Columbia LIGHTING

RLB
REVERIE™ DECORATIVE LOW BAY

FEATURES

- Three photometric distributions: Medium, Narrow and Aisle/Stack

- Available in 4' or 8' standard lengths

- Optional integral emergency battery pack for backup-required applications

- Uninterrupted ribbon of light for single or row mount applications

- Optional SpectraSync™ offers two modes of tunable white solutions and integrates seamlessly into a variety of control systems

- NX Distributed Intelligence™ provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments

DLC QPL™ LISTED | DLC QPL™ LISTED PREMIUM | c(CSA)us® | Built to UL 924 Standards

CONTROL TECHNOLOGY

SpectraSync) Color Tuning Technology | NX)) DISTRIBUTED™ INTELLIGENCE

RELATED PRODUCTS

🔗 Revalume™ Linear Wrap　　🔗 Multipurpose Linear

SPECIFICATIONS

CONSTRUCTION
- Heavy gauge steel housing, die embossed for maximum rigidity

- Housing and wireway are formed from code-gauge steel

- Injection molded ABS material end caps standard

- White painted parts are treated with a five-stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS
- Frosted, snap-on diffuser for aesthetically pleasing performance

- Three photometric distributions: Medium, Narrow and Aisle/Stack

ELECTRICAL
- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance

CERTIFICATIONS
- Built to UL 1598 and 2108 standards and bear appropriate cCSAus labels

- Damp Location labeling is standard

- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options

- Adheres to LM79, LM80, and TM21 industry standards

- DLC® (DesignLights Consortium) Qualified, with some Premium Qualified configurations. Please refer to the DLC website for specific product qualifications at www.designlights.org

- NX is available in U.S., Canada and Mexico. For other locations consult factory

- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See page 6 for wiring diagram. Link to Dimming Bypass Module Specification Sheet

WARRANTY
- 5 year warranty

- See HLI Standard Warranty for additional information

KEY DATA

KEY DATA	
Lumen Range	3949–24,190
Wattage Range	33–94
Efficacy Range (LPW)	114–120
Rated Life (Hours)	L80/60,000
Input Current Range (Amps)	0.10–1.6

HUBBELL® | HUBBELL Lighting

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ORDERING GUIDE

Example: RLB4–35LV–FAN–EDU

CATALOG #

RLB		–	CRI	Color Temp		Delivered Lumens [3]			FA		–	Uplight (Nominal Lumens) [4,5]		–
Model [1]	**Size**		**CRI**	**Color Temp**		**Delivered Lumens [3]**			**Shielding**	**Distribution**		**Uplight (Nominal Lumens) [4,5]**		
RLB Reverie™ Decorative Low Bay	4 4' 8 8'		Blank >80 9 >90	30 3000K 35 3500K 40 4000K 50 5000K 2750T 2700K-5000K SpectraSync™ Tunable White[2] 2765T 2700K-6500K SpectraSync™ Tunable White[2]		LL 4' (3949) 8' (7898) LLHE 4' (4057) 8' (8114) LM 4' (5688) 8' (11,376) LMHE 4' (5888) 8' (11,776) LH 4' (7530) 8' (15,060) LHHE 4' (7828) 8' (15,656) LV 4' (9507) 8' (19,014) LVHE 4' (9705) 8' (19,410) LX 4' (11,357) 8' (22,714) LXHE 4' (11,644) 8' (23,288)			FA Frosted Acrylic	M Medium N Narrow A Aisle/Stack		Blank No Uplight U1 1000 U2 2000 U3 3000 U4 4000		

Driver		Voltage		–	Options		Control Options [14]	
Driver		**Voltage**			**Options**		**Control Options [14]**	
E Fixed Output ED 0-10V Dimming ED1 0-10V 1% Dimming[6] EDD 0-10V Dim-to-Dark[7] ESD Step Dimming[8]		U 120–277V 347 347V 480 480V[9]			ELL14 Emergency Battery Pack, 1400 Lumens[10] GTD Generator Transfer Device[11] DTS Dimming Bypass Module[12] ATSD Auxilary Transfer Switch[11] GLR Fast Blow Fuse C6TL15 6' - Cord and Twist -Lock Plug 15 A (Add Voltage 1=120-, 2=277) C6TL20 6' - Cord and Twist -Lock Plug 20 A (Add Voltage 1=120-, 2=277) C6P151 6' - Cord and Straight Blade Plug 15 A (Voltage = 120) EOR End of Row INT Intermediate[13] LBC LED Branch Circuit Wiring SSP10 10kVA Surge Suppression Protection		**NX Standalone** NXOS NX, PIR BLE Occupancy/Daylight Sensor, Round Ceiling Mount NXSPH NX, PIR BLE Occupancy/Daylight Sensor, High Mount **NX Networked – Wired** NXE NX, Dual SmartPorts NXEOS NX, PIR BLE Occupancy/Daylight Sensor, Round, Dual SmartPorts NXESPH NX, PIR BLE Occupancy/Daylight Sensor, High Mount, Dual SmartPort **NX Networked – Wireless** NXOSW NX Wireless, PIR BLE Occupancy/Daylight Sensor NXSPWH NX Wireless, PIR BLE Occupancy/Daylight Sensor, High Mount NXWE NX Wireless Enabled **NX Networked – Wired/Wireless** NXSWD NX Wireless, PIR BLE Occupancy/Daylight Sensor, Dual SmartPorts NXWD NX Wireless, Dual Smart Ports	

Accessories	
☐ **RLBWG4**	4' Wire Guard
☐ **S18**	18" Stem, Canopy
☐ **SS18**	18" Swivel Stem–45° Swivel
☐ **CM24SCF3-KIT**	24" Adjustable Cable Mounting Kit, 3-wire feed
☐ **CM48SCF3-KIT**	48" Adjustable Cable Mounting Kit, 3-wire feed

Notes:
1   Through wiring is limited to maximum 25°C when surface mounted
2   Not available with HE lumen outputs
3   See Delivered Lumens section for additional lumen output information. High efficacy versions designated with "HE"
4   Not available in surface mount
5   Not available with 2750T or 2765T
6   Not available on LX or LXHE lumen outputs
7   Not available with uplight
8   Not available on LV, LVHE, LX or LXHE lumen outputs
9   Contact local Hubbell Lighting representative for compatibilities
10 LX, LXHE limited to 25°C. LV, LVHE limited to 30°C
11 GTD and ATSD available for universal voltage and fixed output driver options only
12 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. Only available with 0-10V drivers. Universal voltage only. See page 6 for wiring diagram
13 Suspension support required at every fixture coupling; see Mounting Accessories Guide
NX In-Fixture Control Options:
14 Only available with ED and ED1 drivers. Universal voltage only

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CONTROLS

NX Distributed Intelligence™ Lighting Controls:
Supports both indoor and outdoor applications in a variety of deployment options- wired, wireless, hybrid.
Integrates with and enables a wide array of luminaires including those with SpectraSync Color Tuning Technology.

NX DISTRIBUTED INTELLIGENCE

NX INTEGRATED CONTROLS REFERENCE								
NX Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0–10V Dimming	On/off Control	Bluetooth® App Programming
NX Standalone								
NXOS	NXSMP-OMNI	No	Yes	Yes	Yes	Yes	Yes	Yes
NXSPH	NXSMP-HMO	No	Yes	Yes	Yes	Yes	Yes	Yes
NX Networked – Wired								
NXE	N/A	Yes	Yes	No	No	Yes	Yes	Requires a NXBTC, see footnote[1]
NXEOS	NXSMP-OMNI	Yes	Yes	Yes	Yes	Yes	Yes	Yes, Bluetooth App
NXESPH	NXSMP-HMO	Yes	Yes	Yes	Yes	Yes	Yes	Yes, Bluetooth App
NX Networked – Wireless								
NXOSW	NXSMP-OMNI	Yes	Yes	Yes	Yes	Yes	Yes	Yes, Bluetooth App
NXSPWH	NXSMP-HMO	Yes	Yes	Yes	Yes	Yes	Yes	Yes, Bluetooth App
NXWE	N/A	Yes	Yes	No	No	Yes	Yes	No[2]
NX Networked – Wired/Wireless Hybrid								
NXSWD	NXSMP-SMI	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NXWD	N/A	Yes	Yes	No	No	Yes	Yes	Requires a NXBTC, see footnote[1]

1   NXBTC/R needs to be plugged into an available NX SmartPORT™ on the fixture network
2   To program NXWE option, need to consult factory. If connected to an area controller, programming can be done from that

SpectraSync™ Color Tuning Technology:
Control your space based on the needs of the application, specific activities throughout the
day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.

SpectraSync Color Tuning Technology

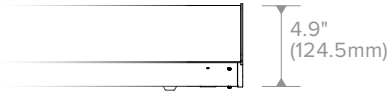| SPECTRASYNC COLOR TUNING TECHNOLOGY		
Mode	Kelvin Range	Description
Tunable White	2700K-5000K 2700K-6500K	Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space

HUBBELL Lighting

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

RLB
REVERIE™ DECORATIVE LOW BAY

DELIVERED LUMENS

Medium distribution results shown below.

Catalog #	COLOR TEMP	DELIVERED LUMENS	WATTS	LPW
RLB4-LL-FAM-EDU	3000K	3949	32.8	120
	3500K	4020	32.8	120
	4000K	4071	32.8	120
	5000K	4206	32.8	120
RLB4-LM-FAM-EDU	3000K	5688	51	112
	3500K	5790	51	112
	4000K	5864	51	112
	5000K	6058	51	112
RLB4-LH-FAM-EDU	3000K	7530	63.3	119
	3500K	7666	63.3	119
	4000K	7763	63.3	119
	5000K	8019	63.3	119
RLB4-LV-FAM-EDU	3000K	9507	83.4	114
	3500K	9678	83.4	114
	4000K	9802	83.4	114
	5000K	10125	83.4	114
RLB4-LX-FAM-EDU	3000K	11357	94.4	120
	3500K	11561	94.4	120
	4000K	11709	94.4	120
	5000K	12095	94.4	120
RLB8-LL-FAM-EDU	3000K	7898	65.6	120
	3500K	8040	65.6	120
	4000K	8143	65.6	120
	5000K	8411	65.6	120
RLB8-LM-FAM-EDU	3000K	11376	102.4	112
	3500K	11581	102.4	112
	4000K	11729	102.4	112
	5000K	12115	102.4	112
RLB8-LH-FAM-EDU	3000K	15060	126.4	119
	3500K	15331	126.4	119
	4000K	15527	126.4	119
	5000K	16039	126.4	119
RLB8-LV-FAM-EDU	3000K	19014	165.2	114
	3500K	19356	165.2	114
	4000K	19603	165.2	114
	5000K	20250	165.2	114
RLB8-LX-FAM-EDU	3000K	22714	188.8	120
	3500K	23123	188.8	120
	4000K	23418	188.8	120
	5000K	24190	188.8	120

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DIMENSIONS

FIXTURE HEIGHT (ALL SIZES)

4.9"
(124.5mm)
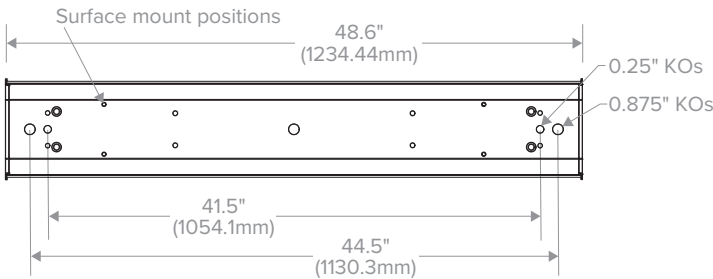
END VIEW (ALL SIZES)
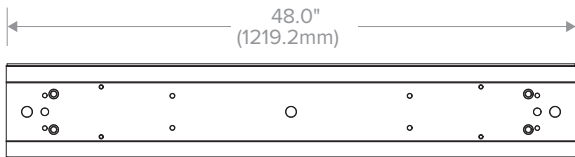
5.0"
(127mm)

5.1"
(129.5mm)

8.4"
(213.4mm)
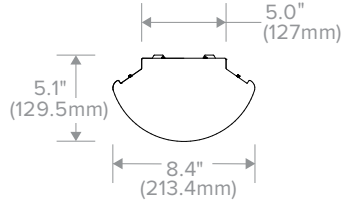
KOs (ALL SIZES)

• 0.25" (¼") KOs are for CM (Cable Mount) Kits

• 0.875" (⅞") KOs are for wiring and stem mounting

4' SINGLE ASSEMBLY

Surface mount positions
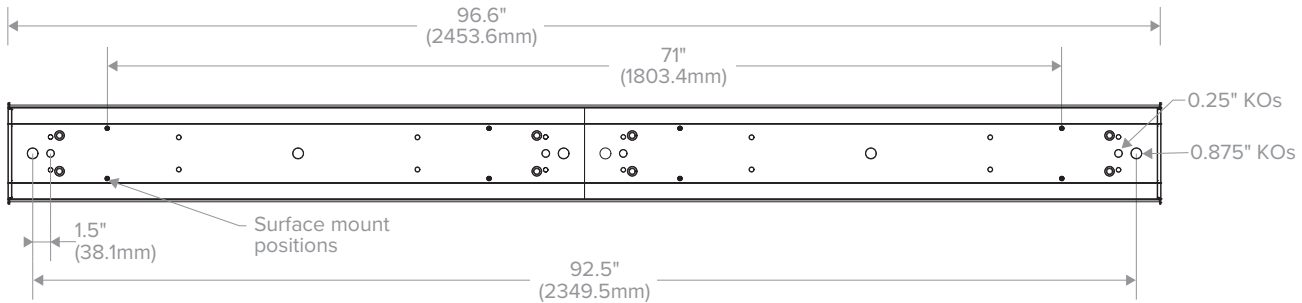
48.6"
(1234.44mm)

0.25" KOs
0.875" KOs

41.5"
(1054.1mm)

44.5"
(1130.3mm)

4' INTERMEDIATE ASSEMBLY

48.0"
(1219.2mm)

4' END OF ROW ASSEMBLY

48.3"
(1226.82mm)

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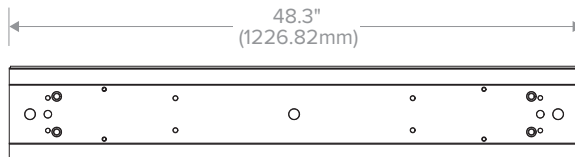
DIMENSIONS, CONTINUED

8' SINGLE ASSEMBLY

96.6"
(2453.6mm)

71"
(1803.4mm)

0.25" KOs

0.875" KOs

1.5"
(38.1mm)

Surface mount positions

92.5"
(2349.5mm)

8' INTERMEDIATE ASSEMBLY

96.0"
(2438.4mm)
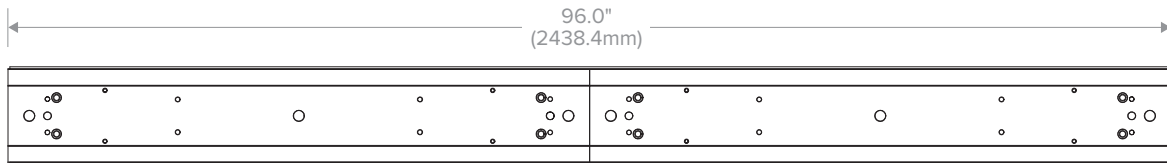
8' END OF ROW ASSEMBLY

96.5"
(2451.1mm)
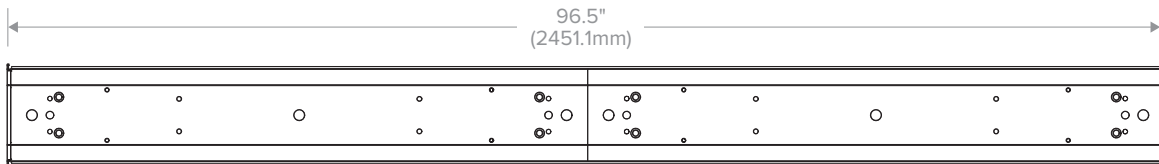
ADDITIONAL INFORMATION

DTS WIRING DIAGRAM (0–10V DIMMING DRIVER SHOWN)

WHITE / BLUE
BLUE
BLACK
WHITE
RED
VIOLET
GRAY

YELLOW (#5)

ORANGE

UTILITY POWER   TEST   EMERGENCY POWER

SMALL YELLOW (CAP)

WHITE

BLACK

DRIVER

GRAY

VIOLET

WHITE/BLUE	Emergency Neutral
BLUE	Emergency Line
BLACK	Utility Line (Unswitched Hot)
WHITE	Utility Neutral
RED	Switched Hot
VIOLET	Dimming
GRAY	Dimming

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RLB
REVERIE™ DECORATIVE LOW BAY

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

PHOTOMETRY

RLB4-30LM-FAM-EDU

LUMINAIRE DATA

Test No.	18.01764
Description	Reverie LED Low Bay, Surface Linear 8" x 48" LED with frosted acrylic medium distribution lens
Delivered Lumens	5688
Watts	51.00
Efficacy	112
Mounting	Pendant
Spacing Criterion	0º = 1.21 90º = 1.28

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1305	22.9
0–40	2129	37.4
0–60	3782	66.5
0–90	5244	92.2
0–180	5688	100

POLAR GRAPH

Horiz 0-180

0.0 —— 45.0 —— 90.0 ——
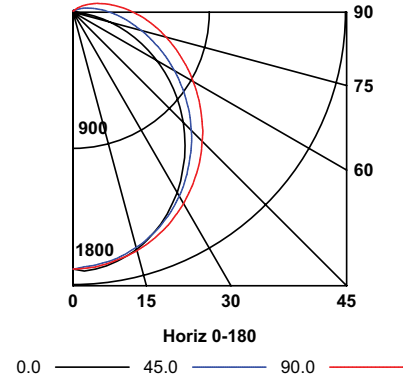
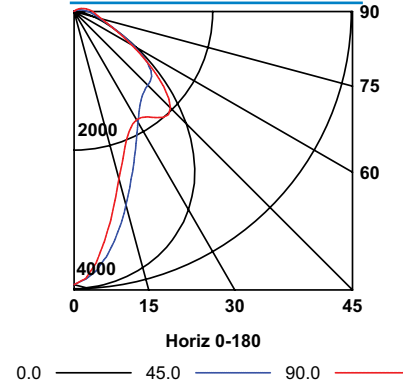### RLB4-30LH-FAN-EDU

LUMINAIRE DATA

Test No.	19.00082
Description	Reverie Lowbay Linear Ambient High Lumen Output w/ 25-pct Frosted Acrylic, Narrow Distribution Refractor
Delivered Lumens	7701
Watts	63.2
Efficacy	112
Mounting	Pendant
Spacing Criterion	0º = 1.24 90º = 0.64

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	2300	29.9
0–40	3544	46
0–60	5995	77.8
0–90	7341	95.3
0–180	7701	100

POLAR GRAPH

Horiz 0-180

0.0 —— 45.0 —— 90.0 ——
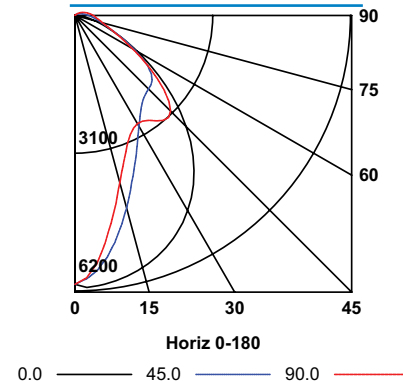
RLB4-30LXHE-FAN-EDU

LUMINAIRE DATA

Test No.	RLB4-30LXHE-FAN-EDU
Description	Reverie LED Low Bay, Surface Linear 8" x 48" LED with frosted acrylic narrow lens
Delivered Lumens	11,966
Watts	94.00
Efficacy	127
Mounting	Surface
Spacing Criterion	0º = 1.24 90º = 0.65

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	3561	29.8
0–40	5495	45.9
0–60	9304	77.7
0–90	11408	95.3
0–180	11966	100

POLAR GRAPH

Horiz 0-180

0.0 —— 45.0 —— 90.0 ——

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