Location, NEMA 4, 4X rated
- UL Sanitation Certified (including NSF standards) with FP Option
- IP66 rated

WARRANTY

- LED Lifetime Warranty
- DYNR Remote - 3 Years Full



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ORDERING GUIDE

Example: DYNRDHL-4X-FP

CATALOG #

DYNR	D	HL	4X	
Housing	Heads	Optics	Application	Options
DYNR Dynamo Remote	D Double	HL High Lumen	4X NEMA 4X/ IP66 Rated	FP Food Processing Rated with Shield

PERFORMANCE DATA

Number of Lamps: 2 lampheads with 3 high-power LEDs per head

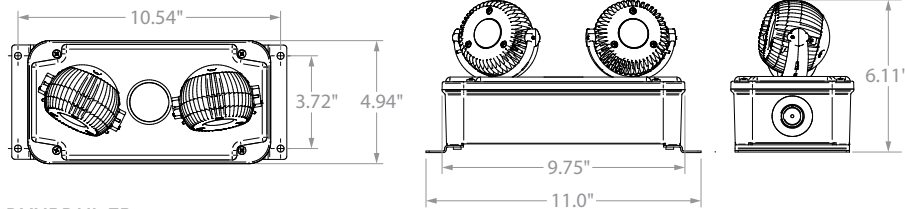
Lamp Color: Cool White, 5000K

Total Lamp Output: 828 lumens per lamphead for 1,656 total lumens

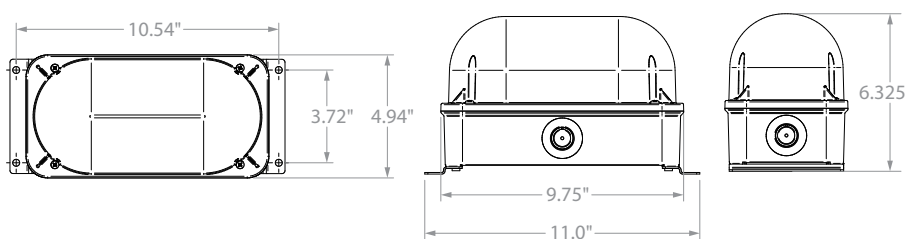
Rated LED Lifecycle: Greater than 100,000 hrs

DIMENSIONS

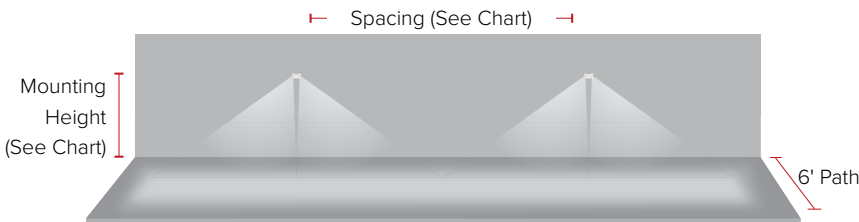
DYNRDHL



DYNRDHL-FP



APPLICATION INFORMATION



* Multiple unit spacing based on 6' path

Parameters CH=30', R=10/10/10, Ceiling mounted (Multiple Unit Spacing), 6' Path					
DYNRDHL-4X (7 watt per lamp; 14 watts total per remote)					
Mounting Height	25'	20'	14'	10'	7.5
Max Spacing @ 1 FC Avg	101'	107'	121'	126'	126'
Max Spacing @ 1 FC Min	38'	34'	32'	38'	40'

Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Photometry files available at currentlighting.com/dual-Lite.