

FEATURES & SPECIFICATIONS

INTENDED USE

Provides general illumination in residential applications. Ideal for use in foyers, hallways, bedrooms, offices, utility work areas, stairways and many other rooms in the house. Flush mount are preferred on lower ceilings, while semi-flush lights are ideal on medium to high ceilings. **If required for commercial application or operation more than eight (8) hours per day, consult factory for available options.**

CONSTRUCTION

Distinctive traditional style fixture with black bronze finished housing and matching decorative center finial. Satin-etched swirl, white glass diffuser provides widespread, uniform illumination. Available in three sizes, 11", 13" or 15". Fixture can be flush or semi-flush mounted, matching black bronze finish canopy/stem chains included for semi-flush mounting. Center finial provides easy access for cleaning and maintenance.

OPTICS

Includes (2) 13W or (2) 18W compact quad tube (QTT) 4-pin 2700K fluorescent lamps or (1) 55W 2C 2700K fluorescent lamp for energy efficiency, superior color rendering and long life.

ELECTRICAL

Standard with electronic ballast (120 volt, 60Hz) ensures no flickering and quiet operation without interfering with other home electronics.

Use with non-dimmable switches only.

INSTALLATION

All mounting hardware included..

LISTINGS

UL listed to US safety standards and suitable for damp locations.

WARRANTY

2-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

Indoor Decorative

Sheffield Flush/Semi-Flush Mount

Compact QTT Fluorescent/55W 2C Fluorescent



Flush

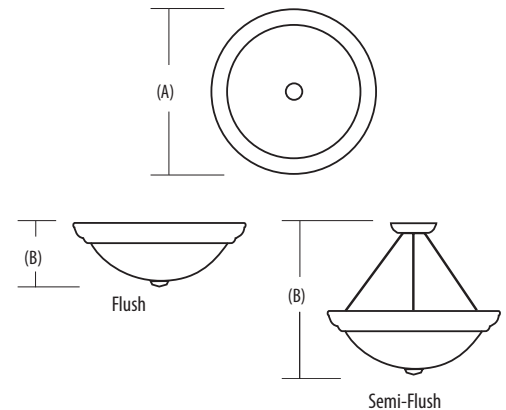


Semi-Flush



DIMENSIONS						
Nominal size	Lamp configuration	Model number	Number of lamps	Mounting Configuration	(A) Width inches (cm)	(B) Extension inches (cm)*
11" dia		11780	(2) 13W compact (QTT)	Flush	11" (27.9)	5" (12.1)
				Semi-flush	11" (27.9)	13" (32.4)
13" dia		11782	(2) 18W compact (QTT)	Flush	13" (33.0)	5" (12.7)
				Semi-flush	13" (33.0)	13" (33.0)
15" dia		11784	(1) 55W 2C	Flush	15" (37.9)	6" (15.2)
				Semi-flush	15" (37.9)	13-3/4" (34.9)

*Maximum extension from ceiling.
All dimensions are inches (centimeters) unless otherwise indicated.



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 11780 BZ

Series ^{1,2}	Finish	Ballast/voltage ²
11780 11" diameter - (2) 13W compact quad tube (QTT) 4-pin 2700K fluorescent lamps included	BZ Black bronze	(blank) 120 volt electronic ballast (standard) Other voltage and ballast types (Consult factory)
11782 13" diameter - (2) 18W compact quad tube (QTT) 4-pin 2700K fluorescent lamps included		
11784 15" diameter - (1) 55W 2C 2700K fluorescent lamps included		

Replacement parts: Order as separate catalog number.

CF13QT27 4-pin	13W compact (QTT) 4-pin 2700K fluorescent lamp
CF18QT27 4-pin	18W compact (QTT) 4-pin 2700K fluorescent lamp
F2C5527	55W 2C 2700K fluorescent lamp
DSHEF11	11" Glass diffuser, satin-etched white swirl
DSHEF13	13" Glass diffuser, satin-etched white swirl
DSHEF15	15" Glass diffuser, satin-etched white swirl

Notes

- 1 INCLUDES - (2) 13W or (2) 18W compact quad tube (QTT) 4-pin 3500K fluorescent lamps or (1) 55W 2C 2700K fluorescent lamp.
- 2 Use with non-dimmable switches only.

PHOTOMETRICS

18W QTT Fluorescent Lamp Configuration.

CANDELA DISTRIBUTION

0	45	90	135	180	Ave	Lumens
0	269	269	269	269	269	269
5	270	269	269	269	271	269
15	260	262	266	264	264	263
25	243	250	259	253	248	252
35	221	234	248	238	226	235
45	194	214	231	217	199	214
55	165	190	207	191	167	188
65	134	160	175	159	134	157
75	106	129	141	127	104	125
85	78	97	106	95	76	94
90	66	82	89	80	63	79
95	55	68	75	67	53	66
105	29	17	38	16	27	26
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	0

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0° - 30°	216.1	8.6	18.2
0° - 40°	363.7	14.5	30.6
0° - 60°	697.7	27.9	58.6
0° - 90°	1087.7	43.5	91.4
90° - 120°	102.5	4.1	8.6
90° - 130°	102.5	4.1	8.6
90° - 150°	102.5	4.1	8.6
90° - 180°	102.5	4.1	8.6
0° - 180°	1190.1	47.6	100.0

LUMINAIRE EFFICIENCY: 47.6%

CIE CLASSIFICATION: Direct

SPACING CRITERIA(0-Deg): 1.3

SPACING CRITERIA(90-Deg): 1.4

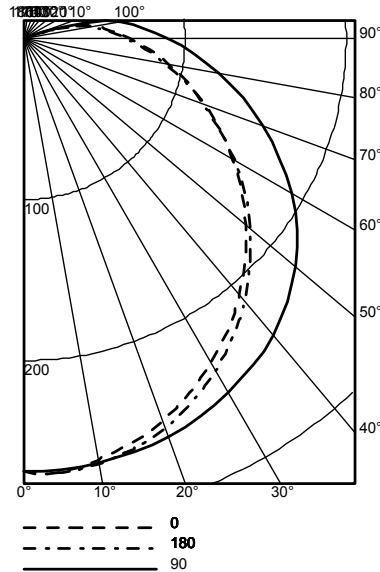
SPACING CRITERIA(180-Deg): 1.3

AVERAGE LUMINANCE (cd/m2)

0°	90°	180°	
45°	4604	5477	4709
55°	4249	5331	4311
65°	3917	5107	3915
75°	3671	4892	3601
85°	3511	4740	3404

Calculations based on IES File Luminous Area:

9.0 in. Diameter x 3.24 in. H



TESTED BY: _____

COEFFICIENTS OF UTILIZATION

pf	20%																					
	80%				50%				30%				10%				0%					
pc	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%					
pw	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10
0	56	56	56	56	51	51	51	48	48	48	45	45	45	44	44	44	44	44	44	44	44	44
1	49	46	43	41	42	40	38	39	37	36	37	35	34	33	33	33	33	33	33	33	33	33
2	44	39	35	32	35	32	30	33	31	29	31	29	27	26	26	26	26	26	26	26	26	26
3	40	34	29	26	31	27	24	29	26	23	27	25	22	21	21	21	21	21	21	21	21	21
4	36	30	25	21	27	23	20	25	22	20	24	21	19	18	18	18	18	18	18	18	18	18
5	33	26	22	18	24	20	17	23	19	17	21	18	16	15	15	15	15	15	15	15	15	15
6	30	24	19	16	22	18	15	20	17	14	19	16	14	13	13	13	13	13	13	13	13	13
7	28	21	17	14	19	16	13	18	15	13	17	14	12	11	11	11	11	11	11	11	11	11
8	26	19	15	12	18	14	12	17	14	11	16	13	11	10	10	10	10	10	10	10	10	10
9	24	18	13	11	16	13	10	15	12	10	14	11	10	9	9	9	9	9	9	9	9	9
10	23	16	12	10	15	12	09	14	11	09	13	10	09	08	08	08	08	08	08	08	08	08

SINGLE LUMINAIRE PERFORMANCE

Task Height: 2.5ft.

50% beam - 68.2° 10% beam - 115.8°

Mounting Height	Initial FC					
	Center Beam	Diameter	FC	Diameter	FC	FC
8.0	8.9	7.5	4.4	17.5	0.9	
10.0	4.8	10.2	2.4	23.9	0.5	
12.0	3.0	12.9	1.5	30.3	0.3	
14.0	2.0	15.6	1.0	36.7	0.2	
16.0	1.5	18.3	0.7	43.1	0.1	