Type: _____

Project: _____

VALORE

INDOOR | DAMP | LINEAR 2FT & 4FT

LINEAR LED HIGH BAY

- The VALORE features 3000K, 4000K and 5000K adjustable CCT.
- The VALORE is DesignLights Consortium® qualified for indoor High-bay Luminaires for Commercial and Industrial applications.
- PERFORMANCE: **VAL2 LO:**12,534 up to 13,418 lm
  VAL2 HO:20,840 up to 22,130 lm
  VAL4 HO:43,041 up to 45,703 lm
- OPERATING TEMP:

  HT (AC Only) -20°C to 40°C (-4°F to 104°F).
  EM (AC & Emergency) 0°C to 40°C (32°F to 104°F).
- WEIGHT: **VAL2 LO:** 7.4 lbs / 3.35 kg
  VAL2 HO: 10.8 lbs / 4.89 kg
  VAL4 HO: 18.0 lbs / 8.16 kg

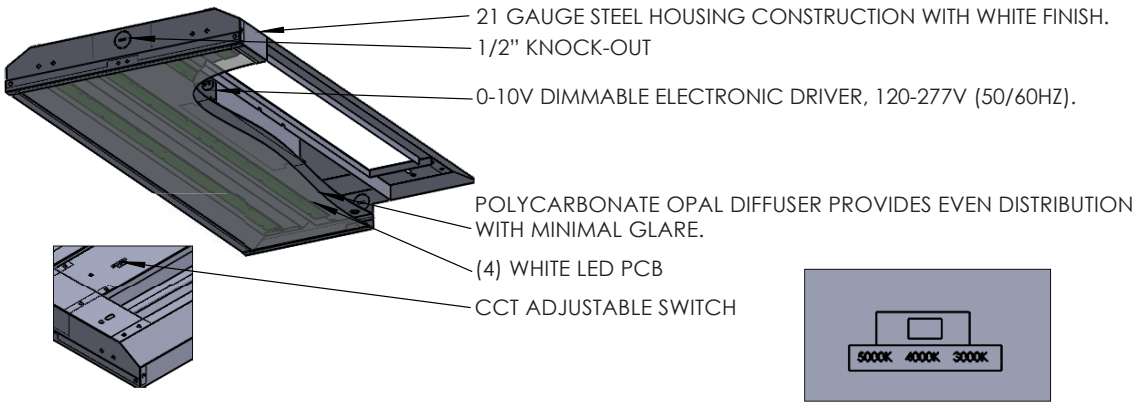
APPLICATION: The VALORE is ideal for budget conscious installations or replacement of fluorescent linear high bays in warehouses, aisle lighting for retail, big box stores, logistic centers and open ceiling environments.

CONFIGURATIONS

MODEL	OPERATION	OUTPUT	COLOR TEMP	INPUT	MOUNTING [1]	OPTIONS
VAL2	HT	LO	WT	120V-277V	CH (chain hang)	EM[3] (emergency back-up remote)
VAL4[6]		HO			AC[2] (aviation cable kit)	FP (fuse protection - 5A)
						SP (surge protection - 10KA)
						WG (wireguard)
						RLYL[4] (wireless relay - LOGICA)
						EOS [5] (on/off only external sensor)
						EOS-FSP[5] (on/off dimming & photocell external sensor)

NOTE 1: Chain mounting (CH) is standard. Specify length for CH:12", 24", 36", 48" for other specify.
NOTE 2: 50" & 72" are standard lengths, consult factory for other lengths
NOTE 3: Field Installation Emergency Pack (120-277V); 17W; 2290 lumens
NOTE 4: Logica (Beghelli wireless and powerless control solutions). Contact factory for more details.
NOTE 5: FSP-221-requires wireless IR handheld remote (HHR-FSIR) for changing defaults and testing of occupancy sensor. Order as needed (item #476100186). For more details, contact factory.
NOTE 6: Only available with HO

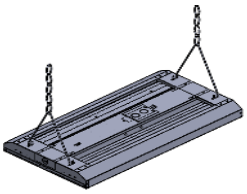
TECHNICAL INFORMATION



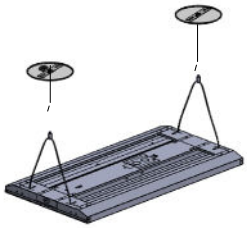
Beghelli reserves the right to change, without notice, specifications or materials that in our opinion will not alter the function or performance of the product. Technical specifations that appear on www.beghelliusa.com supersede all other versions existing in print or electronic form.

MOUNTING OPTIONS

CH
36” Chain Hang
(Standard)

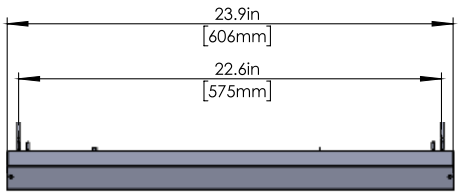


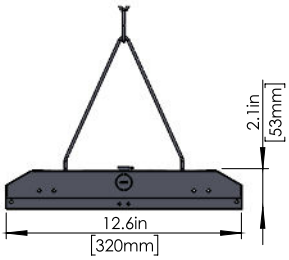
AC
(Aviation Cable kit)



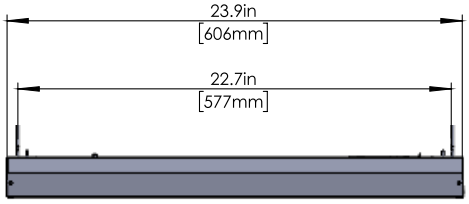
DIMENSIONS

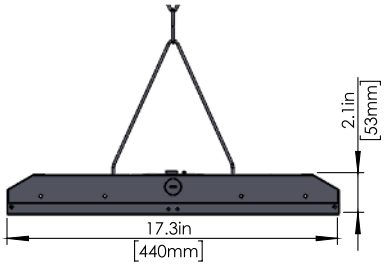
VAL2-LO



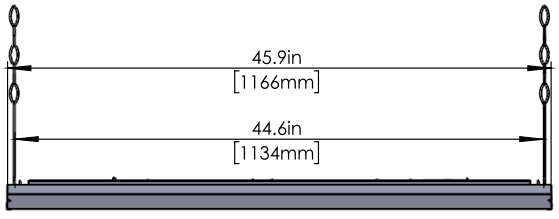


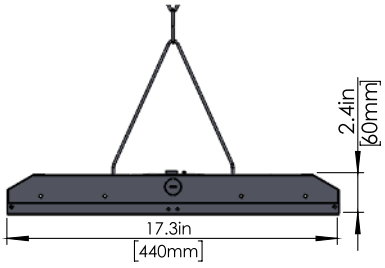
VAL2-HO





VAL4-HO





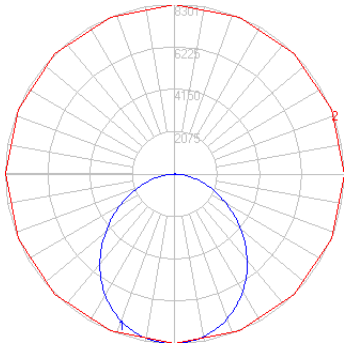
Beghelli reserves the right to change, without notice, specifications or materials that in our opinion will not alter the function or performance of the product. Technical specifations that appear on www.beghelliusa.com supersede all other versions existing in print or electronic form.

VALORE

DISTRIBUTION

VAL2-HT-HO-120-277V

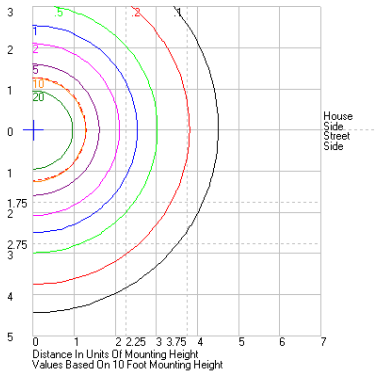
POLAR CURVES



Characteristics

Electronic driver	
LED 4000°K	
Lumens Per Lamp	21485 (1 lamp)
Total Lamp Lumens	21485
Luminaire Lumens	21485
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	164.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular

ISOLINES



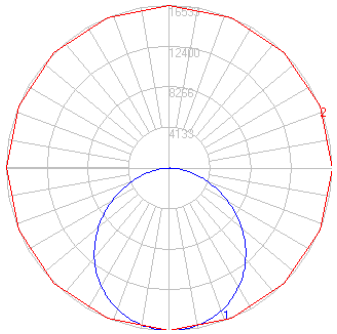
Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	3012.95	14.00	14.00
0-30	6335.68	29.50	29.50
0-40	10225.28	47.60	47.60
0-60	17393.1	81.00	81.00
0-80	21085.72	98.10	98.10
0-90	21433.84	99.80	99.80
10-90	20650.03	96.10	96.10
20-40	7212.33	33.60	33.60
20-50	11074.39	51.50	51.50
40-70	9550.22	44.50	44.50
60-80	3692.63	17.20	17.20
70-80	1310.22	6.10	6.10
80-90	348.11	1.60	1.60
90-110	10.70	0.00	0.00
90-120	19.29	0.10	0.10
90-130	27.53	0.10	0.10
90-150	40.59	0.20	0.20
90-180	50.95	0.20	0.20
110-180	40.25	0.20	0.20
0-180	21484.79	100.00	100.00

Total Luminaire Efficiency = 100.00%

VAL4-HT-HO-120-277V

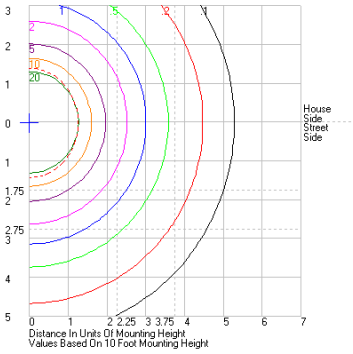
POLAR CURVES



Characteristics

Electronic driver	
LED 4000°K	
Lumens Per Lamp	44372 (1 lamp)
Total Lamp Lumens	44372
Luminaire Lumens	44372
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	135
Total Luminaire Watts	327.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular

ISOLINES



Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	6022.96	13.60	13.60
0-30	12718.49	28.70	28.70
0-40	20650.3	46.50	46.50
0-60	35597.41	80.20	80.20
0-80	43522.18	98.10	98.10
0-90	44298.27	99.80	99.80
10-90	42735.48	96.30	96.30
20-40	14627.34	33.00	33.00
20-50	22622.46	51.00	51.00
40-70	20038.87	45.20	45.20
60-80	7924.77	17.90	17.90
70-80	2833.01	6.40	6.40
80-90	776.09	1.70	1.70
90-110	17.06	0.00	0.00
90-120	28.73	0.10	0.10
90-130	40.38	0.10	0.10
90-150	58.94	0.10	0.10
90-180	74.01	0.20	0.20
110-180	56.95	0.10	0.10
0-180	44372.28	100.00	100.00

Total Luminaire Efficiency = 100.00%

ENERGY CHART

MODEL	EFFICACY (Lumens/Watts)	CONSUMPTION WATTAGE (W)	LUMEN OUTPUT (LM)	CRI	L70 (hrs.)
VAL2-LO-WT30-120-277V	125	100	12534	>80	>36,000
VAL2-LO-WT40-120-277V	130	100	13027	>80	>36,000
VAL2-LO-WT50-120-277V	134	100	13418	>80	>36,000
VAL2-HO-WT30-120-277V	127	165	20840	>80	>36,000
VAL2-HO-WT40-120-277V	131	165	21485	>80	>36,000
VAL2-HO-WT50-120-277V	135	165	22130	>80	>36,000
VAL4-HO-WT30-120-277V	131	325	43041	>80	>36,000
VAL4-HO-WT40-120-277V	135	325	44372	>80	>36,000
VAL4-HO-WT50-120-277V	140	325	45703	>80	>36,000

Beghelli reserves the right to change, without notice, specifications or materials that in our opinion will not alter the function or performance of the product. Technical specifations that appear on www.beghelliusa.com supersede all other versions existing in print or electronic form.

ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE 120V	277V	FREQUENCY (HZ)
VAL2-HT-LO-120-277V	110	1.00	0.41	50/60
VAL2-HT-HO-120-277V	165	1.60	0.61	50/60
VAL4-HT-LO-120-277V	225	1.90	0.83	50/60
VAL4HT-HO-120-277V	325	2.72	1.20	50/60

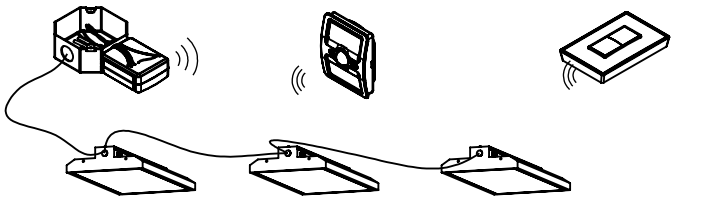
LOGICA (WIRELESS & POWERLESS LIGHTING CONTROL SOLUTIONS)

DAISY CHAIN FIXTURES (RLYL)

LOG-RLY
WIRELESS RELAY
(DAMP LOCATION)

LOG-ML2
REMOTE SENSOR
(ACCESSORY)
(DAMP LOCATION)

LOG-ESRP
SWITCH
(ACCESSORY)
(DAMP LOCATION)



FIXTURES DAISY CHAIN ~ 12 FIXTURES; 23ft. max.
(based on 12AWG) (daisy chain by others)

NOTE: For details please see lighting control solution configuration.
For logica applications contact factory for layout and suitable solution.

■ WARRANTY: 5 year warranty, see website for full warranty details.

Type: _____

Project: _____

VALORE

DAMP | 15,529 - 46,361 LUMENS | HIGH BAY | LINEAR 2FT & 4FT

LINEAR LED HIGH BAY

- The VALORE is DesignLights Consortium® qualified for indoor High-Bay Luminaires for Commercial and Industrial Buildings.
- The VALORE is a linear LED high bay and is the ideal replacement for 4, 6 and 8 lamp luminaires.
- VALORE is available in 2ft and 4ft versions with lumen packages ranging from 15,5290 to 46,361.
- MOUNTING: V-clips for dual point chain or cable hanging (standard).
- OPERATING TEMP: Ambient operating temp is -20°C to 40°C (-4°F to 104°F).

APPLICATION: The VALORE is the ideal linear LED high bay for budget conscious installations or replacement of fluorescent linear high bays in warehouses, aisle lighting for retails big box stores, logistic centers and open ceiling environments.

CONFIGURATIONS

MODEL	LUMENS[1]	CCT	INPUT	MOUNTING
V2 (2FT)	LO (15,529)	WT35 (3500K)	120-277V	AC_[2] (aviation cable)
	HO (22,247)	WT40 (4000K)		CH_[3] (chain hang kit)
V4 (4FT)	LO (30,315)	WT50 (5000K)		PK_[4] (pendant kit)
	HO (44,959)			

NOTE 1: See energy chart for details.
NOTE 2: AC option available contact factory.
NOTE 3: 39" chain comes standard with unit. Custom length available contact factory.

NOTE 4: PK option available contact factory
NOTE: Please see next page for accessories.

HOUSING:
Durable steel construction with corrosion resistant white powder coat (RAL 9010) finish.

ELECTRICAL:
AC Input: 120-277V, 50-60HZ

DIMMING:
0 - 10V dimming is standard (compatible with most dimming systems, contact factory for more information).

DIFFUSER:
Polycarbonate frosted lens eliminates glare and provides even light distribution.

OPERATING TEMP:
The ambient operating temperature is -20°C to 40°C (-4°F to 104°F).

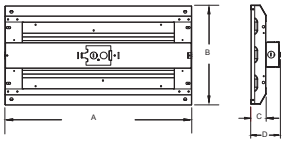
MOUNTING:
Unit comes standard with V-clips for dual point CH (chain) mount. Chain mount is standard (39" chain included). Custom chain length available contact factory. AC (aviation cable) optional. PK (pendant kit) mount is also available.

PERFORMANCE:
The performance listed below is based off the 3500K CCT. Please see the energy chart for more info.

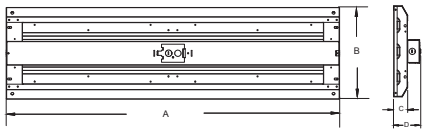
V2-LO = 15,529 lm / 110W
V2-HO = 22,247 lm / 165W
V4-LO = 30,315 lm / 225W
V4-HO = 44,959 lm / 325W

WEIGHT: Contact factory.

WARRANTY:
5 year warranty, see website for full warranty details.



MODEL	A	B	C	D
V2-LO	23.81" (605 MM)	13.77" (320 MM)	2" (50 MM)	3.77" (95.9 MM)
V2-HO	23.81" (605 MM)	17.32" (440 MM)	2" (50 MM)	3.77" (95.9 MM)



MODEL	A	B	C	D
V4-LO	45.86" (1165 MM)	13.77" (320 MM)	2" (50 MM)	3.77" (95.9 MM)
V4-HO	45.86" (1165 MM)	17.32" (440 MM)	2" (50 MM)	3.77" (95.9 MM)

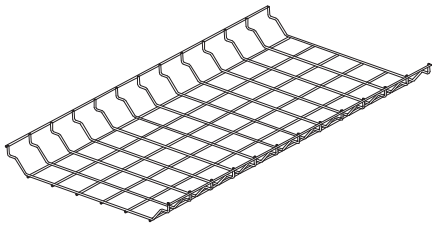
12/19/16

Beghelli reserves the right to change, without notice, specifications or materials that in our opinion will not alter the function or performance of the product. Technical specifications that appear on www.beghelliusa.com supersede all other versions existing in print or electronic form.

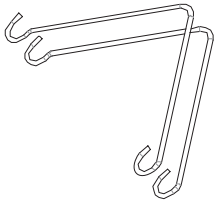
VALORE ACCESSORIES

ACCESSORIES	DESCRIPTION
WG-2L	wireguard for V2-LO
WG-2H	wireguard for V2-HO
WG-4L	wireguard for V4-LO
WG-4H	wireguard for V4-HO

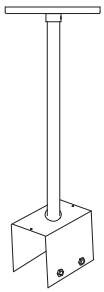
WIRE GUARD



V-CLIPS



PENDANT



ENERGY CHART

MODEL	EFFICACY (LUMENS/WATT)	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70
V2-LO-WT35-120-277V	141	109	15529	84	50,000+
V2-LO-WT40-120-277V	143	110	15792	84	50,000+
V2-LO-WT50-120-277V	149	110	16406	84	50,000+
V2-HO-WT35-120-277V	132	167	22247	83	50,000+
V2-HO-WT40-120-277V	135	168	22616	85	50,000+
V2-HO-WT50-120-277V	135	167	22624	85	50,000+
V4-LO-WT35-120-277V	134	226	30315	83	50,000+
V4-LO-WT40-120-277V	135	228	30809	85	50,000+
V4-LO-WT50-120-277V	136	228	31288	85	50,000+
V4-HO-WT35-120-277V	140	323	44959	83	50,000+
V4-HO-WT40-120-277V	143	323	45851	85	50,000+
V4-HO-WT50-120-277V	143	323	46361	85	50,000+

Beghelli reserves the right to change, without notice, specifications or materials that in our opinion will not alter the function or performance of the product. Technical specifications that appear on www.beghelliusa.com supersede all other versions existing in print or electronic form.