

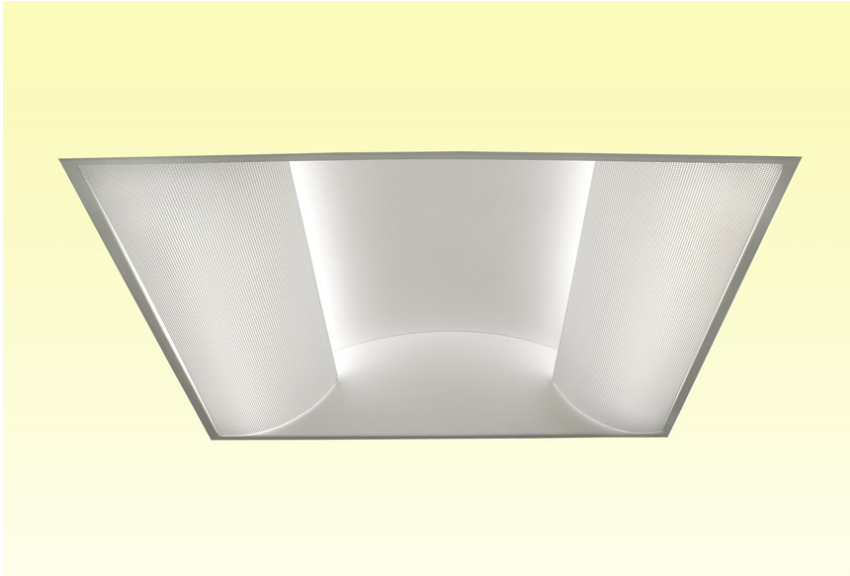
RECESSED

# BERNARD SERIES

## RECESSED DIRECT / INDIRECT LUMINAIRE

FIXTURE TYPE

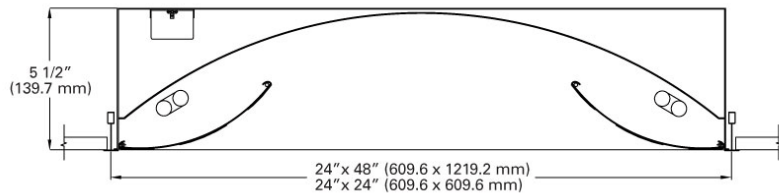
PROJECT



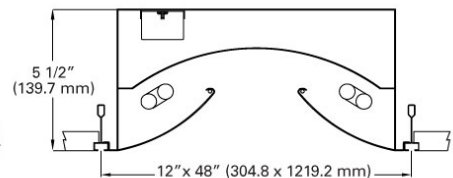
### PRODUCT FEATURES

- Recessed direct/indirect perforated side basket creates soft visual effect
- Shallow 5 1/2" deep body
- Available T8, T5 & Biax lamps for 1x4, 2x2, 2x4 luminaires

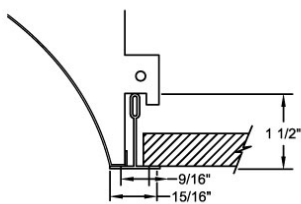
### FIXTURE DETAILS



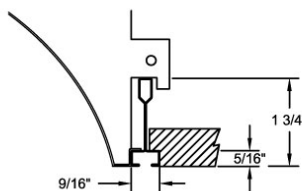
Size: 2x2 & 2x4



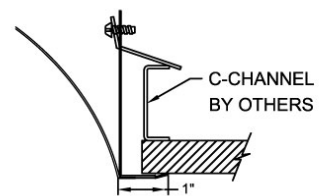
Size: 1x4



'T'- Flat Grid Tee 9/16" & 15/16"



'S'-Slot Grid Tee



'F'- Sheet Rock Ceiling

### SPECIFICATIONS

**HOUSING** Die formed 20 gauge steel. Knockouts are provided on the back of the housing.

**REFLECTOR** Die formed cold rolled steel. Powder coated white finish, 92% reflectance



**PICASSO LIGHTING INDUSTRIES, LLC**

46 Sellers Street, Kearny, NJ 07032 T 201.246.8188 F 201.246.8122 www.picassoltg.com ©2013 Picasso Lighting Industries, LLC

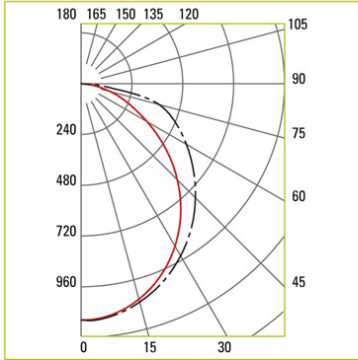
- SHIELDING** Perforated steel basket, white acrylic overlay diffuser. Swing down basket for easy relamping.
- MOUNTING** Recessed Lay-in 9/16" and 15/16" T-Grid , 9/16" Slot Grid, or flanged for sheetrock.
- FINISH** High reflectance powder coated matte white
- BALLAST** Electronic ballast (See ordering format for different configurations)
- LAMPS** T5, T8 and Biax configurations. (See ordering format for lamp configurations)
- LABELING** UL/CUL Listed. I.B.E.W. (Local 3). Made in the U.S.A.
- MEMBERS** US Green Building Council member, IESNA sustaining member.

## PHOTOMETRICS

IES Report for Catalog Number BER-22-240W BIAX-ELB, Lamps 2-40W BIAX

IES INDOOR REPORT PHOTOMETRIC FILENAME BER-22-240W BIAX-ELB.IES

### POLAR GRAPH



— # 1 Vertical Plane Through Horizontal Angles (90 -270)  
 — # 2 Vertical Plane Through Horizontal Angles (0 -180)

### COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				10				0			
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
0	59	59	59	59	58	58	58	58	55	55	55	53	53	53	51	51	51	50						
1	54	52	50	48	53	51	49	47	49	47	46	47	45	44	45	44	43	42						
2	49	45	42	39	48	45	42	39	43	40	38	41	39	37	40	38	36	35						
3	45	40	36	33	44	39	36	33	38	35	32	37	34	32	35	33	31	30						
4	41	36	31	28	40	35	31	28	34	30	28	33	30	27	32	29	27	26						
5	38	32	27	24	37	31	27	24	30	26	23	29	26	23	28	25	23	22						
6	35	28	24	21	34	28	24	21	27	23	20	26	23	20	25	22	20	19						
7	32	25	21	18	31	25	21	18	24	21	18	24	20	18	23	20	18	17						
8	30	23	19	16	29	22	18	16	22	18	15	21	18	15	21	18	15	14						
9	27	20	16	14	27	20	16	13	20	16	13	19	16	13	19	15	13	12						
10	25	19	15	12	25	18	15	12	18	14	12	17	14	12	17	14	12	11						

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	853	13.5	27.4
0-40	1383	22	44.4
0-60	2411	38.3	77.3
0-90	3119	49.5	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3119	49.5	100

TOTAL LUMINAIRE EFFICIENCY: 49.5%

LUMINAIRE EFFICACY RATING: 38

PLANE 0° 90°

SPACING CRITERIA: 1.20 1.26

LUMINOUS SIZE: 1.92ft 1.91ft

\* Visit our website [www.picassoltg.com](http://www.picassoltg.com) to download IES files and Photometric Reports.

\* Please consult with Picasso Lighting for application layouts.

## ORDERING FORMAT

SERIES	SIZE	LAMPING	MOUNTING	BALLAST	VOLTAGE	OPTIONS
<b>Bernard</b>	<b>1 4:1X4</b>	2-28W T5 2-32W T8 2-54W T5HO 4-40W BIAX 4-50W BIAX	F: Flanged for sheetrock S: Slot Grid T: T Bar (9/16" & 15/16")	ELB: Electronic ELB/DIM: Dimming-Specify type and voltage	UE: 120V-277V	AR: Air Return CP: Chicago Plenum/CCEA Approved EM: Emergency Battery-Specify Voltage LPI: Lamps supplied by others/installed by Picasso MSF: Master Fixture SC: Separate Circuit SLF: Slave Fixture WH: 6' Whip Attached
	<b>2 2:2X2</b>	2-14W T5 2-17W T8 2-24W T5HO 2-40W BIAX 2-50W BIAX 4-17W T8				
	<b>2 4:2X4</b>	2-28W T5 2-32W T8 2-54W T5HO 4-40W BIAX 4-50W BIAX				

YOUR ORDER

BER

Note: Picasso lighting industries, LLC reserves the right to make any design changes which will not affect the overall appearance or performance of the product. All ceilings to be adequately reinforced by others. All fixtures to be wired by licensed electrician only. The information contained herein is the sole property of Picasso Lighting Industries, LLC and may not be used without prior written consent of Picasso Lighting Industries, LLC. The 'USGBC member logo' is a trademark owned by the U.S. Green building council and is used by permission. The logo signifies only that Picasso Lighting Industries, LLC is a USGBC member; USGBC does not review, certify, or endorse the products or services offered by its members.



**PICASSO LIGHTING INDUSTRIES, LLC**

46 Sellers Street, Kearny, NJ 07032 T 201.246.8188 F 201.246.8122 [www.picassoltg.com](http://www.picassoltg.com) ©2013 Picasso Lighting Industries, LLC