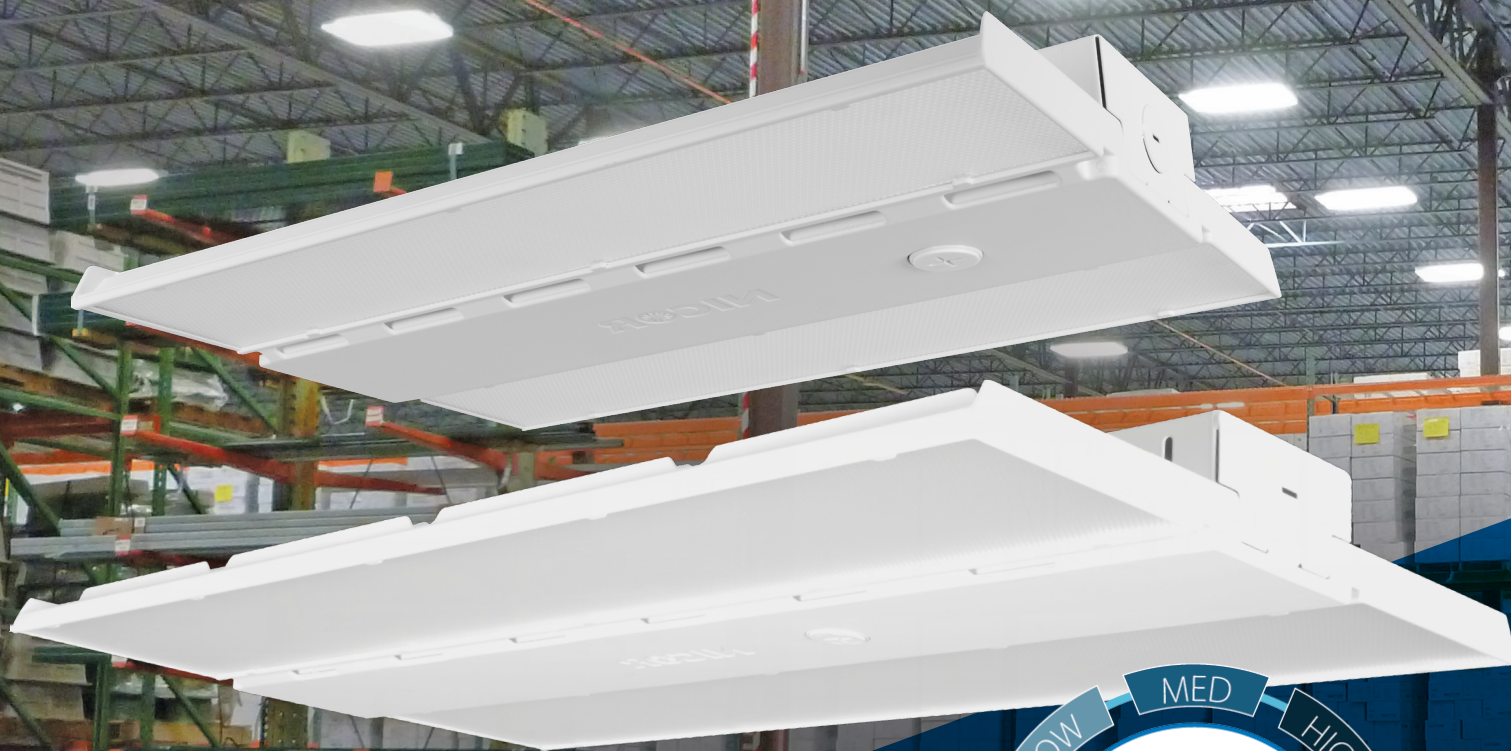


# HML3 NICOR®

LED High-Performance High Bay





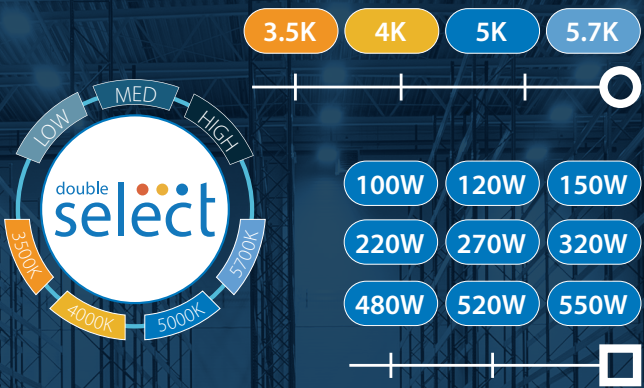
# HML3

## Cast Aluminum Housing

Allows operation up to 131° F (55°C) with integrated cooling features

## Lens Options

Diffused lens reduces glare. Wide and Aisle options are designed to reduce fixture count.



## HML3 LED HIGH-PERFORMANCE HIGH BAY

Introducing NICOR’s latest breakthrough in lighting innovation: the HML3 high bay product line. Unveiling a revolutionary design, this patent-pending marvel combines unrivaled efficiency and peak performance. Experience brilliance beyond measure as its compact form yields an extraordinary light output. DLC 5.1 Premium certification attests to its excellence, offering adjustable wattage, CCT (3500/4000/5000K/5700K), and sensors. Crafted from single-piece, robust cast aluminum, its durability withstands even the harshest conditions, rendering it ideal for warehouses, gymnasiums, and assorted industrial or commercial settings. With an integrated cooling system and a top-mounted wire-way cover for effortless wire access, the HML3 emerges as the embodiment of streamlined functionality. A polyester powder coat finish crowns its aesthetic, culminating in a luminary masterpiece that seamlessly merges innovation and endurance.

## Hassle-Free Mounting

Easy mounting with chain and hook or optional surface and pendant mount kits.

## Integrated Sensor Socket

Pre-installed 3.5mm sensor socket allows use of low-voltage lighting controls

| Performance Data              |      |        |       |     |
|-------------------------------|------|--------|-------|-----|
| Standard Distribution - 150W  |      |        |       |     |
| Model #                       | CCT  | Lumens | Watts | LPW |
| HML3150SUSAS8                 | 3500 | 13856  | 100   | 139 |
|                               | 4000 | 14386  |       | 144 |
|                               | 5000 | 14179  |       | 142 |
|                               | 5700 | 13956  |       | 140 |
|                               | 3500 | 16627  | 120   | 139 |
|                               | 4000 | 17263  |       | 144 |
|                               | 5000 | 17015  |       | 142 |
|                               | 5700 | 16747  |       | 140 |
|                               | 3500 | 20784  | 150   | 139 |
|                               | 4000 | 21579  |       | 144 |
|                               | 5000 | 21269  |       | 142 |
|                               | 5700 | 20934  |       | 140 |
| Standard Distribution - 320W  |      |        |       |     |
| Model #                       | CCT  | Lumens | Watts | LPW |
| HML3320SUSAS8                 | 3500 | 31145  | 220   | 142 |
|                               | 4000 | 32130  |       | 146 |
|                               | 5000 | 31824  |       | 145 |
|                               | 5700 | 32160  |       | 146 |
|                               | 3500 | 38224  | 270   | 142 |
|                               | 4000 | 39432  |       | 146 |
|                               | 5000 | 39056  |       | 145 |
|                               | 5700 | 39469  |       | 146 |
|                               | 3500 | 45302  | 315   | 144 |
|                               | 4000 | 46734  |       | 148 |
|                               | 5000 | 46289  |       | 147 |
|                               | 5700 | 46778  |       | 149 |
| HML3320SHSAS8<br>(277-480VAC) | 3500 | 31526  | 220   | 143 |
|                               | 4000 | 32462  |       | 148 |
|                               | 5000 | 32040  |       | 146 |
|                               | 5700 | 32255  |       | 147 |
|                               | 3500 | 38691  | 270   | 143 |
|                               | 4000 | 39839  |       | 148 |
|                               | 5000 | 39322  |       | 146 |
|                               | 5700 | 39586  |       | 147 |
|                               | 3500 | 45856  | 315   | 146 |
|                               | 4000 | 47217  |       | 150 |
|                               | 5000 | 46604  |       | 148 |
|                               | 5700 | 46917  |       | 149 |
| Standard Distribution - 550W  |      |        |       |     |
| Model #                       | CCT  | Lumens | Watts | LPW |
| HML3550SUSAS8                 | 3500 | 68160  | 480   | 142 |
|                               | 4000 | 70080  |       | 146 |
|                               | 5000 | 69600  |       | 145 |
|                               | 5700 | 70080  |       | 146 |
|                               | 3500 | 73840  | 520   | 142 |
|                               | 4000 | 75920  |       | 146 |
|                               | 5000 | 75400  |       | 145 |
|                               | 5700 | 75920  |       | 146 |
|                               | 3500 | 79200  | 550   | 144 |
|                               | 4000 | 81400  |       | 148 |
|                               | 5000 | 80850  |       | 147 |
|                               | 5700 | 81950  |       | 149 |



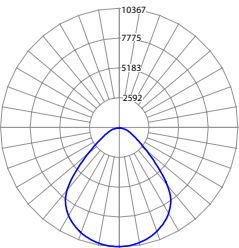
\*DLC Premium on A Optic only



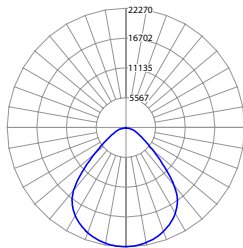
## Applications: Warehouses, gymnasiums, and assorted industrial or commercial settings

### Photometric Data

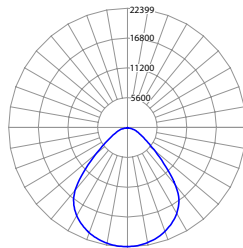
| HML3 150W 5K                |         |
|-----------------------------|---------|
| Input Voltage (VAC)         | 120-277 |
| System Level Power (W)      | 148.4   |
| Delivered Lumens (Lm)       | 21269   |
| System Efficacy (Lm/W)      | 143.3   |
| Correlated Color Temp (K)   | 5106    |
| Color Rendering Index (CRI) | 84      |
| Horizontal Beam Angle (°)   | 88.8°   |
| Vertical Beam Angle (°)     | 89.9°   |
| Spacing Criteria (0-180)    | 1.24    |
| Spacing Criterion (90-270)  | 1.24    |



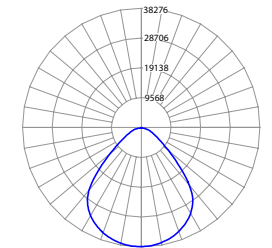
| HML3 320W 5K                |         |
|-----------------------------|---------|
| Input Voltage (VAC)         | 120-277 |
| System Level Power (W)      | 314.0   |
| Delivered Lumens (Lm)       | 46289   |
| System Efficacy (Lm/W)      | 147.4   |
| Correlated Color Temp (K)   | 5250    |
| Color Rendering Index (CRI) | 83      |
| Horizontal Beam Angle (°)   | 89.8°   |
| Vertical Beam Angle (°)     | 90.7°   |
| Spacing Criteria (0-180)    | 1.26    |
| Spacing Criterion (90-270)  | 1.24    |



| HML3 320W 5K HV             |          |
|-----------------------------|----------|
| Input Voltage (VAC)         | 277- 480 |
| System Level Power (W)      | 314.3    |
| Delivered Lumens (Lm)       | 46603    |
| System Efficacy (Lm/W)      | 148.3    |
| Correlated Color Temp (K)   | 5242     |
| Color Rendering Index (CRI) | 83       |
| Horizontal Beam Angle (°)   | 89.8°    |
| Vertical Beam Angle (°)     | 90.7°    |
| Spacing Criteria (0-180)    | 1.26     |
| Spacing Criterion (90-270)  | 1.24     |



| HML3 550W 5K                |         |
|-----------------------------|---------|
| Input Voltage (VAC)         | 120-277 |
| System Level Power (W)      | 550.0   |
| Delivered Lumens (Lm)       | 80850   |
| System Efficacy (Lm/W)      | 147.0   |
| Correlated Color Temp (K)   | 5143    |
| Color Rendering Index (CRI) | 83      |
| Horizontal Beam Angle (°)   | 89.8°   |
| Vertical Beam Angle (°)     | 90.7°   |
| Spacing Criteria (0-180)    | 1.26    |
| Spacing Criterion (90-270)  | 1.24    |



### Ordering Information

| Series | Ver. | Wattage Selectable    | Input Voltage               | CCT Selectable      | Distribution          | Sensor Socket   | CRI        | Emergency                | Wiring Options                      |
|--------|------|-----------------------|-----------------------------|---------------------|-----------------------|-----------------|------------|--------------------------|-------------------------------------|
| HML    | 3    | 150S (10W/120W/150W)  | U (120-277V)                | S (35K/40K/50K/57K) | A (General - 90°x90°) | S (With Socket) | 8 (80 CRI) | Blank                    | Blank                               |
|        |      | 320S (220W/270W/320W) | H (277-480V) <sup>1,9</sup> |                     | B (Wide - 105°x105°)  |                 |            | E18 (18W) <sup>2,5</sup> | C (Cord-3-wire, 6ft) <sup>6</sup>   |
|        |      | 550S (480W/520W/550W) |                             |                     | C (Aisle - 45°x100°)  |                 |            | E25 (25W) <sup>3,5</sup> | C4 (Cord-4-wire, 6ft) <sup>7</sup>  |
|        |      |                       |                             |                     |                       |                 |            | E40 (40W) <sup>4,5</sup> | F (Flex Conduit - 6ft) <sup>8</sup> |

Specifications and dimensions subject to change without notice.  
(Note: End user is responsible for proper selection of battery pack to meet NFPA requirements) 1.) High Voltage not available on 150W model 2.) 18W Emergency Pack is for 150W models only 3.) 25W Emergency Pack is for all models 4.) 40W Emergency Pack is for 320W model only 5.) Emergency not available on HV fixtures 6.) C Cord is 18/3 wire, 6' long, black. Other lengths available upon request 7.) C4 cord is 18/4 wire, 6' long, black, for use with Emergency enabled fixtures. Other lengths available upon request 8.) Flexible metal conduit is 6' long, 18/3 wire configuration. Other lengths available upon request 9.) Contact factory for lead-time

## Accessories



Microwave Sensor



PIR Sensor



NLC PIR Sensor



Wireguard



H12V-REMOTE



Aircraft Cable



Pendant Kit



Surface Kit



EM Kits



## Warehouse Locations

Albuquerque, NM  
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