

SHALLOW PRIMO SERIES

PRS

FEATURES:

- Intended for Patient Rooms, Exam Rooms, Recovery Areas, Skilled Nursing, and more
- Recommended to be used in pairs adjacent to the patient bed. Sold individually.
- Provides ambient, exam, reading and night light illumination
- Grid installation standard with an optional Flange Kit
- Four inch depth minimizes interference with systems within ceiling plenum
- This product is Made in America and complies with the Buy American Act (BAA) requirements



RELATED PRODUCTS:

- [Primo \(PR4\)](#)
- [ComPro \(CPP\)](#)
- [SPD Pair 1x4 \(SPD14\)](#)



SPECIFICATIONS

CONSTRUCTION: Fabricated 20 gauge formed cold steel housing with continuous seam welds. Aluminum and stainless steel options available. Note, the PRS does not have a frame and outer lens - please refer to the Primo (PR) for that option.

LENS: Extruded white polycarbonate lens for maximum diffusion. Unique clip design allows for tool-free lens removal to access LED boards and drivers from room-side.

LED: Ambient, Exam and Reading functions are available in four color temperatures 3000K, 3500K, 4000K and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Ambient light levels work in conjunction with reading function. Exam light levels work in conjunction with ambient function. Minimum 80 CRI standard with optional minimum 90 CRI available. Note, specified color temperature and CRI will be for all functions.

ELECTRICAL: 0-10V dimming available with 10-100% range and 1-100% range on Ambient and Reading functions. Must specify dimming under options. Optional step dimming, Lutron Hi-Lumen EcoSystem and Curbell Low Voltage Controller to achieve dimming and control of illumination levels. If ordered without a control, all functions will be on independent line voltage circuits. Optional Curbell Low Voltage Controllers provide lighting control interface to a pillow speaker, bed side rail or other low voltage devices. Low voltage controller controls Ambient and Reading functions. Exam and night light functions are provided on an independent line voltage circuit unless otherwise specified. One low voltage controller per pair is recommended. Leads are factory labeled for field installation. Controls and additional accessories by others. Refer to page 3 for additional information.

FINISH: Matte white antimicrobial powder coat finish following multistage iron phosphate pre-treatment. Stainless steel brushed fixtures are brushed on all exposed room-side surfaces.

INSTALLATION: Grid installation. Tabs on back of housing can be used for additional structural support.

WARRANTY: Limited five (5) year warranty.

LABEL: Fixture is certified to UL standards by Intertek Testing Laboratories for Damp Location and non-IC installations (thermal protector included).

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ORDERING INFORMATION

EXAMPLE: PRSG4-HC20-F2LW40-RW-12-LVD-DM

SERIES*	MOUNTING	SIZE*	HOUSING	FUNCTION	LUMEN OUTPUT*	COLOR TEMP.
PRS	G	4				

Sold individually. Recommended to be used in pairs	G = Grid	4 = 4ft	HC20 = 20Ga. CRS Painted HS20 = 20Ga. SS Brushed HP20 = 20Ga. SS Painted HA16 = 16Ga. Alum. Painted	F1 = Ambient F2 = Ambient & Exam F3 = Reading, Ambient & Exam	LW = Low HG = High CL = Custom Lumen Output**	30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K
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*Nominal Size

*Portion of inner LED boards are used for reading function unless SD3 is specified. SD3 illuminates all LED boards.

*Subject to change. Performance Data on page 3. Light levels are achieved when functions are used in conjunction with one another. Data is for one unit.

** Must be specified at time of quote. Must not exceed fixture maximum output. Must specify "DM1" if selecting dimming.

DIFFUSER	VOLTAGE	CONTROL	OPTIONS	ACCESSORY
RW				

RW = White Poly.	12 = 120V 27 = 277V UN = Universal (120V-277V)	Blank = Functions on independent circuits SD2 = 2 Function Step Dimming (50-100%)* SD3 = 3 Function Step Dimming (30-70-100%)* LT1 = Lutron Hi-Lume EcoSystem 1% Dimming** LV3 = Independent Load Dimming LVC*** LVD = Multi-load Dimming LVC***	DM = 0-10V dimming with 10-100% range* DM1 = 0-10V dimming with 1-100% range* FZ1 = Fuse (120V) FZ2 = Fuse (277V) 90C = 90 CRI LN = Non-dimming LED night light (3500K)** LNA = Non-dimming amber LED night light	FK = Flange Conversion Kit. Consult factory for details.
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*All LED boards will be illuminated and step dimmed at specified levels. Cannot be used with additional dimming or control system.

** Cannot be used with additional dimming or control systems.

***Click [here](#) for more information. Provides control of lighting from a pillow speaker, bedside rail or wall switch. Leads are factory labeled.

*N/A with SD2, SD3 or LT1

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PERFORMANCE DATA*

*Displayed information is with 80 CRI at 4000K. Data is for one unit only. LEDs are frequently updated therefore values may change without notice. If fixture is separately circuited or using the LV3, functions work in conjunction with one another to achieve light levels. SD2 and SD3 will illuminate all LED boards and will be step dimmed to achieve specified light levels.

MODEL	CONTROL SYSTEM	OUTPUT	FUNCTION	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
F1 = Ambient	Separately Circuited/ LV3/LVD	LW = Low	Ambient	4800	96	50
		HG = High		7600	101	75
F2 = Ambient + Exam	Separately Circuited or LV3 = Independent Load Dimming Low Voltage Controller	LW = Low	Ambient (Load 1)	3000	120	25
			Exam (Load 1 + Load 2)	7600	101	75
		HG = High	Ambient (Load 1)	4800	96	50
			Exam (Load 1 + Load 2)	7600	101	75
	SD2 = Step Dimming (50-100%)	LW = Low	Ambient (50%)	2400	96	25
			Exam (100%)	4800	96	50
		HG = High	Ambient (50%)	3800	100	38
			Exam (100%)	7600	101	75
	LVD = Multi-load Dimming Low Voltage Controller	LW = Low	Ambient (Load 1)	3000	120	25
			Exam (Load 2)	7600	101	75
		HG = High	Ambient (Load 1)	4800	96	50
			Exam (Load 2)	7600	101	75
F3 = Reading, Ambient + Exam	Separately Circuited or LV3 = Independent Load Dimming Low Voltage Controller	LW = Low	Reading (Load 1)	750	107	7
			Ambient (Load 1 + Load 2)	3000	120	25
			Exam (Load 1 + Load 2 + Load 3)	7600	101	75
		HG = High	Reading (Load 1)	1200	92	13
			Ambient (Load 1 + Load 2)	4800	96	50
			Exam (Load 1 + Load 2 + Load 3)	7600	101	75
	SD3 = Step Dimming (30-70-100%)	LW = Low	Reading (30%)	1440	96	15
			Ambient (70%)	3300	94	35
			Exam (100%)	4800	96	50
		HG = High	Reading (30%)	2280	99	23
			Ambient (70%)	5320	100	53
			Exam (100%)	7600	101	75
	LVD = Multi-load Dimming Low Voltage Controller	LW = Low	Reading (Load 1)	750	107	7
			Ambient (Load 2)	3000	120	25
			Exam (Load 3 - all on)	7600	101	75
		HG = High	Reading (Load 1)	1200	92	13
Ambient (Load 2)			4800	96	50	
Exam (Load 3 - all on)			7600	101	75	

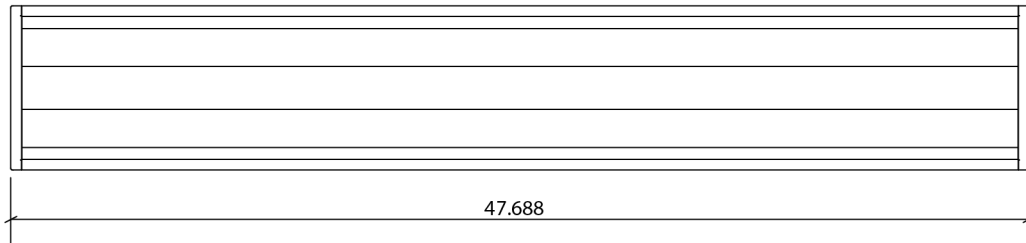
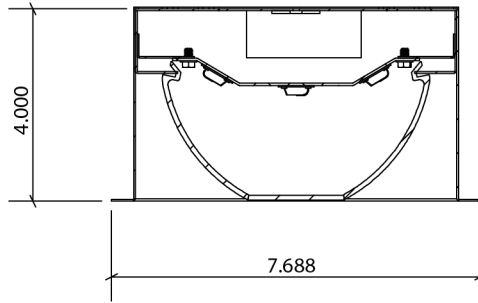
Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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DIMENSIONAL DATA*



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