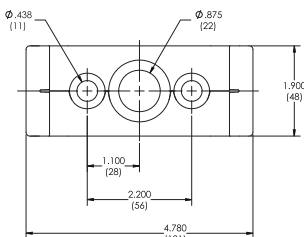
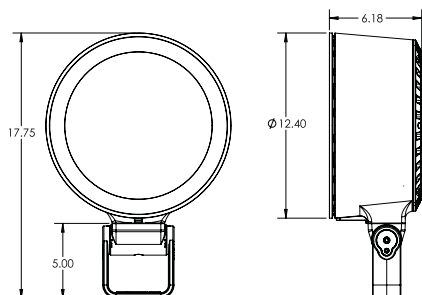




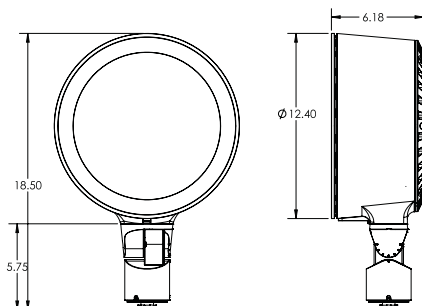
Specifications

Weight:	34lbs
EPA:	KM: 1.24 YM: 1.21

DIMENSIONS



YOKE



KNUCKLE

SAF14 LED SPECIALTY ARCHITECTURAL FLOOD

HIGHLIGHTS

- Suitable for a variety of mounting applications including ground, wall, pole, stanchion
- 0-10V, Reverse phase Dimming
- Taper-Lock technology provides full aiming integrity utilizing both a rugged knuckle and yoke design
- Available in 80CRI and 90CRI
- 9,500lm
- IK10 option available
- Minimalist design that provides clean and intentional lines and transitions
- Slightly convex watershed lens that evades water build up and staining
- Industry leading flow-thru design achieved with separately sealed optical chamber and driver
- NOM Listed
- Available in MVOLT and 347 volt
- nLight Air wireless option available



IP68



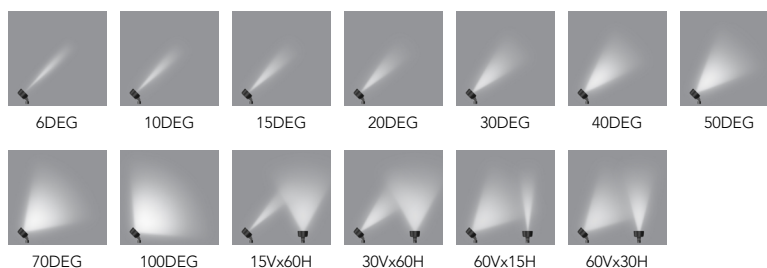
LUMEN PACKAGES

	6DEG	10DEG	15DEG	20DEG	30DEG	40DEG	50DEG
Delivered Lumens	6,333	6,035	5,715	5,677	5,601	5,510	5,471
Watts	86	86	65	65	65	65	65
LPW	74	70	88	87	86	85	84
Peak Candela	380,615	151,901	50,868	34,851	14,125	8,210	5,948

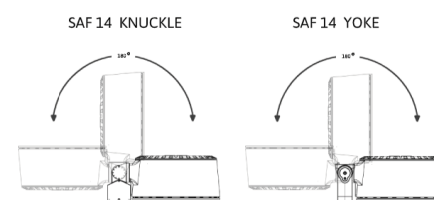
	70DEG	100DEG	15Vx60H	30Vx60H	60Vx15H	60Vx30H
Delivered Lumens	5,302	4,816	5,844	5,642	5,469	5,390
Watts	65	65	65	65	65	65
LPW	82	74	90	87	84	83
Peak Candela	3,620	2,424	14,623	8,062	15,160	7,667

Note: Information based on 4000K @ P1, 80CRI

STANDARD DISTRIBUTION



AIMING DETAIL



ORDERING INFORMATION

EXAMPLE: SAF14 LED P1 80CRI 27K MVOLT 6DEG CWL KM CJB L1 ZT BL

SAF14																		
Series*		Source*	Performance Packages*	CRI*	Color Temperature*		Voltage*	Distribution*		Lens*		Mounting*						
SAF14	Specialty Architectural Flood	LED	P1	80CRI	27K	2700K	MVOLT 347	6DEG	6°	CWL	Clear Watershed Lens	KM Knuckle YM Yoke						
			P2	90CRI	30K	3000K		10DEG	10°									
			P3	Note: P3 not available in 6DEG & 10DEG	35K	3500K		15DEG	15°									
			40K		4000K	20DEG		20°										
			50K		5000K	30DEG		30°										
			Note: 347 volt is not available with P3	Note: 90CRI Not available in 50K	Note: CRI not required with AMBLW	Note: AMBLW not available in 6DEG		40DEG	40°				Note: CWL lens IK08. For IK10 use external WRG option.					
								50DEG	50°									
								70DEG	70°									
								100DEG	100°									
								15VX60H	15° x 60°									
								30VX60H	30° x 60°									
								60VX15H	60° x 15°									
								60VX30H	60° x 30°									
								Note: 347 volt is not available with 6DEG and 10DEG										
								Note: AMBLW only available in P1										
								Note: 347 volt is not available with AMBLW										
Mounting Accessories		Options Internal Accessory		Options*		Control Input		External		Finish*								
ADPMR	Architectural Decorative Pole Mount Round	L1	Prismatic Lens	CSL_	10' – 50' of cord available in 5' increments	ZT	0-10V dimming to 1%	GS	Glare shield	BL	Black Textured							
ADPMS	Architectural Decorative Pole Mount Square	L2	Linear Spread Lens			ELV	Reverse phase	FGS	Full Glare Shield	BRS	Bronze Smooth							
AMPC_/_	Architectural Mid Pole Clamp available to fit on a 4" or 6" pole with 1 or 2 fixtures	L3	Softening Lens			NLTAIR2	nLight Air Wireless Enabled for Dimming	WRG	Wire Rock Guard	BRT	Bronze Textured							
APAR	Round 18" Pole Mount	IHL	Honeycomb Louver	Note: Cord length required for Yoke Mounting only														
APAS	Square 18" Pole Mount	Note: Only one Internal accessory can be chosen																
AWSC	Architectural Wall Splice Cover	Hardware																
CAJB	Cylindrical Architectural Junction box	TPH	Tamper proof hardware		Note: 347 volt is not available with ELV and NLTAIR2													
CJB	Cylindrical Junction Box	LASC	Safety Cable							Note: ZT is not available with 347 with YM								
CPM	Cylindrical Pedestal Mount																	
CPMSA	Cylindrical Pole Mount Splice Access																	
CSM_	Cylindrical Stancion Mount 12"-48" available in 6" increments																	
CWMA_T	Cylindrical Wall Mount Arm Top 12"-48" (available in 6" increments)																	
						</												

*Required Fields

Notes:

1 Lumens not reflective of Amber output. See below chart

DIMMING CHART

Voltage	Control Input	Min Dimming Level
MVOLT	ZT	1%
MVOLT	ELV Reserve Phase	1%
MVOLT	NLTAIR2	1%

PERFORMANCE DATA

LUMEN OUTPUT – SAF14

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle		27K (2700K, 80CRI)			30K (3000K, 80CRI)			35K (3500K, 80CRI)			40K (4000K, 80CRI)			50K (5000K, 80CRI)		
			°H	°V	°H	°V	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW
P1	86	6DEG	11	11	6	6	336,192	5,593	65	353,360	5,879	68	375,500	6,247	73	380,615	6,333	74	394,439	6,563	76
		10DEG	18	18	9	9	134,172	5,331	62	141,024	5,603	65	149,859	5,954	69	151,901	6,035	70	157,418	6,254	73
		15DEG	32	32	16	16	46,894	5,269	81	48,847	5,488	84	50,285	5,650	87	50,868	5,715	88	54,225	6,092	94
		20DEG	39	39	20	20	32,128	5,234	81	334,661	5,452	84	34,452	5,612	86	34,851	5,677	87	37,151	6,052	93
	65	30DEG	61	61	33	33	13,022	5,163	79	13,564	5,378	83	13,964	5,537	85	14,125	5,601	86	15,058	5,970	92
		40DEG	78	78	47	47	7,568	5,079	78	7,883	5,291	81	8,116	5,447	84	8,210	5,510	85	8,751	5,873	90
		50DEG	90	90	56	56	5,483	5,043	78	5,711	5,253	81	5,880	5,408	83	5,948	5,471	84	6,340	5,832	90
		70DEG	111	111	77	77	3,337	4,888	75	3,476	5,092	78	3,578	5,242	81	3,620	5,302	82	3,859	5,652	87
		100DEG	127	127	94	94	2,235	4,440	68	2,328	4,625	71	2,396	4,761	73	2,424	4,816	74	2,584	5,134	79
		15Vx60H	95	34	66	16	13,480	5,387	83	14,042	5,612	86	14,455	5,777	89	14,623	5,844	90	15,588	6,229	96
		30Vx60H	98	61	66	33	7,432	5,201	80	7,742	5,417	83	7,970	5,577	86	8,062	5,642	87	8,594	6,014	93
		60Vx15H	33	93	16	65	13,976	5,042	78	14,558	5,251	81	14,986	5,406	83	15,160	5,469	84	16,160	5,830	90
		60Vx30H	62	100	34	68	7,068	4,969	76	7,362	5,176	80	7,579	5,328	82	7,667	5,390	83	8,173	5,746	88
		6DEG	11	11	6	6	394,324.7	6,561	57	414,462	6,896	60	440,430	7,328	64	446,429	7,428	65	462,644	7,697	67
	115	10DEG	18	18	9	9	157,372	6,253	54	165,409	6,572	57	175,772	6,984	61	178,167	7,079	62	184,638	7,336	64
		15DEG	32	32	16	16	58,594	6,583	79	61,033	6,857	83	63,558	7,059	85	63,558	7,141	86	67,753	7,612	92
		20DEG	39	39	20	20	40,144	6,539	79	41,816	6,812	82	43,047	7,012	84	43,546	7,093	85	46,419	7,562	91
		30DEG	61	61	33	33	16,271	6,451	78	16,948	6,720	81	17,448	6,918	83	17,650	6,998	84	18,814	7,460	90
		40DEG	78	78	47	47	9,456	6,347	76	9,850	6,611	80	10,140	6,806	82	10,258	6,884	83	10,935	7,339	88
		50DEG	90	90	56	56	6,851	6,302	76	7,136	6,564	79	7,347	6,757	81	7,432	6,836	82	7,922	7,287	88
		70DEG	111	111	77	77	4,169	6,108	74	4,343	6,362	77	4,471	6,549	79	4,523	6,625	80	4,821	7,062	85
		100DEG	127	127	94	94	2,792	5,548	67	2,908	5,779	70	2,994	5,949	72	3,029	6,018	73	3,229	6,415	77
		15Vx60H	95	34	66	16	16,843	6,731	81	17,545	7,012	84	18,062	7,218	87	18,271	7,302	88	19,476	7,784	94
		30Vx60H	98	61	66	33	9,287	6,498	78	9,673	6,769	82	9,958	6,968	84	10,073	7,049	85	10,738	7,514	91
		60Vx15H	33	93	16	65	17,462	6,299	76	18,190	6,562	79	18,725	6,755	81	18,942	6,833	82	20,192	7,284	88
P2	83	60Vx30H	62	100	34	68	8,831	6,208	75	9,199	6,467	78	9,470	6,657	80	9,579	6,735	81	10,212	7,179	86
		15DEG	32	32	16	16	71,659	8,051	70	74,643	8,386	73	76,841	8,633	75	77,731	8,733	76	82,861	9,309	81
		20DEG	39	39	20	20	49,096	7,998	70	51,140	8,330	72	52,646	8,576	75	53,256	8,675	75	56,770	9,248	80
		30DEG	61	61	33	33	19,899	7,890	69	20,728	8,219	71	21,338	8,461	74	21,585	8,559	74	23,010	9,123	79
		40DEG	78	78	47	47	11,565	7,762	67	12,047	8,085	70	12,401	8,323	72	12,545	8,420	73	13,373	8,975	78
		50DEG	90	90	56	56	8,379	7,707	67	8,728	8,028	70	8,985	8,264	72	9,089	8,360	73	9,689	8,912	77
		70DEG	111	111	77	77	5,099	7,469	65	5,311	7,780	68	5,468	8,010	70	5,531	8,102	70	5,896	8,637	75
		100DEG	127	127	94	94	3,415	6,785	59	3,557	7,068	61	3,662	7,276	63	3,704	7,360	64	3,949	7,846	68
		15Vx60H	95	34	66	16	20,599	8,232	72	21,457	8,575	75	22,089	8,828	77	22,345	8,930	78	23,819	9,519	83
		30Vx60H	98	61	66	33	11,357	7,948	69	11,830	8,278	72	12,176	8,522	74	12,320	8,621	75	13,133	9,190	80
		60Vx15H	33	93	16	65	21,356	7,704	67	22,246	8,025	70	22,901	8,261	72	23,166	8,357	73	24,695	8,908	77
		60Vx30H	62	100	34	68	10,800	7,593	66	11,250	7,909	69	11,581	8,142	71	11,715	8,236	72	12,489	8,780	76
	115	15DEG	32	32	16	16	58,594	6,583	79	61,033	6,857	83	63,558	7,059	85	63,558	7,141	86	67,753	7,612	92
		20DEG	39	39	20	20	40,144	6,539	79	41,816	6,812	82	43,047	7,012	84	43,546	7,093	85	46,419	7,562	91
		30DEG	61	61	33	33	16,271	6,451	78	16,948	6,720	81	17,448	6,918	83	17,650	6,998	84	18,814	7,460	90
		40DEG	78	78	47	47	9,456	6,347	76	9,850	6,611	80	10,140	6,806	82	10,258	6,884	83	10,935	7,339	88
P3	115	50DEG	90	90	56	56	8,379	7,707	67	8,728	8,028	70	8,985	8,264	72	9,089	8,360	73	9,689	8,912	77
		70DEG	111	111	77	77	5,099	7,469	65	5,311	7,780	68	5,468	8,010	70	5,531	8,102	70	5,896	8,637	75
		100DEG	127	127	94	94	3,415	6,785	59	3,557	7,068	61	3,662	7,276	63	3,704	7,360	64	3,949	7,846	68
		15Vx60H	95	34	66	16	20,599	8,232	72	21,457	8,575	75	22,089	8,828	77	22,345	8,930	78	23,819	9,519	83
		30Vx60H	98	61	66	33	11,357	7,948	69	11,830	8,278	72	12,176	8,522	74	12,320	8,621	75	13,133	9,190	80
		60Vx15H	33	93	16	65	21,356	7,704	67	22,246	8,025	70	22,901	8,261	72	23,166	8,357	73	24,695	8,908	77
		60Vx30H	62	100	34	68	10,800	7,593	66	11,250	7,909	69	11,581	8,142	71	11,715	8,236	72	12,489	8,780	76
		15DEG	32	32	16	16	58,594	6,583	79	61,033	6,857	83	63,558	7,059	85	63,558	7,141	86	67,753	7,612	92
		20DEG	39	39	20	20	40,144	6,539	79	41,816	6,812	82	43,047	7,012	84	43,546	7,093	85	46,419	7,562	91
		30DEG	61	61	33	33	16,271	6,451	78	16,948	6,720	81	17,448	6,918	83	17,650	6,998	84	18,814	7,460	90
		40DEG	78	78	47	47	9,456	6,347	76	9,850	6,611	80	10,140	6,806	82	10,258	6,884	83	10,935	7,339	88
	83	50DEG	90	90	56	56	8,379	7,707	67	8,728	8,028	70	8,985	8,264	72	9,089	8,360	73	9,689	8,912	77
		70DEG	111	111	77	77	5,099	7,469	65	5,311	7,780	68	5,468	8,010	70	5,531	8,102	70	5,896	8,637	75
		100DEG	127	127	94	94	3,415	6,785	59	3,557	7,068	61	3,662	7,276	63	3,704	7,360	64	3,949	7,846	68
		15Vx60H	95	34	66	16	20,599	8,232	72	21,457	8,575	75	22,089	8,828	77	22,345	8,930	78	23,819	9,519	83

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle		AMBLW		
			°H	°V	°H	°V	Max CD	Lumens	LPW
P1	50	10DEG	18	18	9	9	31,093	1,235	25
		15DEG	32	32	16	16	9,547	1,073	21
		20DEG	39	39	20	20	6,541	1,066	21
		30DEG	61	61	33	33	2,651	1,051	21
		40DEG	78	78	47	47	1,541	1,034	21
		50DEG	90	90	56	56	1,116	1,027	21
		70DEG	111	111	77	77	679	995	20
		100DEG	131	131	100	100	368	837	17
		15Vx60H	95	34	66	16	2,744	1,097	22
		30Vx60H	98	61	66	33	1,513	1,059	21
		60Vx15H	33	93	16	65	2,845	1,026	21
60Vx30H	62	100	34	68	1,439	1,012	20		

ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
Static White P1 6Deg & 10Deg	1700	88	0.73	0.42	0.37	0.33
Static White P2 6Deg & 10Deg	2200	115	0.96	0.58	0.5	0.44
Static White P1 15+Deg	700	64	0.54	0.31	0.28	0.25
Static White P2 15+Deg	920	85	0.71	0.41	0.36	0.32
Static White P3 15+Deg	1220	114	0.95	0.54	0.47	0.41
Amber P1 15+Deg	700	52	0.43	0.25	0.22	0.19

LUMEN AMBIENT TEMPERATURE (LAT) MULTIPLIERS

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Static White - 6&10Deg Lumen Multiplier	Static White - ≥15Deg Lumen Multiplier	Amber Lumen Multiplier
0°C	32°F	1.06	1.03	1.21
10°C	50°F	1.04	1.02	1.11
20°C	68°F	1.01	1.01	1.04
25°C	77°F	1.00	1.00	1.00
30°C	86°F	0.99	0.99	0.97
40°C	104°F	0.96	0.97	0.93

CRI Scaling Chart	
90CRI	0.87

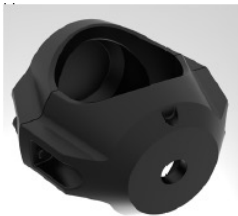
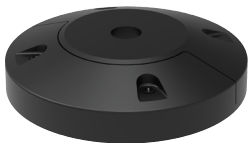
Optical Scaling Charts*	
Symmetric Distributions (6DEG - 70DEG)	
GS	0.96
FGS	0.95
IHL	0.76
L1	0.95
L2	0.95
L3	0.97
WRG	0.81

*Wider distributions will have a lower scaling factor - see individual IES files for full details

Asymmetric Distributions (xxVXxxH)	
GS	0.93*
FGS	0.85*
IHL	0.35
L1	0.88
L2	0.86
L3	0.95
WRG	0.71

Note: This table can be used to approximate the lumen values with different accessories. Please see IES files for exact lumen outputs.

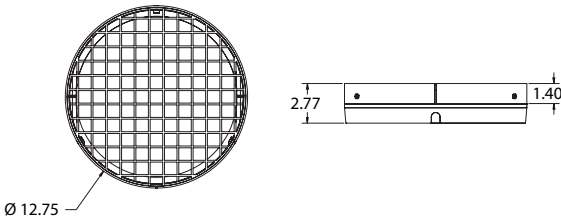
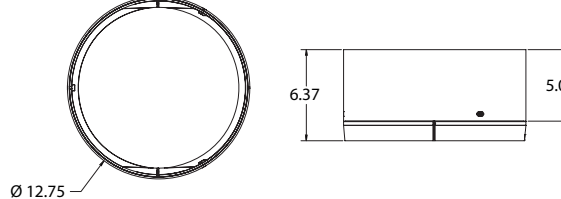
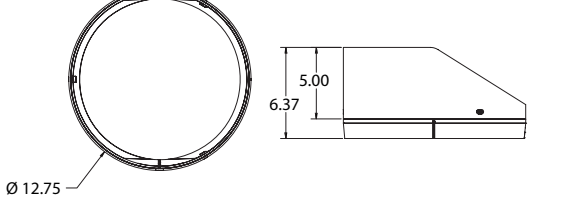
SAF MOUNTING ACCESSORIES

		Part #
	ADPMR/ADPMS Architectural Decorative Pole Mount Round or Square - Architectural opulent design for seamless pole integration and fixture aiming - Intended for 4" round and tapered poles or minimum 4" square poles - Mounting location on the top of each arm accepts one lighting fixture	Examples: ADPMR 78C BL See spec sheet for more options
	- AMPC Architectural Mid Pole Clamp - Clamp pole mount design for quick install and fixture aiming - Intended for 4" or 6" round straight pole - Mount one or two fixtures - Mounting location mid pole	Example: AMPC4/1 78C BL See spec sheet for more options
	APAR/APAS Architectural Pole Arm Round or Square - Intended for 4" round and tapered poles or minimum 4" square poles - Mounting location on the top of each arm accepts one lighting fixture	Example: APAS XLSC BRS See spec sheet for more options
	AWSC Architectural Wall Splice Cover - Designed to be mounted over a recessed wall box or can be surface mounted for direct conduit entrance - Supplied with an integral splice access compartment for easy fixture connections	Example: AWSC 78C DNA See spec sheet for more options
	CAJB Cylindrical Architectural Junction Box - Designed for architectural and landscape applications - Recommended for mounting on a rigid metallic conduit	Example: CAJB 34B XLSC DBL See spec sheet for more options
	CJB Cylindrical Junction Box - Drilled and tapped to 3/4" NPT specifications - For larger hole sizes, consult factory - Recommended to seal conduit to maintain dry components	Example: CJB 34S XLSC VET See spec sheet for more options

SAF MOUNTING ACCESSORIES

		Part #
	CPM Cylindrical Pedestal Mount - Suitable for architectural and landscape applications - Provided with front access cover for easy wiring and installation.	Example: CPM 78C BL See spec sheet for more options
	CPMSA Cylindrical Pole Mount Splice Access - Provided with splice compartment - Designed to mount onto a 2-3/8" tenon	Example: CPMSA 78C DBL See spec sheet for more options
	CSM Cylindrical Stanchion Mount - Available in heights from 12" to 48" in 6" increments - Provided with front access cover for easy wiring and installation.	Example: CSM12 XLSC BRT See spec sheet for more options
	CWMA T Cylindrical Wall Mount Arm Top - Available in lengths from 12" to 48" in 6" increments - Supplied with splice cover for easy wiring and installation - End mounting only available with SAF7	Example: CWMA30T 78C BL CWMA12T XLSC BRS See spec sheet for more options

EXTERNAL ACCESSORIES

Part #		
	WRG- Wire Rock Guard 	Example: WRGSAF14 BL
	FGS- Full Glare Shield 	Example: FGSSAF14 DDB
	GS- Glare Shield 	Example: GSSAF14 BL

NLIGHT AIR WIRELESS

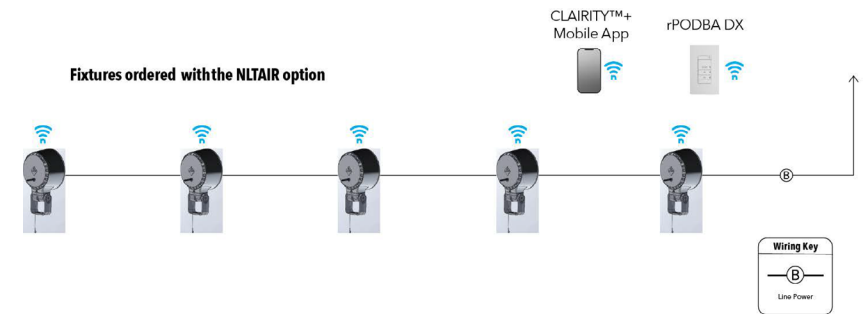
nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

nLight AIR Control Accessories

Order as separate catalog number. Visit [nLight AIR](#)

Wall Switches	Model Number
On/Off single pole	rPODB (color) G2
On/Off two pole	rPODB 2P (color) G2
On/Off & raise/lower single pole	rPODB DX (color) G2
On/Off & raise/lower two pole	rPODB 2P DX (color) G2

Possibilities for nLight® AIR



FEATURES & SPECIFICATIONS

MATERIAL: Die cast copper-free aluminum (360) housing & doors with separate optical and driver compartments to ensure thermal isolation of the electronic drivers and LEDs.

LIGHT SOURCE: Proprietary PBCA LED technology with correlated color temperatures (CCT) of 2700K, 3000K, 3500K, 4000K or 5000K (>80 CRI). All within 3 MacAdam ellipses

VOLTAGE: MVOLT 120V-277V 50/60Hz and 347 volt

DISTRIBUTION: Available in 6DEG, 10DEG, 15DEG, 20DEG, 30DEG, 40DEG, 50DEG, 70DEG, 100DEG, 15Vx60H, 30Vx60H, 60Vx15H and 60Vx30H

LENS: Molded from heat strengthened borosilicate glass for superior clarity and strength.

MOUNTING: Adjustable knuckle is 1/2" NPT. Yoke mount is a 7/8" thru hole center and (2) 7/16" thru holes 2.2" on center. Aluminum knuckle, yoke, & stainless steel locking hardware with infinite aiming adjustment capabilities and a wide array of mounting accessories. Yoke mount luminaires are provided with 10'-50' at 5ft increments of 18 gauge/6 conductor ST cord for power supply and control. Knuckle mount luminaires are provided with 18" leads (18 gauge for power supply and 22 gauge for control).

GLARE CONTROL: External glare control options include full glare shields and half glare shields.

FINISH: Exterior parts are protected by a zinc-infused durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climates without cracking or peeling.

ELECTRICAL: MVOLT (120-277) LED Class 2 power supply. 50-115 watts, L83 lifetime ≥ 100,000 hours at 25°C. Power factor > 90%, THD < 20%. 6KV surge protection meets a minimum Category C low operation per ANSI/IEEE C62.41.2.

FEATURES: Taper lock knuckle and yoke for infinite aiming and an unparalleled locking ability.

EXTERNAL ACCESSORY: Impact resistant rock guard.

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/resources/buy-american for additional information.

LISTING: cCSAus, suitable for outdoor & wet location. IP68 rated.

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

Consult factory for details

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.