



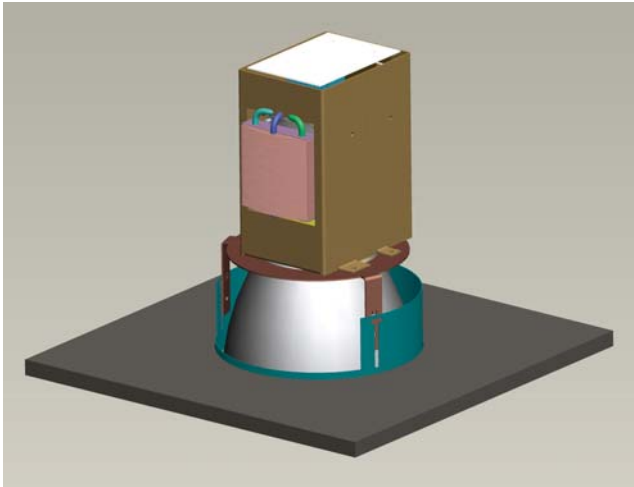
**PL House Light LED Luminaire**

A revolutionary break through in Theatrical and Entertainment House Lighting. Drawing on technology and specific insight, nurtured and developed with in the Philips Entertainment group the PL House Light LED Luminaire offers an RGBW 50,000 hour L70 replacement for 300 and 500 watt halogen house lights.

Being an RGBW LED luminaire the PL House light also aides in the overall lighting design of a production giving designers the control and flexibility to immerse the audience in color.

**Features**

- Fully tunable high output RGBW LED light engine supporting color temperatures from 3000K to 5600K and full color mixing with a maximum output similar to that of a 70 watt metal halide powered luminaire.
- High CRI is maintained down to very low light levels (>50 Lux) as the integral dimmer (0 to 100%) reduces intensity with minimal color shift maintaining the selected color balance
- Quick selection of Warm White, Cool White and Daylight color presets simplifies matching existing light sources
- Adjustable 14°-50° true white soft edge beam which can be shaped using the barn door accessory
- Defined maximum energy consumption with power presets - from 30 watts to full power
- LED light engine comprise a single chip with RGBW LEDs



**PL House Light LED Luminaire**

- Full color mixing for creative flexibility in lighting your display - PL House Light LED luminaire features a broad color gamut with precise color mixing controls
- No ultra-violet (wavelengths of less than 400nm) - for UV - A, B or C or the Infrared spectrum (wavelengths of more than 775nm) are emitted by PL House Light LED luminaires
- Available wireless DMX512 receiver compatible with Wireless Solution W-DMX and Lumen Radio transmitters
- Advanced model features LED system status, power settings, fan control, and a time log to show hours in use
- Electronic power supply; ETL / cETL approved and CE marked



**PRELIMINARY**

SPECIFICATION SUBMITTAL

CONSULTANT: <input type="text"/>	PROJECT NAME: <input type="text"/>	MODEL NUMBER   QUANTITY: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
DATE: <input type="text"/>	PROJECT NUMBER: <input type="text"/>	APPROVED BY: <input type="text"/>



**Photometrics** *(preliminary - subject to change)*

**Wide - 50° Field Angle**

	(Metres)				(Feet)			
Beam Diameter	2.0	4.0	6.0	8.0	6.0	12.0	19.9	24.9
Throw Distance	2.0	4.0	6.0	8.0	6.0	12.0	20.0	25.0
Central Illumination	(Lux)				(Footcandles)			
Warm White (3,200K)	977	244	109	61	94	23	8	5
Cool White (4,000K)	1166	291	130	73	112	28	10	6
Daylight (5,600K)	1271	318	141	79	122	30	11	7

**Medium - 33° Field Angle**

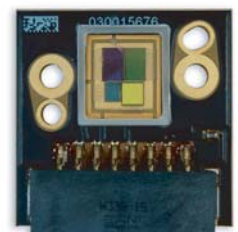
	(Metres)				(Feet)			
Beam Diameter	1.8	3.6	4.7	5.9	5.3	10.7	14.2	17.8
Throw Distance	3.0	6.0	8.0	10.0	10.0	20.0	25.0	32.0
Central Illumination	(Lux)				(Footcandles)			
Warm White (3,200K)	1750	438	246	158	168	42	24	15
Cool White (4,000K)	2110	528	297	190	202	51	28	18
Daylight (5,600K)	2300	575	323	207	221	55	31	20

**Narrow - 14° Field Angle**

	(Metres)				(Feet)			
Beam Diameter	0.7	1.5	2.0	2.5	2.5	4.4	5.9	7.4
Throw Distance	3.0	6.0	8.0	10.0	10.0	20.0	25.0	32.0
Central Illumination	(Lux)				(Footcandles)			
Warm White (3,200K)	6060	1515	852	545	471	145	82	52
Cool White (4,000K)	7150	1788	1005	644	555	171	96	62
Daylight (5,600K)	7900	1975	1111	711	614	189	107	68

**PL House Light LED Engine**

PL House Light’s powerful LED engine offers exceptional performance and life. Under normal operating conditions our LED engine has a life expectancy in excess of 50,000 hours, however under worst case operating conditions with the luminaire set to continuous full output it is possible that a small percentage of LED’s may require replacement sooner. The Philips Selecon three-year limited warranty includes our guarantee against premature failure of the LED engine.



**PRELIMINARY**



**Technical Specifications**

Electrical Specifications		Mechanical Specifications	
Source:	True RGBW 120W LED chip	Construction:	Die cast aluminum and molded engineering grade plastic components
Output:	> 2,000 lumens (white light)	Lenses:	Precision coated aspheric lenses
Operating Voltages:	120 to 240 Volts AC (auto-ranging)		
Frequency:	50/60 Hz		
Current Draw	1.91 Amps (120V) / 0.95 Amps (240V)		
Ambient Temperature:	0° to 40°C		
Control:	On-board menu / DMX512 / Infrared Remote Control (depends on model)		
Standards Compliance:	ETL/cETL Listed and CE Marked		



**Ordering Information**

**Cat No.                      Description**

PL1HL	PL House Light LED Luminaire for New and Retrofit Installations
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**PRELIMINARY**

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**PRELIMINARY**

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