

CATALOG #: _____

Type: _____

PROJECT: _____



FEATURES

- Vandal-resistant design ideal for medical applications such as patient rooms, stairwells, and behavioral health facilities
- High-impact security lens and specialty fasteners deter vandals
- Diffuse polycarbonate lens with open faceplate style creates soft, low-light illumination
- Optional louver design directs light downward, reducing glare and enhancing patient comfort
- Amber color temperature option provides gentle illumination while supporting natural sleep patterns
- Anti-microbial faceplate finish suppresses the spread of dangerous micro-organisms, mold, and bacterial growth
- Six standard faceplate finish options and a wide selection of custom colors complement architectural elements
- LED module with driver allows for easy replacement or upgrades
- Adjustable mounting brackets accommodate various new construction wall types
- Made Right Here® in the USA

ORDERING EXAMPLE: NLV - L - L5/840 - O - WHT - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	SIZE	LUMENS ⁽¹⁾	CRI	CCT	SHIELDING
NLV	S 6"x4"	Small	8 80	27 2700K	O Open faceplate with diffuse polycarbonate, .250" thick
		L1 100lm	9 90	30 3000K	
	L 10"x6"	L2 200lm	AMB 590nm Amber ⁽²⁾	35 3500K	WL White louver with clear polycarbonate, .250" thick
		Large		40 4000K	BL Black louver with clear polycarbonate, .250" thick
		L3 300lm		50 5000K	
		L5 500lm		- None ⁽³⁾	
		L7 700lm			

FACEPLATE FINISH ⁽⁴⁾	OPTIONS	DRIVER	VOLTAGE
WHT White	EM/4WRM/RTS Remote mount 4-watt emergency battery with remote test switch ⁽⁶⁾	DIM Dimming driver prewired for 0-10V low voltage applications	UNV 120-277V
BLK Black (RAL #9011)	(L_) Additional lower lumen packages available ⁽⁷⁾ Example: 400 lumens = NLV-L-L5/840-(L4)	DRV Driver prewired for non-dimming applications	347 347V ⁽⁸⁾
BRZ Bronze (RAL #7022)			
NKL Nickel			
SLV Silver			
ALUM Silver sparkle			
RAL#_____ Custom color ⁽⁵⁾			

SPECIFICATIONS

- HOUSING – One-piece welded 19-gauge C.R.S.
- SHIELDING – One-piece welded 19-gauge C.R.S. attached to fixture using, tamper-resistant stainless steel Torx T-25 screws, (1) tamper-resistant tool provided. Choice of open faceplate with diffuse polycarbonate or louver faceplate with clear polycarbonate.
- FINISH – 92% minimum average reflective white anti-microbial powder coat bonded to phosphate-free, multi-stage pretreated metal. Salt spray tested, 1,000 hours (ASTM B117). All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. L70 >72,000 hours. 50/60 Hz, THD <10%
- MOUNTING – Recessed wall mount. Adjustable galvanized steel mounting brackets provided.
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations. Indoor applications only.
 - IC-rated for direct contact with insulation.
 - ADA compliant.
 - IK10 rated.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

NOTES

- Lumen output based on 80 CRI/4000K CCT and O Shielding. Actual performance may vary +/-5%.
- Do not specify CCT. Not available with L2 or L7 lumen packages.
- Must specify with AMB CRI. Not available with other CRI options.
- See page 3 for FACEPLATE FINISH DETAILS.
- Specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.
- See page 3 for REMOTE BATTERY DETAILS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with EM batteries.



FIXTURE PERFORMANCE DATA

STATIC WHITE

SIZE	LED PACKAGE	OPEN			WHITE LOUVER			BLACK LOUVER		
		DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
S	L1	103	3.7	28	105	3.7	28	28	3.7	8
	L2	182	6.8	27	185	6.8	27	48	6.8	7
L	L3	307	7.0	44	300	7.0	43	90	7.0	13
	L5	507	11.0	46	496	11.0	45	148	11.0	13
	L7	730	15.0	49	715	15.0	48	213	15.0	14

AMBER

SIZE	LED PACKAGE	OPEN			WHITE LOUVER			BLACK LOUVER		
		DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
S	L1	100	4.6	22	102	4.6	22	27	4.6	6
L	L3	300	8.2	37	294	8.2	36	88	8.2	11
	L5	502	13.5	37	491	13.5	36	147	13.5	11

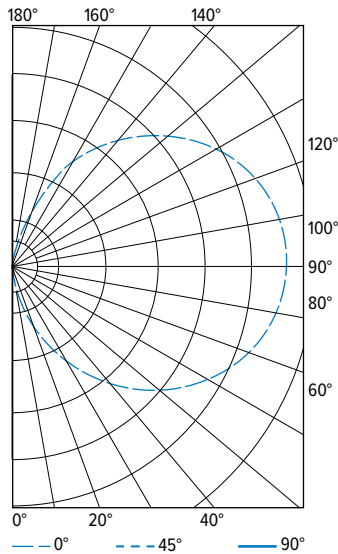
MULTIPLIER TABLES

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.94
	3000K	0.96
	3500K	0.97
	4000K	1.00
	5000K	1.03
90 CRI	2700K	0.77
	3000K	0.79
	3500K	0.80
	4000K	0.83
	5000K	0.86

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/4000K CCT, 0 Shielding, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

PHOTOMETRY

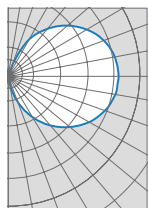
NLV-S-L2/840-O-WHT-DIM-UNV Total Luminaire Output: 181.6 lumens; 6.8 Watts | Efficacy: 26.8 lm/W | 80 CRI; 4000K CCT



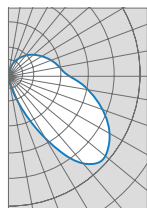
VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
	0°	
0	0	
5	2	0
15	12	1
25	23	2
35	34	4
45	43	5
55	50	7
65	57	9
75	61	10
85	63	10
90	63	
95	62	10
105	61	10
115	56	8
125	50	6
135	43	5
145	33	3
155	17	1
165	5	0
175	0	0
180	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	7	4
0 - 40	10	6	
0 - 60	34	19	
0 - 90	91	50	
90 - 180	91	50	
0 - 180	182	100	

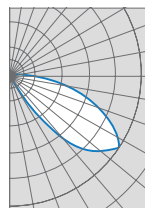
SMALL



Open

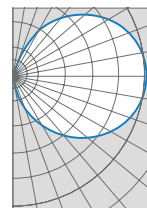


White Louver

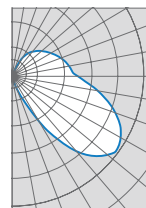


Black Louver

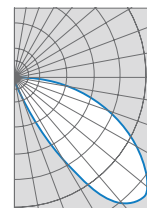
LARGE



Open



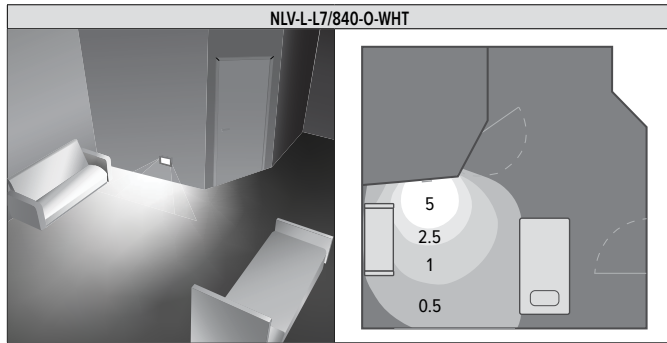
White Louver



Black Louver



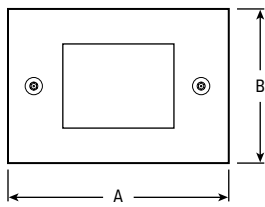
FOOTCANDLE ESTIMATOR & DISTRIBUTION



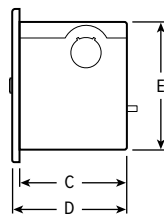
Footcandle calculations based on standard reflectance of 80/50/20 and a light loss factor of .85. Fixture installed 18" above floor

FIXTURE DETAILS

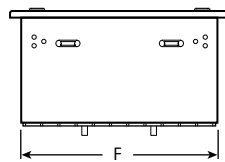
FRONT VIEW



SIDE VIEW



TOP VIEW



	FRONT VIEW		SIDE VIEW			TOP VIEW
	A	B	C	D	E	F
S	6-7/16"	4-1/2"	3-1/8"	3-3/8"	3-3/4"	5-3/4"
L	10-7/16"	6-1/2"	3-1/8"	3-3/8"	5-3/4"	9-3/4"

OPEN

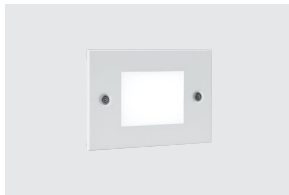
WHITE LOUVER

BLACK LOUVER

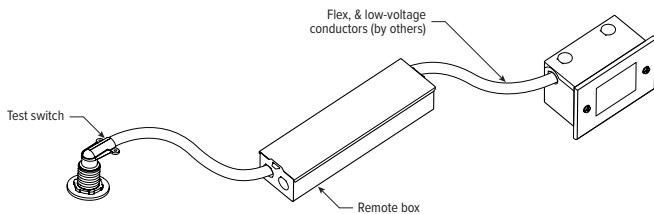
LARGE



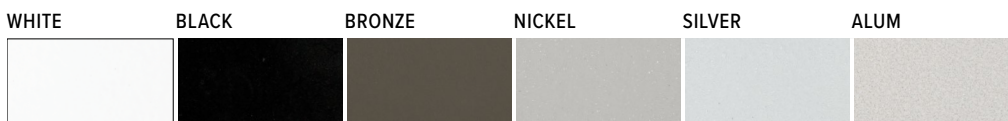
SMALL



REMOTE BATTERY DETAILS



FACEPLATE FINISH DETAILS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

