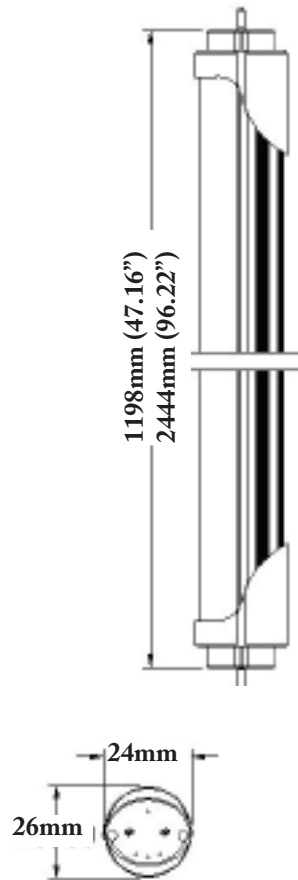


Product Overview



Dimensions



Project \_\_\_\_\_

Location \_\_\_\_\_

Part Number \_\_\_\_\_

Type \_\_\_\_\_

Qty \_\_\_\_\_

Notes \_\_\_\_\_

Features

**Optics:**

Clear or frosted lens, high transmitting PMMA with uniform illumination. 120 degree beam angle

**Electrical:**

Expected Life: LED light engines are rated at >50,000 hours at 25°C, L70. Lower energy consumption, saves an estimated 40-60% over fluorescent. Tube selection gives options of use with ballast or direct voltage. Rated at 100-277V.

**Mechanical:**

Each light comes equipt with a rugged aluminum housing. G13, FA8 or R17D bases available. IP40 rated.

**Standards**

Rated for -50°C ~ 50°C  
 CRI > 80  
 Power Factor: .95  
 DLC Certified  
 ETL Certified

**Applications:**

- Office
- Classroom
- Hallway
- Show floor

Package

	Dimensions	pcs/ctn	kg/ctn	20GP	40HQ
4ft	125*40*22cm	50	18	13,600pc	31,800pc
8ft	242.5*21*18.5cm	20	16	5,600pc	13,280pc

## Ordering Information

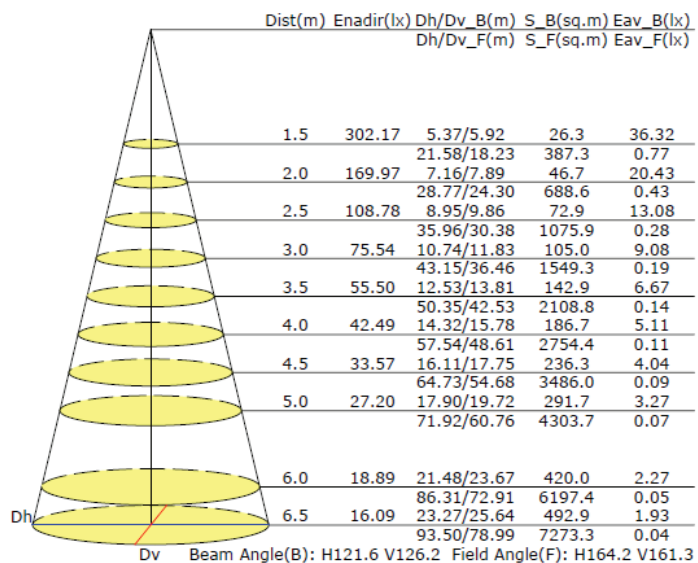
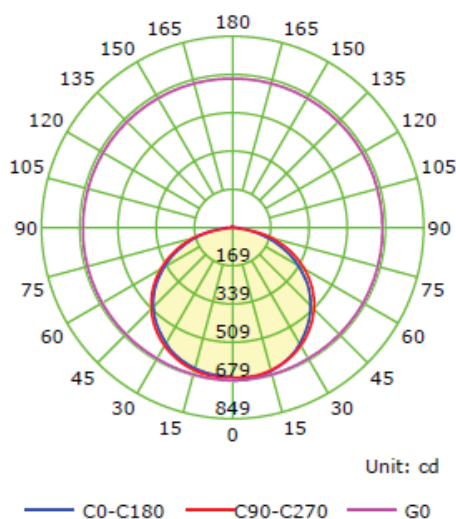
### Ordering Guide

Example: PN24-50-UNIV-13-4K-0/10-Non-WH-PD

Product Class	Wattage	Voltage	Tube Type	LED Color	Driver Dimming	Motion Light sensor	Lens	Options <small>Leave blank if none</small>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>TB4</b> 4ft T8 Tube	<b>B Type</b> 12	<b>UNIV</b> 110-277VAC	<b>A/B Type</b> Hybrid Ballast / no ballast  <b>B Type</b> No ballast-Direct voltage	<b>3K</b> 3000K  <b>4K</b> 4000K  <b>5K</b> 5000K  <b>6K</b> 6000K	<b>Non</b> Non Dimming Driver	<b>Non</b> No motion or light sensor  <b>ML</b> Motion / light sensing	<b>CL</b> Clear  <b>FR</b> Frosted	<b>G13</b> G13 Base  <b>R17D</b> R17D Base  <b>FA8</b> FA8 Base
<b>TB8</b> 8ft T8 Tube	<b>G13 Base</b> 18 22							
	<b>FA8 &amp; R17 base only</b> 36 48 60							
	<b>A/B Type</b> 12 15 18							
	<b>FA8 &amp; R17 base only</b> 36 40							

## Light Distribution

Luminous Intensity Distribution Curve



## Performance

Watts	Size	5000K CCT		LLD @ 25°C			
		Delivered Lumens	Efficacy (LPW)	50k Hours	75k Hours	100k Hours	
12	4ft	1,481	123	.82	.77	.70	
15	4ft	1,836	122	.82	.77	.70	
18	4ft	2,204	122	.82	.77	.70	
22	4ft	2,693	122	.82	.77	.70	
36	8ft	4,443	123	.82	.77	.70	
40	8ft	4,897	122	.82	.77	.70	
48	8ft	5,877	122	.82	.77	.70	
60	8ft	7,346	122	.82	.77	.70	

NOTE: Information above is based on 5000k nominal system. Individual fixture performance may vary.

Tube LED LLD Multiplier	15°C	20°C	25°C	30°C	40°C
	1.02	1.01	1	.98	.95

To calculate the LLD for a temp other than 25°C, multiply the LLD @ 25°C by the LLD multiplier for the selected temp.

# BRILLED LIGHTING

Brilled Lighting HQ\_156 S 600 W, Logan, UT 84321  
[www.BrilledLighting.com](http://www.BrilledLighting.com)  
 2020 Brilled Lighting LLC, All Rights Reserved 7/20

**Warranty** 5 Year limited warranty. Complete warranty terms are located at:  
[www.BrilledLighting.com](http://www.BrilledLighting.com)  
 Actual performance may differ as a result of end user environment and application.  
 All values are design or typical values, measured under laboratory conditions at 25°C.  
 Specifications subject to change without notice.