



LyteProfile 3" adjustable provides a balance of function with quality lighting to accentuate ambiance in the space. A robust and easy to install frame and versatile light engine makes this an ideal product for use in a wide variety of applications.

Complete luminaire = Frame + Engine / Trim + Accessories (optional)

Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____

Frame

example: 3SAS

Series	Installation	Voltage / Options
3S	☐	☐
3S Uniframe 3" square frame	N New Construction Non-IC	— Universal (120V/277V) EM Emergency (see pg 2 for details & limitations) ¹ IP Interact Pro ready (for 0-10V engine only) ²
	A AirSeal IC (1000lm max)	— Standard universal (120V/277V) S Shallow universal (120V/277V) ³
		LC Chicago plenum 3 347V (not compatible with ELV dimming) 3IP 347V with Interact Pro (for 0-10V engine only) ²

Engine / Trim

example: P3SA05940NSCLZ10U

Series	Style	Lumens	CRI	CCT	Beam
P3S	A	☐	9	☐	☐
P3S LyteProfile 3" square light engine/trim	A Adjustable accent	05 500lm 10 1000lm 15 1500lm ⁴	9 90CRI	27 2700K 30 3000K 35 3500K 40 4000K	NS Narrow Spot (13°) SP Spot (17°) NF Narrow Flood (21°) FL Flood (29°)
		10 1000lm		D2W 3000K-1800K ⁵	

Engine / Trim (continued)

Reflector	Flange	Dimming	Voltage	Plenum
☐	☐	☐	☐	☐
CL Specular clear CC Comfort clear CD Comfort clear diffuse WH White (matte)	— White (matte)	Z10 0-10V 1% L Lutron PEQ0 (Dim to 0.1%) ⁶	U Universal 120V/277V/347V 1 120V	— Standard depth S Shallow install light engine for shallow frame ³
BK Black (matte)	— White (matte) P Matching refelctor	E Electronic low voltage		

Accessories (order & install separately)

SWZDT	SpaceWise wireless controller with dwell time functionality (compatible with all 0-10V options, see SWZDT spec sheet)
SRAINT	InterAct Office Accessory (for use with Lightolier UniFrame 0-10V products)

(additional field-installable optics)

CA3NSSFR	12° Narrow Spot upper reflector
CA3SSFR	18° Spot upper reflector
CA3NFSFR	24° Narrow Flood upper reflector
CA3FLSFR	36° Flood upper reflector

- Emergency (EM) frame includes emergency battery with ceiling mounted test switch (no reflector mountable test switch). Requires above ceiling access. Ceiling mount test switch only (see page 2 for details and limitations).
- InterAct Pro (IP & 3IP) requires above ceiling access.
- Must order shallow IC frame (S), shallow engine / shallow trim (S) for complete shallow assembly. Shallow configurations available in 500lm and 1000lm only with ELV or 0-10V.
- The 1500lm (15) option is not available with standard AirSeal IC frame (3RA-).
- Dim to Warm (D2W) engines are for Non-IC (N) frames only.
- For use with Non-IC frame only.

P3SA LyteProfile 3"

Square adjustable accent

Frame-in-kits

New construction:

Galvanized stamped steel for dry or plaster ceilings. Preinstalled telescoping mounting bars from 13" to 24". For 4' distances, use 1/2" EMT, 1-1/2" x 1/2" U or C channel.

Max ceiling thickness is 2" (51 mm) including PoE frame 4.88" (124 mm) plenum depth for installation.

Patented install mounting frame:

- Pre-installed mounting bars for fast and tool-less installs into T-grid & hat channel ceilings.
- Close-cut aperture design eliminates possibility of gap between ceiling opening and reflector flange.
- Separate wiring compartment for wiring frame to building allows inspection prior to light engine install.
- Simple plug-and-play connection between frame and light engine from below ceiling.

Dimming

All configurations are FCC Class A unless otherwise specified.

- Advance 0-10V 1% (Z10)
- Lutron PEQO Hi-lume Premier 0.1% EcoSystem
- Electronic low voltage (ELV) - Remodel and AirSeal IC Shallow are FCC Class B
- Dim to Warm (D2W) - option changes CCT from 3000K to 1800K gradually as it dims

Optical systems

Quality of light: 3 SDCM ensures color consistency from fixture to fixture and over the luminaire's long lifetime.

Construction: Precision formed high grade aluminum reflectors with options for anodized or painted finishes.

Light Engine

- Predicted 70% lumen maintenance to 57,000 hrs.
- Max operating ambient temperature of 30°C.

Adjustability

- 40° vertical tilt, mechanical aiming
- 360° rotation

SpaceWiseDT (SWZDT)

- Remote mounted and centralized SWZDT module accessory controls multiple luminaires.
- Compatible with any 0-10v driver
- 120-347V mains input voltage
- Up to 730VA load at 120V

Interact Office (SRAINT)

- Provides Interact Office functionality either remotely to a group of luminaires, or to individual luminaires
- Compatible with any 0-10v driver
- 120-347V mains input voltage

Interact Pro (IP)

- Requires above ceiling access for service.
- Interact Pro brings the power of connected lighting to small and medium businesses without the complexity usually associated with connected lighting.
- Interact Pro includes an app, a portal and a broad portfolio of wireless luminaires, lamps and retrofit kits all working on the same system.
- Commissioning via Interact Pro App (Android or iPhone).
- Prepare commissioning remotely via Interact Pro portal.
- Requires compatible Interact Pro Gateway and internet connectivity for commissioning.
- Compatible with UID8451/10 ZigBee Greenpower wireless dimmer switch.
- Compatible with wireless Occ sensor (OCC SENSOR IA CM IP42 WH 10/1) or wireless Day/Occ sensor (OCC MULTI SENSOR IA CM WH 10/1).
- For more information on Interact Pro visit: www.interact-lighting.com/pro.
- For more information on Interact Ready visit: www.philips.com/interact-ready.

Labels and listings

- cULus listed for damp locations
- CCEA (frames with *LC suffix)

Warranty



5 year limited warranty
Visit Signify.com/warranties for more information on Signify's standard 5-year limited warranty on complete luminaire systems.

0-10V electrical tables

Light engine	Input volts	Input current	Drive current	Input power
P3RDL05_Z10U	120 V	0.06 A	150 mA	7.0 W
	277 V	0.02 A		
P3RDL10_Z10U	120 V	0.00 A	250 mA	0.0 W
	277 V	0.00 A		
P3RDL109D2WZ10U	120 V	0.12 A	330 mA	13.6 W
	277 V	0.05 A		
P3RDL15_Z10U	120 V	0.13 A	380 mA	15.6 W
	277 V	0.06 A		
P3RDL07_Z10US P3RDL07_Z10UR	120 V	0.08 A	220 mA	9.4 W
	277 V	0.03 A		
P3RDL10_Z10US P3RDL10_Z10UR	120 V	0.12 A	330 mA	14.1 W
	277 V	0.05 A		

ELV electrical tables

Light engine	Input volts	Input current	Drive current	Input power
P3RDL05_E1	120 V	0.05 A	150 mA	5.4 W
	277 V	0.02 A		
P3RDL10_E1	120 V	0.00 A	250 mA	0.0 W
	277 V	0.00 A		
P3RDL109D2WE1	120 V	0.11 A	330 mA	13.1 W
	277 V	0.05 A		
P3RDL15_E1	120 V	0.11 A	350 mA	12.7 W
	277 V	0.05 A		
P3RDL07_E1S P3RDL07_E1R	120 V	0.08 A	220 mA	8.7 W
	277 V	0.03 A		
P3RDL10_E1S P3RDL10_E1R	120 V	0.11 A	330 mA	13.2 W
	277 V	0.05 A		

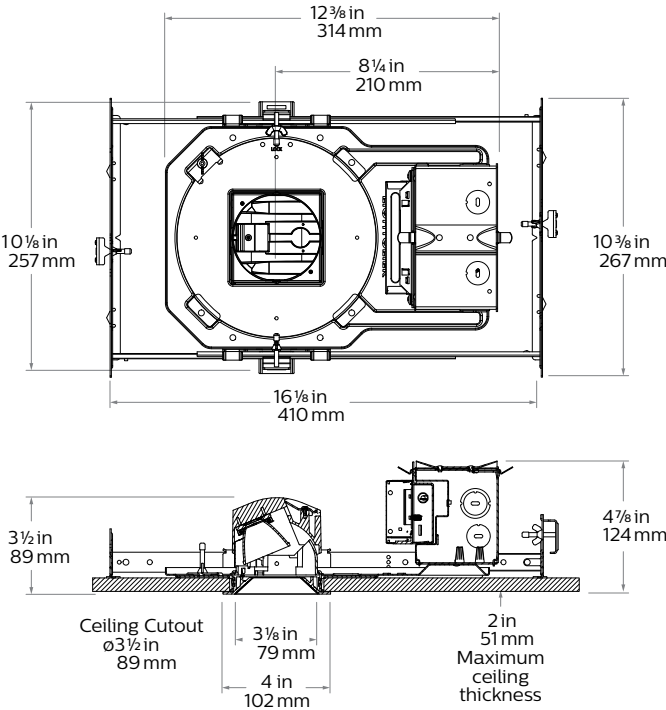
Lutron electrical tables

Light engine	Input volts	Input current	Drive current	Input power
P3RDL05_LU	120 V	0.06 A	150 mA	6.2 W
	277 V	0.02 A		
P3RDL10_LU	120 V	0.12 A	250 mA	13.0 W
	277 V	0.05 A		
P3RDL109D2WLU	120 V	0.12 A	330 mA	13.0 W
	277 V	0.05 A		
P3RDL15_LU	120 V	0.13 A	380 mA	15.0 W
	277 V	0.05 A		

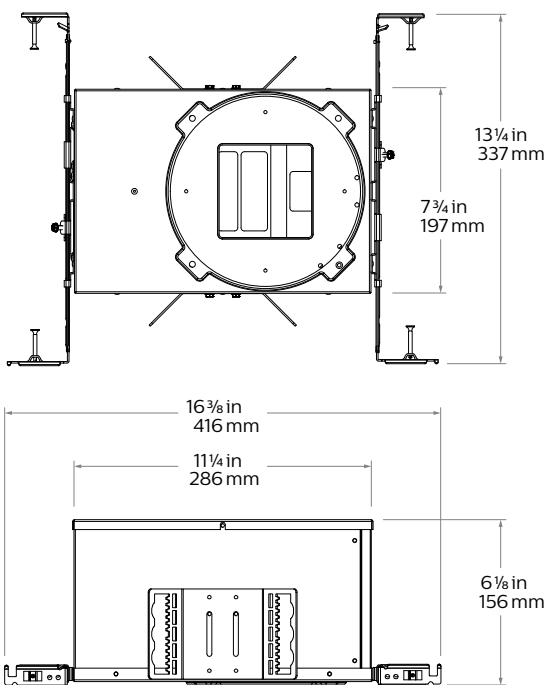
P3SA LyteProfile 3"

Square adjustable accent

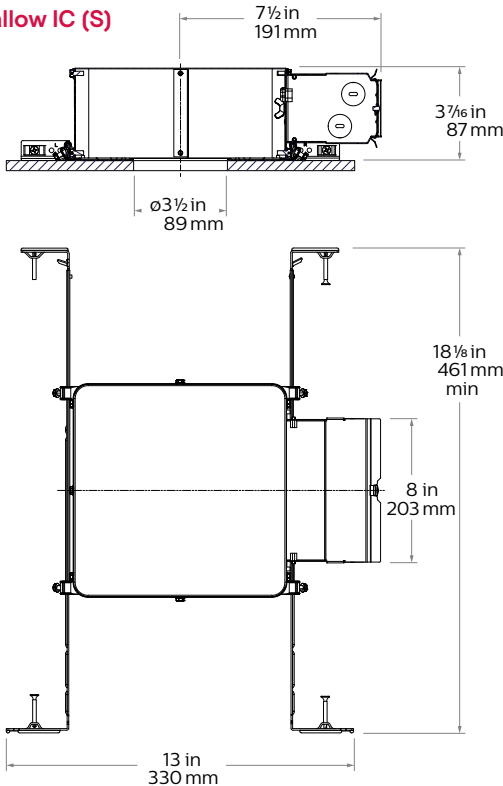
New construction (N)



Standard IC (A) and Chicago plenum (LC)



Shallow IC (S)



P3SA LyteProfile 3"

Square adjustable accent

Polished Reflectors Shown as round reflectors but represent the finish of LyteProfile square reflectors.



Specular clear (CL): Most specular and most efficient finish, delivers maximum photometric performance but can produce a mirror image effect of the interior space.



White (WH): (matte) Brightest illuminated aperture and provides the smoothest transition to most ceilings when off (white is only available with a white flange).



Comfort clear (CC): Semi-specular finish that softens the light at the source of the reflector and creates a subtle, even luminance from the reflector cone.



Black (BK): (anodized) Specular finish that provides the lowest aperture brightness possible and significantly reduces source identification in a ceiling.



Comfort clear diffuse (CD): Slightly diffuse clear finish, that eliminates iridescence and reduces the mirror image effect inherent with specular finishes.

Flanges



White (-): (matte) Provides the smoothest transition to ceilings when off.



Polished (P): (matches aperture) Produces a continuous look throughout the reflector (aperture matching).

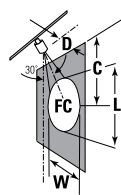
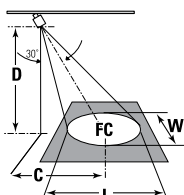
P3SA LyteProfile 3"

Square adjustable accent

Aiming angles

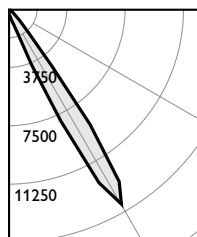
L and W are the outer points where the candle power drops to 50% of the maximum. FC are the initial footcandles at the center of the beam. Data shown is for 3000K, use the table on the right for CRI/CCT adjustment factors.

FC Footcandles
L Beam length
W Beam Width
D Distance
A Aiming Angle
C Distance to center beam
CBCP Center Beam Candlepower



Adjustment factors

Standard	Shallow 1" Regress	CCT (90CRI)	Lumens
CL = 105%	WT = 112%	4000K = 107%	1500lm = 130%
CC = 100%	D = 100%	3500K = 100%	1000lm = 100%
CD = 80%	BZ = 77%	3000K = 93%	500lm = 50%
WH = 80%	BT = 74%	2700K = 87%	
CZ = 78%			
BK = 40%			



Frame: 3SN
Engine: P3SA10935NSCCZ10U

Output lumens: 1088 lms
Input watts: 15.6 W
CRI: 90 min
CCT: 3500 K
CBCP: 14515 cd
Beam Angle: 12°

Efficacy: 69.7lm/w
Report²: F411901

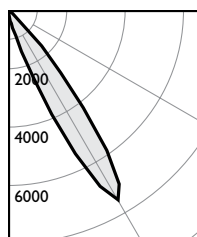
Narrow Spot, 1000lm engine, 70 lm/W at 16W

30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
6	3.5	262	1.7	1.5
8	4.6	147	2.3	1.9
10	5.8	94	2.8	2.4
12	6.9	65	3.4	2.9

30° Vertical Aiming

Distance		Beam		
D	C	F.C.	L	W
2	3.5	454	1.7	0.8
3	5.2	202	2.6	1.3
4	6.9	113	3.5	1.7
5	8.7	73	4.3	2.1



Frame: 3SN
Engine: P3SA10935SPCCZ10U

Output lumens: 993 lms
Input watts: 15.6 W
CRI: 90 min
CCT: 3500 K
CBCP: 7492 cd
Beam Angle: 16°

Efficacy: 63.7lm/w
Report²: F041192

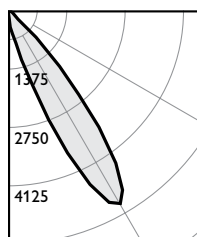
Spot, 1000lm engine, 64 lm/W at 16W

30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
6	3.5	135	2.3	1.9
8	4.6	76	3.0	2.6
10	5.8	49	3.8	3.2
12	6.9	34	4.5	3.9

30° Vertical Aiming

Distance		Beam		
D	C	F.C.	L	W
2	3.5	234	2.4	1.1
3	5.2	104	3.6	1.7
4	6.9	59	4.8	2.2
5	8.7	37	6.0	2.8



Frame: 3SN
Engine: P3SA10935NFCCZ10U

Output lumens: 925 lms
Input watts: 15.6 W
CRI: 90 min
CCT: 3500 K
CBCP: 5257 cd
Beam Angle: 20°

Efficacy: 59.3lm/w
Report²: F0411941

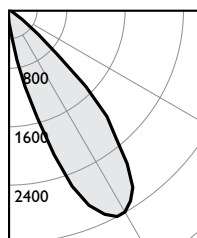
Narrow Flood, 1000lm engine, 59 lm/W at 16W

30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
6	3.5	95	2.9	2.4
8	4.6	53	3.8	3.3
10	5.8	34	4.8	4.1
12	6.9	24	5.7	4.9

30° Vertical Aiming

Distance		Beam		
D	C	F.C.	L	W
2	3.5	164	3.1	1.4
3	5.2	73	4.7	2.1
4	6.9	41	6.2	2.8
5	8.7	26	7.8	3.5



Frame: 3SN
Engine: P3SA10935FLCCZ10U

Output lumens: 954 lms
Input watts: 15.6 W
CRI: 90 min
CCT: 3500 K
CBCP: 3200 cd
Beam Angle: 29°

Efficacy: 65.6lm/w
Report²: F041196

Flood, 1000lm engine, 61 lm/W at 16W

30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
6	3.5	58	4.2	3.6
8	4.6	32	5.6	4.8
10	5.8	21	7.1	6.0
12	6.9	14	8.5	7.2

30° Vertical Aiming

Distance		Beam		
D	C	F.C.	L	W
2	3.5	100	5.2	2.1
3	5.2	44	7.8	3.1
4	6.9	25	10.4	4.1
5	8.7	16	12.9	5.2

1. Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSI C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.
2. Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.

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