# PROFILE 1.6

designplan

datasheet

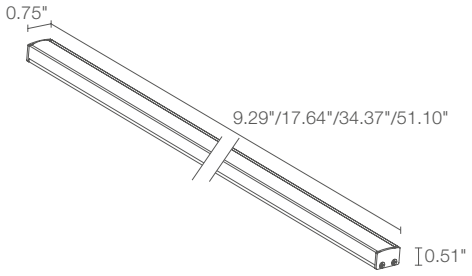
Profile is a family of linear profile fixtures that can be surface mounted using clips or brackets. It is available in white light with diffuse optics.

Intertek

## TECHNICAL DATA

| | |
|---|---|
| **Wattage / Input** | 5W, 9W, 17W, 22W (24VDC) |
| **Power Supply** | Remote, not included. See page 2. |
| **Construction** | Body: Anodized Aluminum Alloy EN AW 6060<br>Lens: Opal Polycarbonate |
| **CCT** | 2700K, 3000K, 4000K |
| **CRI** | >80 |
| **Delivered Lumens** | 255 lm (3000K, 9.29”)<br>510 lm (3000K, 17.64”)<br>1020 lm (3000K, 34.37”)<br>1530 lm (3000K, 51.10”) |
| **Efficacy** | 51 lm/W (3000K, 9.29”)<br>57 lm/W (3000K, 17.64”)<br>60 lm/W (3000K, 34.37”)<br>70 lm/W (3000K, 51.10”) |
| **Optics** | Diffuse |
| **Finishes** | N/A |
| **Fixture Dimensions** | 9.29”/17.64”/34.37”/51.10” l x 0.75” w x 0.51” h |
| **Fixture Weight** | 0.34 lbs/ft |
| **LED Source** | 30, 60, 120, 180 Mid-Power LEDs |
| **Lumen Maintenance** | L80, B10>50,000hrs (Ta 25°C) |
| **Color Consistency** | 3-Step MacAdam |
| **Operating Temp.** | 32°F to +113°F |
| **IP Rating** | IP40 |
| **IK Rating** | - |

Fixture Dimensions




## ORDERING INFORMATION

***Example: PF16015DA. Accessories / Power Supplies ordered separately.***

| PF160 | | | DA |
|---|---|---|---|
| **Model No.** | **Wattage / Length** | **CCT** | **Optics** |
| **PF160** | **0** - 5W / 9.29”<br>**1** - 9W / 17.64”<br>**2** - 17W / 34.37”<br>**3** - 22W / 51.10” | **F** - 2700K<br>**5** - 3000K<br>**9** - 4000K | **DA** - Diffuse |

*Job Name/Date:*

*Fixture Type Designation:*

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## SUGGESTED POWER SUPPLIES

24VDC

| Part Number | Description | Input/Output | # of Fixtures | | | |
|---|---|---|---|---|---|---|
| | | | 5W | 9W | 17W | 22W |
| PPLT00275 | Non-Dim | 120-277VAC to 24VDC, 12W, Class 2, IP66 | 1-1 | 1-1 | N/A | N/A |
| PPLT00632 | 0-10V Dimming (Dim to Off) | 120-277VAC to 24VDC, 12W, Class 2 | 1-1 | 1-1 | N/A | N/A |
| PPLT00481 | Non-Dim | 120-277VAC to 24VDC, 24W, Class 2 | 1-3 | 1-2 | 1-1 | N/A |
| PPLT00157 | Non-Dim | 120VAC to 24VDC, 60W, Class 2 | 1-9 | 1-5 | 1-2 | 1-2 |
| PPLT00599 | ELV / TRIAC & 0-10V Dimming (100 to 0%) | 120-277VAC to 24VDC, 96W, Class 2 | 1-15 | 1-8 | 1-4 | 1-3 |
| PPLT00543 | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2 | 2-16 | 2-8 | 1-4 | 1-3 |

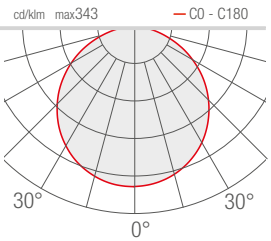
*For other power supply options consult factory.*

## PHOTOMETRIC DATA

*Note all Photometry is 3000K*

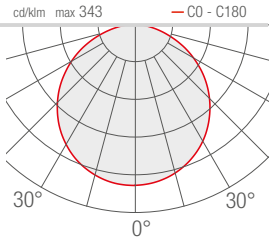
### D - Diffuse 9.29"

| H (ft) | Ø (ft) | fc max (3000K) |
|---|---|---|
| 1.64' | 5.15' | 32.52 |
| 3.28' | 10.30' | 8.18 |
| 4.92' | 15.45' | 3.62 |
| 6.56' | 20.60' | 2.04 |
| 8.20' | 25.75' | 1.30 |
| 9.84' | 30.91' | 0.93 |



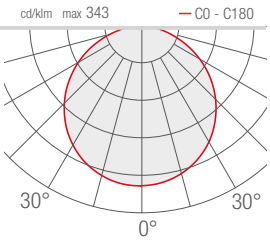

### D - Diffuse 17.64"

| H (ft) | Ø (ft) | fc max (3000K) |
|---|---|---|
| 1.64' | 5.15' | 65.03 |
| 3.28' | 10.30' | 16.26 |
| 4.92' | 15.45' | 7.25 |
| 6.56' | 20.60' | 4.09 |
| 8.20' | 25.75' | 2.60 |
| 9.84' | 30.91' | 1.77 |



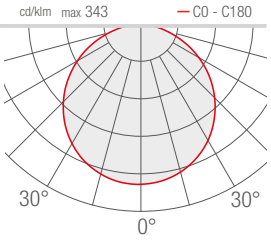

### D - Diffuse 34.37"

| H (ft) | Ø (ft) | fc max (3000K) |
|---|---|---|
| 1.64' | 5.15' | 130.06 |
| 3.28' | 10.30' | 32.52 |
| 4.92' | 15.45' | 14.49 |
| 6.56' | 20.60' | 8.18 |
| 8.20' | 25.75' | 5.20 |
| 9.84' | 30.91' | 3.62 |




### D - Diffuse 51.10"

| H (ft) | Ø (ft) | fc max (3000K) |
|---|---|---|
| 1.64' | 5.15' | 195.19 |
| 3.28' | 10.30' | 48.77 |
| 4.92' | 15.45' | 21.65 |
| 6.56' | 20.60' | 12.17 |
| 8.20' | 25.75' | 7.80 |
| 9.84' | 30.91' | 5.39 |

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