

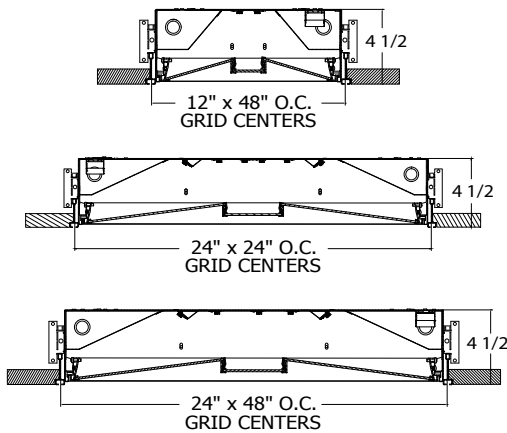
WHISPER

LED TROFFER

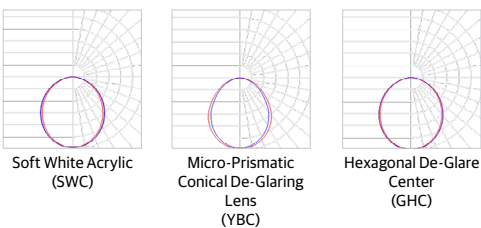
HIGHLIGHTS

- Clean, simple design with sloping side panels
- 2000 to 9000 lumen packages available
- From 114 to 143 lumens per watt (LPW), depending on size, lens, lumen combination
- 1X4, 2X2, and 2X4 sizes available
- Three center shielding options
- UGR data on page 4

DIMENSIONS



DISTRIBUTION




FIXTURE PERFORMANCE

Size	Nominal Lumens	Delivered Lumens	Input Watts	LPW
1x4	2000LM	1946	16	122
	2500LM	2516	21	123
	3000LM	3039	25	120
	3300LM	3327	28	119
	3500LM	3526	30	118
	4000LM	3903	33	117
	4500LM	4529	38	120
	4800LM	4812	41	119
	5000LM	5035	41	122
	5500LM	5546	46	121
	6000LM	6051	51	119
	6500LM	6550	56	118
	7000LM	7042	61	116
	7200LM	7232	63	116
	7500LM	7546	62	121
	8000LM	7808	65	120
2x2	2000LM	2013	16	129
	2500LM	2494	20	127
	3000LM	2969	24	125
	3300LM	3264	27	123
	3500LM	3468	28	123
	4000LM	3960	32	123
	4500LM	4473	38	118
	4800LM	4755	40	118
	5000LM	4951	42	119
	5500LM	5422	46	117
	6000LM	5913	52	114
	6500LM	6433	52	124
	7000LM	6912	56	123
	7200LM	7107	58	122
	7500LM	7412	61	122
	8000LM	7880	66	120
8200LM	8098	68	120	
2x4	3000LM	3014	21	143
	3500LM	3554	26	137
	4000LM	4326	31	140
	4500LM	4546	34	132
	4800LM	4838	37	131
	5000LM	5012	38	131
	5500LM	5527	42	131
	6000LM	6033	47	129
	6500LM	6529	51	127
	7000LM	7052	56	127
	7200LM	7214	57	126
	7500LM	7535	60	125
	8000LM	8032	65	123
	8500LM	8542	70	122
	9000LM	10106	77	131

*Based on 35K 80CRI with SWC center shielding



 Design Select options indicated by this color background.

Ordering

Example: WHSPR 2X4 80CRI 35K 4000LM MIN1 MVOLT SWC ZT

Series	Size	LED Color Rendering	LED Color Temp	LED Output ¹
WHSPR Whisper LED	2X2 2' x 2' 2X4 2' x 4' 1x4 1' x 4'	80CRI >80 CRI 90CRI >90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	2000LM² 2000 Lumens 2500LM² 2500 Lumens 3000LM 3000 Lumens 3300LM² 3300 Lumens 3500LM 3500 Lumens 4000LM 4000 Lumens 4500LM 4500 Lumens 4800LM 4800 Lumens 5000LM 5000 Lumens 5500LM 5500 Lumens 6000LM 6000 Lumens 6500LM 6500 Lumens 7000LM 7000 Lumens 7200LM 7200 Lumens 7500LM 75000 Lumens 8000LM 8000 Lumens 8200LM² 8200 Lumens 8500LM² 8500 Lumens 9000LM² 9000 Lumens

1. Nominal values. Consult Fixture Performance table for actual delivered lumens.
2. Not available with 2X4
3. Not available with 1X4
4. Not available with 1X4 or 2X2

Minimum Dimming Level	Voltage	Center Shielding	Finish	Emergency Options	Trim
NODIM¹ Non Dimming MINI Constant Current, Dimming to 1% MINIO² Constant Current, Dimming to 10% DARK Constant Current, Dimming to 0.1%	MVOLT 120-277 Volt 120 120 Volt 277 277 Volt 347 347 Volt	SWC Soft White Acrylic YBC Microprismatic Conical De-Glaring Lens GHC¹ Hexagonal De-Glare Lens <i>1. Not Declare listed.</i>	(blank) Standard White paint AMF² Anti-Microbial White RALTB^{1,2} RAL Paint Finishes <i>1. RALTB is for pricing only. Replace with applicable RAL number & finish when placing order. 2. Not available with SMK.</i>	(blank) No Emergency Required E10WLCP^{1,4} 10 Watt Battery Pack, Constant Power with Self Diagnostics, T20 Compliant EMG² Emergency nLight Device for Use with EM Power Circuit BGTD³ Generator Transfer Device <i>1. Not available with 6000LM, 6500LM, 7000LM, 7200LM, 7500LM, 8000LM, 8500LM, or 9000LM. Test switch located on internal reflector behind diffuser. Glow of test switch visible from below. 2. Requires NLTAIR2 or NLIGHT. nLight EMG option requires a connection to an existing nLight network. Power is provided from a separate nLight device. 3. Not available with MVOLT or 347. Must select 120 or 277 option, not available with E10WLCP or NLTAIR2 options. 4. Not available with 347.</i>	(blank) No Trim AR¹ Air Return <i>1. Not available with 1X4, NLIGHT, DMX, CP, AMF, or SMK.</i>

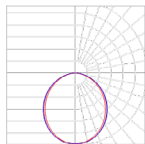
Control Input	Primary Sensors ^{1,2}	Pre-Wire Whips	Options
(blank) Use with NODIM Option ZT 0-10V NLIGHT¹ nLight Wired NLTAIR2^{1,4} nLight Air (wireless) Enabled DALP² DALI DMX^{2,5,6} DMX ECOD³ Lutron Ecosystem Driver <i>1. Only available with MINI or DARK 2. Only available with DARK 3. Only available with MINI 4. If sensor required, must select API or APD. 5. Not available with 7000LM, 7200LM, 7500LM, 8000LM, 8500LM, or 9000LM. 6. Not available in 2X4 with 6500LM. For additional ordering assistance consult 'Intelligent Luminaire Technology Guide'.</i>	(blank) No Sensor PIR⁴ Occupancy Sensor- Passive Infrared PDT⁴ Occupancy Sensor- Dual Technology (Passive Infrared & Microphonics) APP⁴ PIR Occupancy Sensor & Photocell APD⁴ PDT Occupancy Sensor & Photocell <i>1. Not available with NODIM or MINIO. 2. Not available with ECOD, DMX, or DALI. 3. If paired with ZT, sensor will be integral but not nLight enabled. All sensors are factory-installed onboard sensors. 4. Requires NLIGHT. For additional ordering assistance consult 'Intelligent Luminaire Technology Guide'.</i>	(blank) No Pre-Wire PWS1836 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit PWS1846 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit PWS1846PWSLV^{1,2} Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge, purple and gray PWS1856LV^{1,2} 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires <i>1. Not available with NODIM, NLIGHT, or NLTAIR2. 2. Not available with PIR, PDT, API, or APD sensors.</i>	(blank) No Options CP¹ Chicago Plenum GLR² Fast-Blow Fuse GMF² Slow-Blow Fuse LATC Earthquake Clips BAA Buy America(n) Act and/or Build America Buy America Qualified SMK³ Surface Mount Kit <i>1. Not available with NLIGHT. 2. Specific 120 or 277 voltage required. 3. Not available with AMF or RALTB finishes.</i>



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

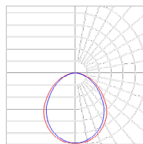
Maximum order quantity for Design Select lead times is 250 luminaires.

PHOTOMETRICS



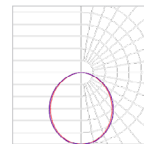
SWC
Test Report: ISF 231930P82
IES LM79-08
Catalog #: WHSPR 2X4 35K 80CRI 8000LM SWC
Lumens: 8032
Wattage: 65.1
Efficacy: 123

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2,309.50	28.80%
0-40	3,729.60	46.40%
0-60	6,425.10	80.00%
60-90	1,606.90	20.00%
70-100	665.6	8.30%
90-120	0	0%
0-90	8,032.00	100%
90-180	0	0%
0-180	8,032.00	100%



YBC
Test Report: ISF 231931P82
IES LM79-08
Catalog #: WHSPR 2X4 35K 80CRI 8000LM YBC
Lumens: 7829.7
Wattage: 65.1
Efficacy: 120

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2,377.90	30.40%
0-40	3,831.90	48.90%
0-60	6,392.30	81.60%
60-90	1,437.30	18.40%
70-100	601.6	7.70%
90-120	0	0%
0-90	7,829.70	100%
90-180	0	0%
0-180	7,829.70	100%



GHC
Test Report: ISF 231929P82
IES LM79-08
Catalog #: WHSPR 2X4 35K 80CRI 8000LM GHC
Lumens: 7887.2
Wattage: 65.1
Efficacy: 121

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2,267.50	28.70%
0-40	3,663.60	46.50%
0-60	6,314.80	80.10%
60-90	1,572.30	19.90%
70-100	649.2	8.20%
90-120	0	0%
0-90	7,887.20	100%
90-180	0	0%
0-180	7,887.20	100%

PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	10,000	60,000	100,000
Lumen Maintenance Factor	1	0.98	0.91	0.86

CCT/CRI SCALING CHART

CCT	CRI	MULTIPLIER	
27K	80CRI	0.94	
30K	80CRI	0.97	
35K	80CRI	1.00	
40K	80CRI	1.02	
50K	80CRI	1.04	R9
27K	90CRI	0.79	57.35
30K	90CRI	0.81	52.70
35K	90CRI	0.83	56.18
40K	90CRI	0.84	58.38
50K	90CRI	0.89	55.60

Lumen scaling charts can be used to approximate the lumen values at different Kelvin temperatures, color rendering indices, optics, or shielding.

Example: Calculating the lumen change from 80CRI 35K to 80CRI 40K = Lumen output for WHSPR 2X4 35K 80CRI 8000LM SWC (8032) x 1.02 multiplier = 8193 lumens

SHIELDING SCALING CHART

Shielding	Multiplier
SWC	1.000
YBC	0.999
GHC	0.989

*Based upon Soft White Acrylic (SWC) shielding

UGR CHART

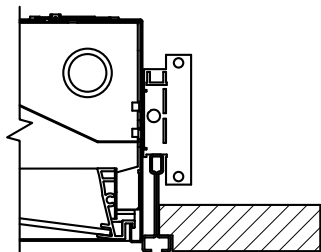
		UGR (70% 50% 20% reflectance using a 4H x 8H room size)					
SIZE	LUMEN PACKAGE	Crosswise			Endwise		
		SWC	YBC	GHC	SWC	YBC	GHC
1x4	2000LM	18.0	17.3	18.0	16.8	16.3	16.9
	2500LM	18.9	18.2	18.9	17.7	17.2	17.8
	3000LM	19.6	18.8	19.5	18.3	17.8	18.5
	3300LM	19.9	19.1	19.9	18.7	18.2	18.8
	3500LM	20.1	19.3	20.1	18.9	18.4	19.0
	4000LM	20.4	19.7	20.4	19.2	18.7	19.4
	4500LM	21.0	20.2	20.9	19.7	19.2	19.9
	4800LM	21.2	20.4	21.1	19.9	19.4	20.1
	5000LM	21.3	20.6	21.3	20.1	19.6	20.2
	5500LM	21.7	20.9	21.6	20.4	19.9	20.6
	6000LM	22.0	21.2	21.9	20.7	20.2	20.9
	6500LM	22.2	21.5	22.2	21.0	20.5	21.2
	7000LM	22.5	21.7	22.5	21.3	20.8	21.4
	7200LM	22.6	21.8	22.6	21.4	20.9	21.5
7500LM	22.7	22.0	22.7	21.5	21.0	21.7	
8000LM	22.9	22.1	22.8	21.6	21.1	21.8	
2x2	2000LM	17.6	16.6	17.6	17.5	17.5	17.6
	2500LM	18.3	17.4	18.3	18.2	18.2	18.3
	3000LM	18.9	18.0	18.9	18.8	18.8	18.9
	3300LM	19.2	18.3	19.2	19.1	19.1	19.3
	3500LM	19.4	18.5	19.5	19.4	19.3	19.5
	4000LM	19.9	19.0	19.9	19.8	19.8	19.9
	4500LM	20.3	19.4	20.3	20.2	20.2	20.4
	4800LM	20.5	19.6	20.6	20.4	20.4	20.6
	5000LM	20.7	19.8	20.7	20.6	20.6	20.7
	5500LM	21.0	20.1	21.0	20.9	20.9	21.0
	6000LM	21.3	20.4	21.3	21.2	21.2	21.3
	6500LM	21.6	20.7	21.6	21.5	21.5	21.6
	7000LM	21.8	20.9	21.9	21.7	21.7	21.9
	7200LM	21.9	21.0	22.0	21.8	21.8	22.0
7500LM	22.1	21.2	22.1	22.0	22.0	22.1	
8000LM	22.3	21.4	22.3	22.2	22.2	22.3	
8200LM	22.4	21.5	22.4	22.3	22.3	22.4	
2x4	3000LM	17.3	15.9	17.0	16.6	16.6	16.6
	3500LM	17.8	16.4	17.6	17.1	17.2	17.1
	4000LM	18.5	17.1	18.3	17.8	17.9	17.8
	4500LM	18.7	17.3	18.4	18.0	18.1	18.0
	4800LM	18.9	17.5	18.6	18.2	18.3	18.2
	5000LM	19.0	17.6	18.8	18.3	18.4	18.3
	5500LM	19.4	18.0	19.1	18.7	18.8	18.7
	6000LM	19.7	18.3	19.4	19.0	19.1	19.0
	6500LM	20.0	18.5	19.7	19.2	19.3	19.2
	7000LM	20.2	18.8	20.0	19.5	19.6	19.5
	7200LM	20.3	18.9	20.0	19.6	19.7	19.6
	7500LM	20.5	19.0	20.2	19.7	19.8	19.7
8000LM	20.7	19.3	20.4	20.0	20.1	20.0	
8500LM	20.9	19.5	20.6	20.2	20.3	20.2	
9000LM	21.5	20.1	21.2	20.8	20.8	20.8	

*UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR" and/ or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application.

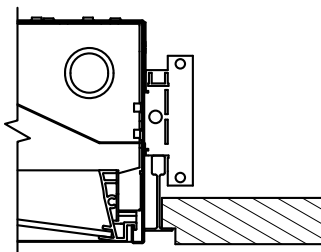
For more information on UGR see [UGR FAQ](#)

MOUNTING

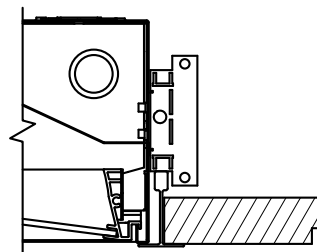
Recessed, lay-in formed steel trim. Universal trim accommodates 9/16" slot grid or 15/16" inverted tee, or 9/16" inverted tee.



UNIV
(9/16" Slot Grid)



UNIV
(9/16" Grid)

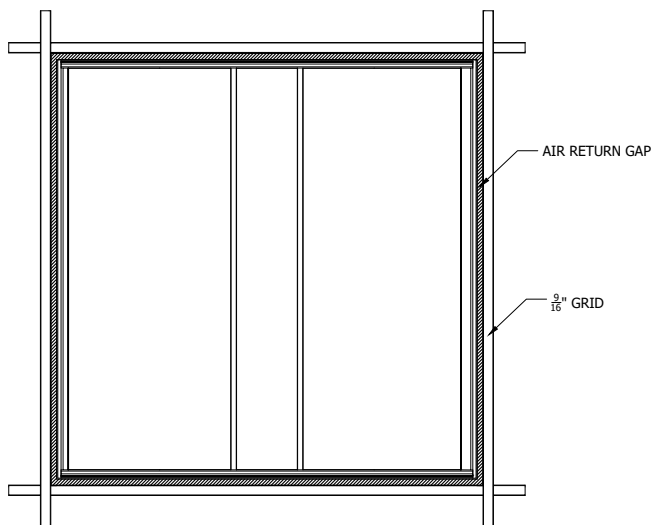


UNIV
(15/16" Grid)

For recessed mounting in hard ceiling applications, use one of the following drywall grid adapters (ordered separately).

Fixture	Drywall Grid Adapter (DGA)
WHSPR 2X2	DGA22
WHSPR 2X4	DGA24
WHSPR 1X4	DGA14WHS

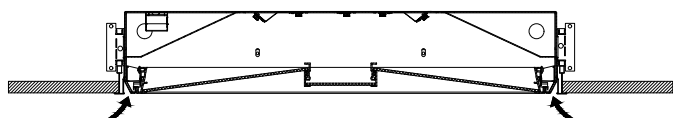
AIR RETURN



Use total area of the air returns shown below in conjunction with the pressure differential between the plenum and room space to calculate your flow rate.

WHSPR 2X2	
Grid Type	Air Return Area (in ²)
Flat 9/16	29.5
Flat 15/16	12.2
Slotted 9/16	29.5

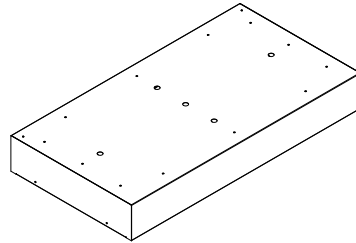
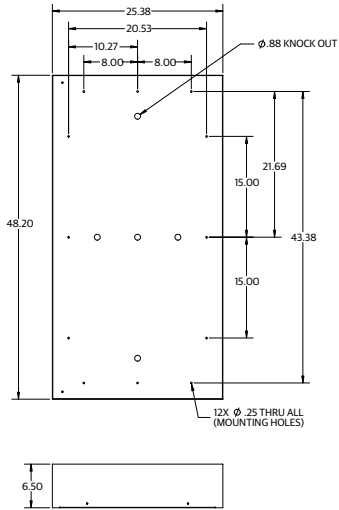
WHSPR 2X4	
Grid Type	Air Return Area (in ²)
Flat 9/16	44.9
Flat 15/16	18.5
Slotted 9/16	44.9



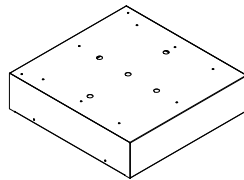
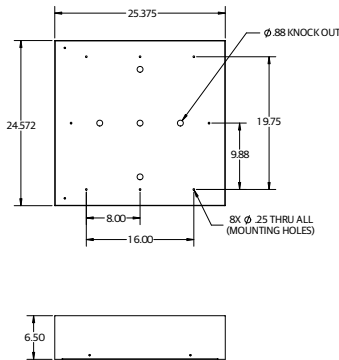
AIR FLOW PATH (ALONG ENTIRE PERIMETER OF FIXTURE) 9/16 FLAT TEE GRID SHOWN

SURFACE MOUNT KIT

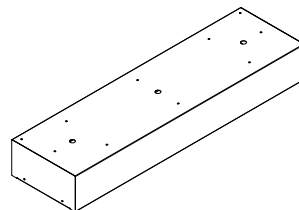
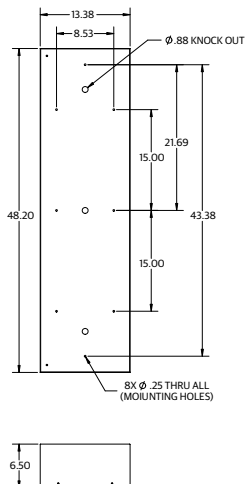
Formed and welded 20 gauge steel steel housing with (2) outer end plates (shipped separate from housing). Available in standard white paint finish.



Size: 2x4
Approx Weight: 38 lbs.

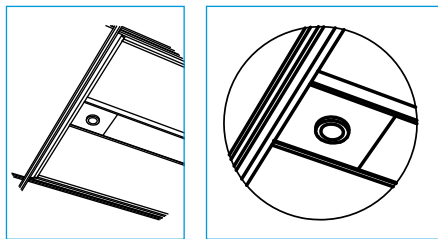


Size: 2x2
Approx Weight: 25 lbs.



Size: 1x4
Approx Weight: 30 lbs.

INTEGRATED SENSORS



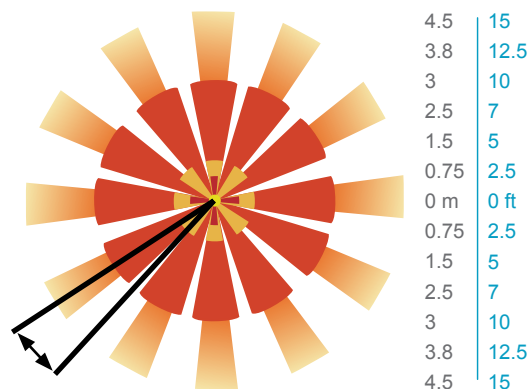
Pictured with Occupancy Sensor and Photocell

COVERAGE PATTERN

MICRO 360° Lens

- At the 7.5 ft (2.29 m) hanging height of a typical pendant mount fixture the sensor provides 10 ft (3.05 m) radial detection of small motion. At a 9 ft (2.74 m) hanging height the radius is 12 ft (3.66 m) for small motion.
- Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.
- Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.

7.5 ft Mounting Height



Lens rotates 15° to enable adjustment

EMERGENCY OPTION

How to Estimate Delivered Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = 10 watts for PS1055LCP

LPW - Lumens per watt rating of the luminaire. This information is available on page 1 of this spec sheet or appropriate IES file.

UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

CONTROL ACCESSORIES

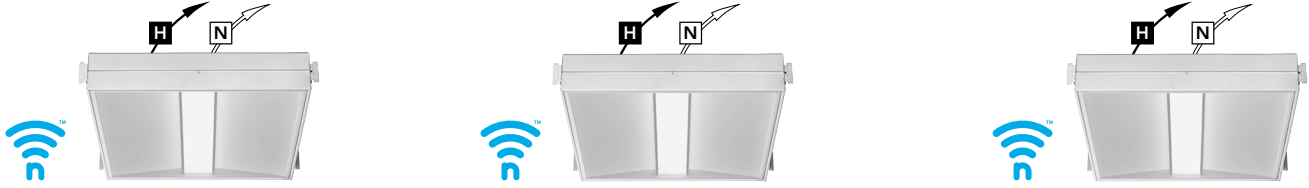
nLight® Wired Control Accessories <i>Order as separate catalog number</i>	
Wall Switches	Model Number
On/Off single pole	nPODMA (color)
On/Off two pole	nPODMA 2P (color)
On/Off single pole, dimming	nPODMA DX (color)
On/Off two pole, dimming	nPODMA 2P DX (color)
On/Off, two level	nPODMA 2L (color)
Graphic touchscreen	nPOD TOUCH (color)

For more information see nPOD and nPOD TOUCH spec sheets

nLight AIR® Control Accessories <i>Order as separate catalog number</i>	
Wall Switches	Model Number
On/Off single pole	rPODBA (color)
On/Off two pole	rPODBA 2P (color)
On/Off single pole, dimming	rPODBA DX (color)
On/Off two pole, dimming	rPODBA 2P DX (color)
On/Off, 4 scene control	rPODBA 4S (color)

For more information see rPOD spec sheets

nLIGHT AIR WIRELESS



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With our CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the intended outcome



rPODB 2P DX WH G2



Mobile Device

For more information, please consult our technical guides for [nLight](#) or [nLight Air](#).

INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

Choose nomenclature from these columns						
Driver Configuration (MVOLT)	Minimum Dimming Level	Control Input	Dimming Range	Notes		
	NODIM	+	(blank)	-	No 0-10V leads from driver	
	MIN10	+	ZT	100% to 10%	Linear Dimming, supplied with leads for 0-10V control	
	MIN1	+	ZT	100% to 1%	Linear Dimming, supplied with leads for 0-10V control	
	MIN1	+	NLIGHT	100% to 1%	Linear Dimming, NIO EZ PH, included with luminaire	
	MIN1	+	NLTAIR2	100% to 1%	Linear Dimming, internal RIO EZDL 90D G2 included with luminaire	
	MIN1	+	ECOD	100% to 1%	Lutron Hi-Lume 1% EcoSystem (LDE1)	
	DARK	+	ZT	100% to 0.1%	Logarithmic Dimming, supplied with leads for 0-10V control	
	DARK	+	NLIGHT	100% to 0.1%	Logarithmic Dimming, NIO EZ PH included with luminaire	
	DARK	+	NLTAIR2	100% to 0.1%	Logarithmic Dimming, RIO EZDL 90D G2 included with luminaire	
	DARK	+	DALI	100% to 0.1%	Logarithmic Dimming, DALI controls by others	
	DARK	+	DMX	100% to 0.1%	Compatible with DMX / RDM (Remote Device Management), DMX controls by others	

Choose nomenclature from these columns						
Control/Sensor Configurations	Control Input	Sensor	Emergency	Integral Component Description		
	ZT	+	API	(blank)	Sensor Switch MSD 7 EZ ADC	
	ZT	+	APD	(blank)	Sensor Switch MSD PDT 7 EZ ADC	
	NLIGHT	+	PIR	(blank)	nLight NES 7	
	NLIGHT	+	PIR	+	EMG	nLight NES 7 with NIO EZ PH ER
	NLIGHT	+	PDT	(blank)	nLight NES PDT 7	
	NLIGHT	+	PDT	+	EMG	nLight NES PDT 7 with NIO EZ PH ER
	NLIGHT	+	API	(blank)	nLight NES 7 ADCX	
	NLIGHT	+	API	+	EMG	nLight NES 7 ADCX with NIO EZ PH ER
	NLIGHT	+	APD	(blank)	nLight NES PDT 7 ADCX	
	NLIGHT	+	APD	+	EMG	nLight NES PDT 7 ADCX with NIO EZ PH ER
	NLIGHT	+	(blank)	(blank)	nLight NIO EZ PH	
	NLIGHT	+	(blank)	+	EMG	nLight NIO EZ PH ER
	NLTAIR2	+	API	(blank)	nLight RES7 G2	
	NLTAIR2	+	API	+	EMG	nLight RES7 EM 90D G2
	NLTAIR2	+	APD	(blank)	nLight RES7 PDT G2	
	NLTAIR2	+	APD	+	EMG	nLight RES7 PDT EM 90D G2
	NLTAIR2	+	(blank)	(blank)	nLightRIO EZDL 90D G2	
NLTAIR2	+	(blank)	+	EMG	nLight RIO EZDL EM 90D G2	

For more information, please consult our technical guides for [nLight](#) or [nLight Air](#).

SPECIFICATIONS

Housing

Nominal 1'x4', 2'x2' or 2'x4' housings fabricated from 22-gauge, cold-rolled steel. Air return option available.

Door Frame

The hinged door frame is constructed of extruded aluminum center and side rails with cold-rolled steel end caps capturing three individual optical panels to form a single unit. The hinged door frame can be positioned on either side of the fixture housing to provide easy room side access for maintenance.

Finish

Matte white polyester powder paint standard for trim. Consult factory for custom colors or specify RAL colors from Architectural brochure.

Inner Housing Reflector

Formed steel with highly reflective white polyester powder paint.

Lenses/Shielding

Center Panel: Soft-White Acrylic (SWC) or Micro-Prismatic Conical De-Glaring Acrylic Lens (YBC) or Hexagonal De-Glare Lens (GHC) options available.

Side Panels: Soft-White Acrylic only.

Mounting

Recessed ceiling for grid or inaccessible sheetrock ceiling.

Grid: Accommodates 9/16" slot grid or 15/16" inverted tee or 9/16" inverted tee.

Sheetrock: Use a Drywall Grid Adapter (DGA22, DGA24, or DGA14WHS). Ordered separately.

LED Components

Multiple lumen packages available with 2700K, 3000K, 3500K, 4000K and 5000K CCT in either 80CRI or 90CRI. The Acuity Brands circuit boards use a precise binning algorithm which creates a consistent color temperature from board to board. The color a variation of no greater than a 2.5 Step MacAdam (2.55DECM) along the black body locus from board to board.

Electrical

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 60,000 hours (L90/60,000).

Dimming Drivers

Factory tuned constant current electronic dimming driver is standard. Flicker free dimming available down to <1%. LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels. Electrical specifications at maximum driver load: PF > 0.9 and THD <20%. Meets FCC Title 47 Class A or Class B. Other available drivers include Lutron, DALI, and DMX protocol drivers. All drivers are RoHS compliant.

Controls and System Networking Options

Optional integrated nLight® controls make each fixture addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors, and photocontrols. Connection to nLight is simple. It can be accomplished with remote nLight AIR wireless or through standard Cat-5 cabling. (cabling "by others") nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other, while nLight AIR is commissioned easily through an intuitive mobile app.

Emergency Battery (Optional)

Integral emergency battery (E10WLCP) for 90 minutes of operation. Emergency battery pack, 10W, Linear Constant Power. Certified in CA Title 20 MAEDBS.

Remote generator transfer device (BGTD) works in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

Voltage

120 thru 277v/50-60Hz: 347v/50-60Hz (optional)

Ambient Operating Temperature

-20°C (-4°F) to +25°C (+77°F).

Ambient Operating Humidity

90% relative humidity non-condensing maximum.

Environment

Suitable for damp locations. Indoor use only.

Certification

CSA certified to meet U.S. and Canadian standards (UL1598 and UL8750). This product is IC rated. Chicago plenum rating (option) available.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Fixture Weight (Without emergency or packaging)

1x4: 22lbs.

2x2: 28lbs.

2x4: 38lbs.

Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.