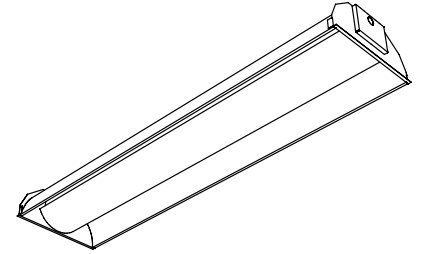


**0505-AR**

**Architectural Fluorescent**

**PerForm**

Recessed Direct/Indirect  
1x4 1 or 2 lamp T5, T5HO, or T8



**application**

- Economical architectural recessed direct/indirect lighting for glare free illumination.
- Suitable for grid inverted T (NEMA "G") ceilings. Flange type ceilings (NEMA "F") require independently mounted flange kits (FMA).
- Fully recessed mounting, suitable for row mounting.

**construction/finish**

- Welded housing construction.
- Soft white baked enamel finish.
- Easy ballast access through lamp compartment.
- Grid clips included.

**electrical**

- Class P, HPP ballasts comply with ⓔ Federal Ballast Law (Public Law 100-357, 1988).
- UL listed for damp locations. Canadian listing optional.
- Self contained fluorescent emergency power packs can be incorporated.

**enclosures**

- Micro-perforated mesh lamp shield provides soft awareness of light source.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances between reflected and direct light.
- Swing down lamp shield for easy relamping.

**accessories**

- **FMA14** – 1' x 4' "F" mounting frame for NEMA "F" mounting.

**Specifier's Reference**

Project
Type
Model No.
Comments

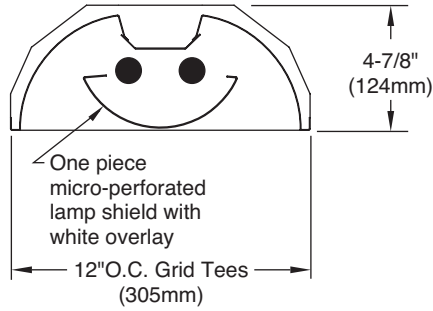
**Green Choice: 1PFG232-PMW-UNV-1/2-EBLHE-LPT835HL**

<b>1</b>	<b>PF</b>	<b>G</b>	<b>– PMW –</b>	<b>–</b>	<b>–</b>
<b>Width</b> 1 – 1'		<b>Ceiling Type</b> G – Grid	<b>Lamp Type/Wattage</b> 28 – 28W T5 (46") 32 – 32W T8 (48") 54HO – 54W T5HO (46")	<b>Voltage</b> 120 277 347 UNV – Universal voltage, 120-277 volt	
	<b>Family</b> PF – PerForm		<b>No. of Lamps</b> (not included) 1 2	<b>Shielding</b> PMW – Perforated metal with white overlay	<b>Options</b>
					1/1 – One 1-lamp ballast (electronic or non-standard) 1/2 – One 2-lamp ballast (electronic or non-standard) CM – Canadian Market EB – Electronic ballast, <20% THD EB101 – Electronic ballast, instant start, <10% THD EB10R – Electronic ballast, program rapid start, <10% THD EBD – Electronic dimming ballast EBHE – T8 electronic ballast, high efficiency, std. ballast factor EBLHE – T8 electronic ballast, high efficiency, low ballast factor EBHHE – T8 electronic ballast, high efficiency, high ballast factor E1 – DEB-1 emerg. ballast (T8 or CF only), 350-450 lumens (UL dry loc.) E7 – DEB-7 emerg. ballast, 390-700 lumens (UL dry loc.) E5 – DEB-5 emerg. ballast (T8 or CF only), 1100-1400 lumens (UL dry loc.) ESST – DEB-5ST emerg. ballast with self test, 1100-1400 lumens (UL dry loc.) F1 – Installed flex, 3/8" diameter, 18 gauge, 3 wire, 6' F2 – Installed flex, 3/8" diameter, 18 gauge, 4 wire, 6' GLR# – Fusing, fast blow (# = number of ballasts) LPT735 – Installed T8 lamps, 70+ CRI, 3500K LPT835 – Installed T5/T5HO/T8 lamps, 80+ CRI, 3500K LPT835HL – Installed T8 or T5 hi lumen lamps, 80+ CRI, 3500K

Job pack stretch wrapped w/out cartons - see sheet 1603-OA.  
See section 1600-OA for ballast, lamp, and option information.

**PHILIPS**  
**Day-Brite**

dimensions



photometry

PerForm 1x4 2 Lamp T8

Efficiency – 61.5%

LER – 56

TER – 50

<b>Catalog No.</b> 1PFG232-PMW-1/2-EB <b>Test No.</b> 29100 <b>S/MH</b> 1.2 <b>Lamp Type</b> F32T8 <b>Lumens/Lamp</b> 2850 <b>Ballast Factor</b> 0.87 <b>Input Watts</b> 54  Comparative yearly lighting energy cost per 1000 lumens – <b>\$4.29</b> based on 3000 hrs. and \$.08 pwr KWH.  The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.	<b>Candlepower</b>				<b>Light Distribution</b>				<b>Average Luminance</b>						
	<b>Angle</b> 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	<b>End</b> 1353 1350 1331 1298 1252 1199 1133 1055 962 870 767 654 545 432 331 229 132 46	<b>45</b> 1353 1350 1332 1302 1258 1206 1144 1064 956 835 697 578 474 364 270 181 106 41	<b>Cross</b> 1353 1339 1327 1293 1253 1197 1113 994 866 764 670 565 470 378 282 188 108 42	<b>Degrees</b> 0-30 0-40 0-60 0-90	<b>Lumens</b> 1048 1699 2877 3503	<b>% Lamp</b> 18.4 29.8 50.5 61.5	<b>% Luminaire</b> 29.9 48.5 82.1 100.0	<b>Angle</b> 45 55 65 75 85	<b>End</b> 3612 3347 3001 2597 1549	<b>45°</b> 3467 2958 2528 2053 1381	<b>Cross</b> 3172 2892 2626 2132 1415			
<b>Coefficients of Utilization</b> <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>															
pcc				80				70				50			
pw				70				50				30			
RCR				70				50				30			
0	72	72	72	70	70	70	68	68							
1	67	64	61	66	63	60	59	58							
2	60	56	52	59	55	52	53	50							
3	56	50	45	55	48	44	46	42							
4	51	44	39	50	44	39	41	38							
5	46	40	34	46	39	34	38	33							
6	44	35	30	42	34	29	34	29							
7	40	33	27	40	32	27	30	27							
8	38	29	25	36	28	23	28	23							
9	34	27	22	34	27	22	26	22							
10	33	25	20	33	25	20	23	20							

PerForm 1x4 2 Lamp T5

Efficiency – 60.7%

LER – 53

TER – 47

<b>Catalog No.</b> 1PFG228-PMW-1/2-EB <b>Test No.</b> 29091 <b>S/MH</b> 1.2 <b>Lamp Type</b> F28T5 <b>Lumens/Lamp</b> 2600 <b>Ballast Factor</b> 1.00 <b>Input Watts</b> 60  Comparative yearly lighting energy cost per 1000 lumens – <b>\$4.53</b> based on 3000 hrs. and \$.08 pwr KWH.  The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology. <b>Additional test numbers available on-line.</b> <b>29102</b> – 1 Lamp T8 <b>29098</b> – 1 Lamp T5HO <b>29094</b> – 1 Lamp T5 <b>29099</b> – 2 Lamp T5HO	<b>Candlepower</b>				<b>Light Distribution</b>				<b>Average Luminance</b>						
	<b>Angle</b> 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	<b>End</b> 1250 1246 1224 1191 1148 1102 1032 962 875 787 691 590 490 388 297 209 119 38	<b>45</b> 1250 1244 1221 1190 1148 1087 1004 909 800 699 599 513 422 327 241 161 92 37	<b>Cross</b> 1250 1241 1221 1190 1148 1087 1004 909 800 699 599 513 422 327 241 161 92 37	<b>Degrees</b> 0-30 0-40 0-60 0-90	<b>Lumens</b> 957 1543 2602 3156	<b>% Lamp</b> 18.4 29.7 50.0 60.7	<b>% Luminaire</b> 30.3 48.9 82.4 100.0	<b>Angle</b> 45 55 65 75 85	<b>End</b> 3267 3020 2695 2371 1280	<b>45°</b> 3093 2656 2251 1769 1213	<b>Cross</b> 2902 2626 2271 1826 1246			
<b>Coefficients of Utilization</b> <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>															
pcc				80				70				50			
pw				70				50				30			
RCR				70				50				30			
0	71	71	71	70	70	70	67	67							
1	66	64	60	65	61	59	59	57							
2	60	56	52	58	55	51	53	50							
3	56	48	45	54	47	44	46	42							
4	51	44	39	50	42	38	41	36							
5	46	39	34	46	39	34	36	33							
6	42	35	29	41	34	29	34	28							
7	40	32	27	39	32	27	30	26							
8	38	29	25	36	28	23	28	23							
9	34	27	22	34	27	22	26	22							
10	33	25	20	32	25	20	23	20							



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Contact Factory for Additional Configurations.  
 Specifications are subject to change without notice.  
 Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

