

IC8 | H26/32/42

8" IC Rated Horizontal Lamp Downlight



SXI-37.2

REV. 07/11

CAT. NO:

TYPE:

PROJECT:



PRODUCT INFORMATION

Applications

Specification grade recessed downlight UL Listed for direct contact with ceiling insulation. Ideal for applications requiring a balance of efficiency, performance and even illumination.

Specifications

- Ballast** - Type I Class P, high power factor universal voltage electronic compact fluorescent ballast. Offers 1 lamp operation for 120 through 277 volt input voltage.
- Housing** - Fully enclosed corrosion resistant 20 gauge galvanized steel.
- Glide Engineering™** - allows the socket assembly to move vertically using constant force springs. Provides easy installation and simple adjustment for ceiling up to 3" thick. Consult factory for ceilings thicker than 3".
- Installation** - Housing has pre-installed universal mounting brackets with vertical adjustment. Junction box and mounting brackets are accessible from below ceiling. For 24" C-channel bar hanger pair; specify Q1032 accessory, ordered separately. For 27" flat bar hanger pair; specify Q1031 accessory, ordered separately. For 24" adjustable bar hanger pair; for T-grid or wood joist applications, specify Q1033 accessory, ordered separately.
- Reflector** - Precision spun .051 aluminum, self flanged with clear specular Alzak low inidescant finish. Reflector is screw mounted for positive attachment to socket assembly. Standard flat flange is painted white. Optional polished flange matching reflector finish available, add FF to catalog number.
- Socket** - CFM42W/GX24q, CFM32W/GX24q, CFM26W/GX24q, CFM18W/GX24q, CFQ26W/G24q, CFQ18W/G24q, CFQ13W/G24q
- Junction box** - Extra large 43.75-cubic inch 16 gauge galvanized steel with snap-on covers. Approved for through wiring with up to 8 #12 AWG conductors.
- Optional Emergency System** - Emergency system includes battery, electronic circuitry, charger and test/monitor plate with test switch and charging indicator light. Test/monitor plate may be installed in the ceiling near fixture or other remote location. Operates appropriate lamp wattage for a minimum of 90 minutes following power failure. Battery is recharged automatically following restoration of power. Emergency system complies with NFPA life safety code, OSHA and NEC. Suitable for dry locations.
- UL Listed** - For use in damp locations and approved for Through Branch Circuit Wiring. I.B.E.V. union made.

☛ Canadian Specifications may vary from these shown, consult Canadian Division.

GLIDE

ENGINEERING



8



CATALOG SYSTEM AND OPTIONS

8" HOUSING

OMEGA Apr.	Lamp (by others)	Supply Voltage	Options
IC8 8" IC	I H26/32/42 PLT - Triple Tube CFL IH18 PLT - Triple Tube CFL 347 ☛ 2H18 PLT - Triple Tube CFL IH26 QPL - Quad CFL IH18 QPL - Quad CFL IH13 QPL - Quad CFL 2H18 QPL - Quad CFL 2H13 QPL - Quad CFL	U 120/277	EM Emergency*

Footnotes:

- EM option requires top access for servicing.
- Wet location approved only when using splay reflector with lens.

EXAMPLE OF COMPLETE CATALOG NUMBER: IC8 | H26/32/42PLTU-T8 | HCS

8" TRIMS

Reflector/Lamp Configuration	Reflector Type	Reflector Finish	Lens Option
T81H 1 lamp Horiz.	Blank SPL Splay ²	CS Clear Specular	FL Fresnel Lens
T82HQPL 2 lamp Horiz.	CSSPL Clear Specular Splay ²	CSS Clear Semi-Specular	PL Prismatic Lens
T82HPLT 2 lamp Horiz. PLT	BBSPL Black Baffle Splay ² BKSP Splay Lens Black ² WW Wall Wash BB Black Baffle WB White Baffle WB White Baffle TB Turbo Baffle	HZ Haze GS Gold Specular WT Wheat PW Pewter BK Black BZ Bronze WH White FF Finish Flange (as suffix to color)	CL Clear Lens POLY Polycarbonate Lens

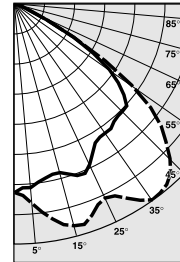


**Clear Specular Reflector
IC82H26/32/42PLTU-T82HPLTCS**

Report Number: 21033
 Lamp: (2) CFM42W
 Total Lumens: 6400
 Fixture Efficiency: = 58.2%
 IES File: 21033.IES
 S/MH Ratio = 1.3, 1.8
 Beam Angle: 104.86

LIGHTING PERFORMANCE DATA

CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	40.0	17-6
10	21.5	23-10
12	13.4	30-3
14	9.1	36-7
16	6.6	42-11



**Wall Washer with Clear Reflector
IC82H26QPLU-T82HQPLWWCS**

Source: Compact Fluorescent
 Lamp: (2)CFQ26W
 Reflectances: 80% ceiling, 50% walls, 20% floor
 Maintenance Factor: 1.0
 IES File: ITL49865.IES

Distance from ceiling (ft)

Distance from ceiling (ft)	2'6" from wall, 2'6" on center	
	Below Fixtures	Between Fixtures
1	30.5	28.4
2	46.7	44.9
3	48.7	48.8
4	40.2	40.7
5	32.1	31.8
6	25.4	25.2
7	20.2	17.2
8	16.7	17.2
9	14.1	14.4

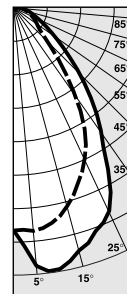


**Fresnel Lens with White Regressed Splay
IC82H26QPLU-T82HQPLSPLFL**

Report Number: ITL49870
 Lamp: (2) CFQ26W Quad
 Total Lumens: 3600
 Fixture Efficiency: = 43.3%
 IES File: ITL49870.IES
 S/MH Ratio = 1.2, 1.0
 Beam Angle: 76.31

LIGHTING PERFORMANCE DATA

CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	29.2	8-8
10	15.7	11-9
12	9.8	14-11
14	6.7	18-1
16	4.8	21-3

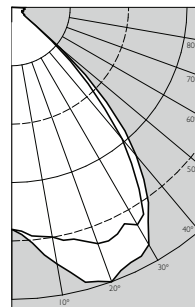


**Turbo Baffle
IC82H26QPL-T82HQPLTBCS**

Report number: LSC B000
 Lamp: (2)TWO 26W QUAD-TUBE CFL
 LUMEN RATING = 1825 LMS.
 Fixture Efficiency: 39.8%
 S/MH Ratio (0 degree plane): 1.5
 (90 degree plane): 1.5
 Total Fixture Lumens: 1454
 IES file: cb000.ies
 Beam Angle: 91.79

LIGHTING PERFORMANCE DATA

CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	21.7	11 - 4
10	11.7	15 - 6
12	7.3	19 - 7
14	5.0	23 - 9
16	3.6	27 - 10



Black Baffle