

## Intrinsic

Wall or Ceiling Mounted • Wet Location Listed PROGRESS LED



### Description:

Elevate your design vision with just the flip of a switch with our Intrinsic Surface Mount LED Collection. The simple, classic design of these light fixtures can easily be installed into a variety of style applications in both residential and commercial settings. We offer two different sizes of surface mounts, both coated in a crisp white finish, to meet your unique design needs. Each smooth trim ring surrounds an integrated LED light fixture ready to emit general ambient lighting wherever it calls home in your design plan.

### Specifications:

- Diffused polycarbonate lens
- Integrated AC LED technology 3000K, 90 CRI, 1000 lumens (delivered)
- Diffused polycarbonate lens controls direct glare from the LEDs
- Lumen output and distribution comparable to a 75W incandescent lamp
- Dimmable to 10% brightness with many Electronic Low Voltage (ELV) & Forward Phase (TRIAC) dimmers
- CSA Listed for Wet Location applications
- ENERGY STAR listed
- Meets California Title 24 - JA8 - 2019
- Fixture installs to 4" Octagon metallic junction boxes, 4" Round non-metallic junction boxes and 4" x 1/2" round ceiling pan junction box.
- Maximum 26 luminaires on a circuit (without dimmer).
- 50,000 hour rated lifetime
- Dimmable to 10% brightness (See Dimming Notes)
- Mounting strap for outlet box included
- 6 in of wire supplied

### Performance:

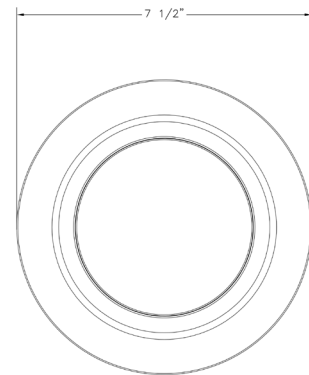
Number of Modules	1
Input Power	15.5 W
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW (Delivered)	1,000/64 (LM-79)
CCT	3000 K
CRI	90 CRI
Life (hours)	50000 (L70/TM-21)
EMI/RFI	FCC Title 47, Part 15, Class B
Min. Start Temp	-30 °C
Max. Operating Temp	30 °C
Warranty	5 year warranty
Labels	cCSAus Wet Location Listed
	ENERGY STAR® qualified
	Meets California Title 24 JA8-2019

# P810013-028-30



### Dimensions:

Diameter: 7-1/2 in  
 Height: 1-5/16 in



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**Photometrics:**

<b>ELECTRICAL DATA</b>	<b>P810013-028-30</b>
Input Voltage	120 V
Input Frequency	60 Hz
THD	>20%
EMI/RFI	FCC Title 47, Part 15, Class B
Operating Temperature	-30 °C to 30 °C
Dimming	Yes*
Over-voltage, over-current, short-circuit protected	
*See Dimming Notes for more information	

**P810013-028-30**  
 LED Light Engine: 3000 K 90 CRI  
 System Wattage: 15.5  
 Fixture delivered lumens: 1000  
 Fixture Efficacy: 64  
 Spacing Criteria: 1.25 | 1.28 | 1.30

**CANDELA DISTRIBUTION**

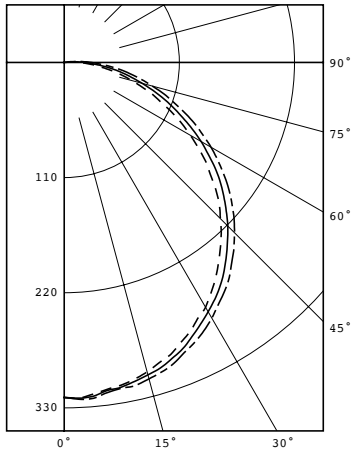
**CANDELA DISTRIBUTION**

**FLUX**

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%FIXT
0-30	251	25.2
0-40	413	41.5
0-60	740	74.4
0-90	986	99.1
90-120	9	0.9
90-130	9	0.9
90-150	9	0.9
90-180	9	0.9
0-180	995	100.0

	0.0	45.0	90.0	135.0	180.0	
<b>0</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	
<b>5</b>	<b>318</b>	<b>318</b>	<b>320</b>	<b>321</b>	<b>322</b>	<b>30</b>
<b>15</b>	<b>306</b>	<b>306</b>	<b>309</b>	<b>312</b>	<b>313</b>	<b>87</b>
<b>25</b>	<b>284</b>	<b>284</b>	<b>289</b>	<b>292</b>	<b>295</b>	<b>133</b>
<b>35</b>	<b>252</b>	<b>253</b>	<b>260</b>	<b>264</b>	<b>267</b>	<b>162</b>
<b>45</b>	<b>211</b>	<b>214</b>	<b>221</b>	<b>227</b>	<b>230</b>	<b>170</b>
<b>55</b>	<b>165</b>	<b>168</b>	<b>176</b>	<b>183</b>	<b>186</b>	<b>157</b>
<b>65</b>	<b>114</b>	<b>117</b>	<b>125</b>	<b>133</b>	<b>137</b>	<b>124</b>
<b>75</b>	<b>67</b>	<b>70</b>	<b>77</b>	<b>84</b>	<b>87</b>	<b>82</b>
<b>85</b>	<b>29</b>	<b>31</b>	<b>36</b>	<b>42</b>	<b>44</b>	<b>40</b>
<b>90</b>	<b>14</b>	<b>16</b>	<b>20</b>	<b>24</b>	<b>26</b>	
<b>95</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>9</b>	<b>10</b>	<b>9</b>
<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>135</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>145</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>155</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>165</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>180</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Test 19.01763 Test Date 10/03/19

**Dimming Notes:**

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P810013-028-30 is designed to be compatible with many Triac/Forward Phase or ELV/Reverse Phase controls.

The following is a partial list of known compatible dimmer controls.

**Dimming Controls:**

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IDevices IDEV009

Leviton 6681

Leviton 6672

Lutron NTEVL-300

Lutron DVELV-300P

Lutron SCL-153P

Lutron MACL-153M

Dimming capabilities will vary depending on the dimmer control, load, and circuit installation.

Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.

Dimmer control brand names where identified above are trade names or registered trademarks of each respective company.

# P810013-028-30