

Inde-Pendant **POWERHUBB™** PoE LIGHTING & CONTROL Surface Direct

Fixture Type:

Project Name:

Ordering Guide

Feature	Code	Options	Description
Series		32LPH	Inde-Pendant PowerHUBB™
Configuration		C	Cylinder
Mounting		S	Surface
Fixture distribution		D	Direct
Primary Finish		C1 C4 C5 CC	Matte White (Default) Machined Aluminum Carbon Black Custom Color
Accent Finish		/AC1 /AC4 /AC5 /ACC	Matte Finish (Default) Machined Aluminum Carbon Black Custom Color
Color temperature		30K 35K 40K	3000K 3500K 4000K
Cylinder Direct Output <i>(specifiable in 50 lumens increments)</i>		D060 D200	600 2000
PowerHUBB™ Node		PM PMC	PowerHUBB On/Off/1% Dim, Master PowerHUBB On/Off/1% Dim, Control Inputs, Master
Circuiting		1C	1 Circuit
Ceiling Type		GDW PT	Grid or Drywall (Default) Plaster Trim



Key Features

- Variable Intensity technology provides specifiable lumen output/wattage
- 2.5 SDCM color variation
- Remote-mounted PowerHUBB assembly
- Customizable finish variations



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32LPH-C-S-D

Inde-Pendant POWERHUBB™ PoE LIGHTING & CONTROL Surface Direct

Details

Construction:

PowerHUBB enclosure (GDW & PT)- Die formed steel. Canopy assembly contains die cast aluminum housing with steel canopy fascia plate that secures to housing using neodymium magnets. Canopy contains nylon bushings as power over aircraft isolation.
6" Ceiling depth required for PowerHUBB enclosure installation.
Cylinder- Die cast aluminum cylinders containing nylon bushings as power over aircraft isolation.

Downlight diffuser:

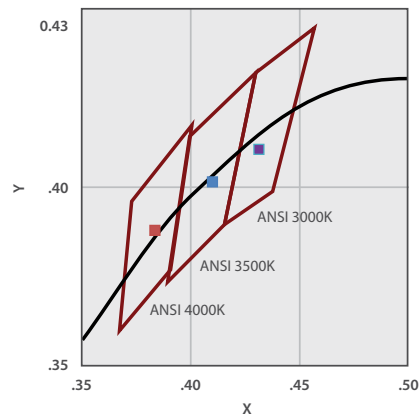
Cylinder- Inner lens is soft diffuse acrylic.
Cylinder Outer lens is clear acrylic.

Finish/Color:

Visit www.litecontrol.com/finishes for details.

CCT:

30K-3000K output multiplier (0.97)
35K-3500K output multiplier (1.00)
40K-4000K output multiplier (1.02)
* All photometric files below based off 3500K. Any deviation from this color temperature is subject to have lumen output altered by multiplier shown.
Ex. 2000 lm x .97=1940 lm in 3000K



Color Variation:

2 step MacAdam ellipse

Output (VI technology):

Variable Intensity (VI) technology allows precise specification of fixture output/wattage. Fixture will be programmed and labeled to specification. Specify each in 50 lumen increments/ft within the below range:

Lumens	Nomenclature
Cylinder Direct	
Min: 600	D060
Max: 2000	D200

PowerHUBB: POWERHUBB™
PoE LIGHTING & CONTROL

Hubbell Control Solutions' PowerHUBB™ is an enterprise-level Power over Ethernet (PoE) lighting and control platform that seamlessly integrates luminaires, sensors, user interfaces and software for a scalable intelligent building control solution. PowerHUBB™ PoE Lighting and Control options provide low-voltage wired connectivity for Power-Over-Ethernet network system deployment.

PM: PowerHUBB On/Off/1% Dim, Master
PMC: PowerHUBB On/Off/1% Dim, Control Inputs, Master
See separate [PowerHUBB™ In-Fixture Solutions Guide](#) and Hubbell Control Solutions [PowerHUBB Brochure](#) for more details.

Field Accessibility:

Light engines can be accessed and removed from below ceiling. Contact factory for details.

Circuiting:

1C (1 Circuit) Fixture wired for a single circuit.

Rated Life (LED Board):

Tested in accordance to LM79-2008 & derived from EPA TM-21 calculator
L70: > 51,000 hours

Fixture Weight:

4 lbs.

Ratings:

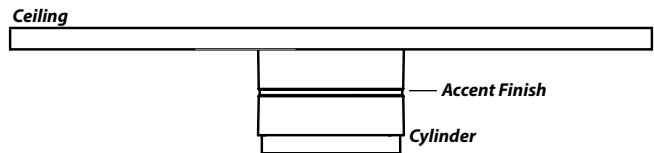
UL 2108 listed.

Warranty:

LED boards- 5 years
PowerHUBB Nodes- 5 years

Planning for Installation:

See below image for installation application.
*For complete details, reference Installation Instructions at Litecontrol.com.



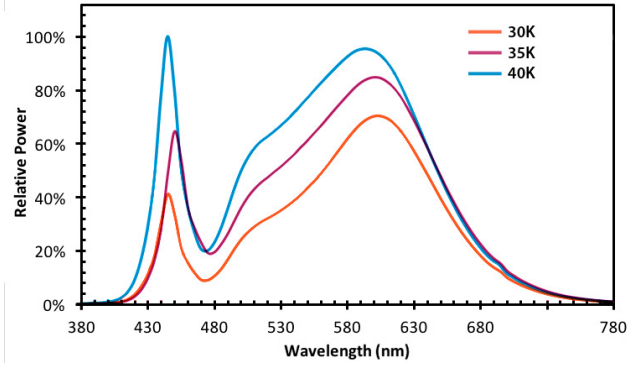
Inde-Pendant **POWERHUBB™** PoE LIGHTING & CONTROL Surface Direct

Details (continued)

Color Characteristics:

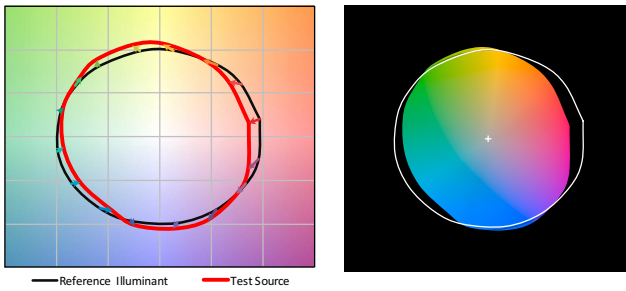
Value	30K	35K	40K
Rf	81	84	81
Rg	98	96	97
CCT (K)	3014	3435	3911
Duv	-0.0004	0.0016	0.0017
x	0.4353	0.4108	0.3857
y	0.4025	0.3973	0.3837
CIE Ra	81	83	81

Spectral Distribution:

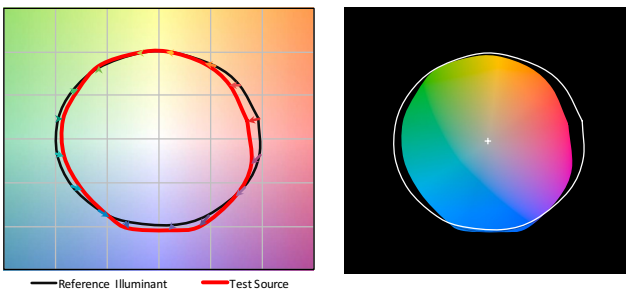


Color Vector Graphic:

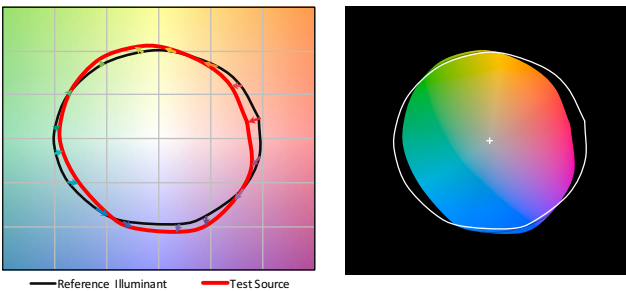
30K:



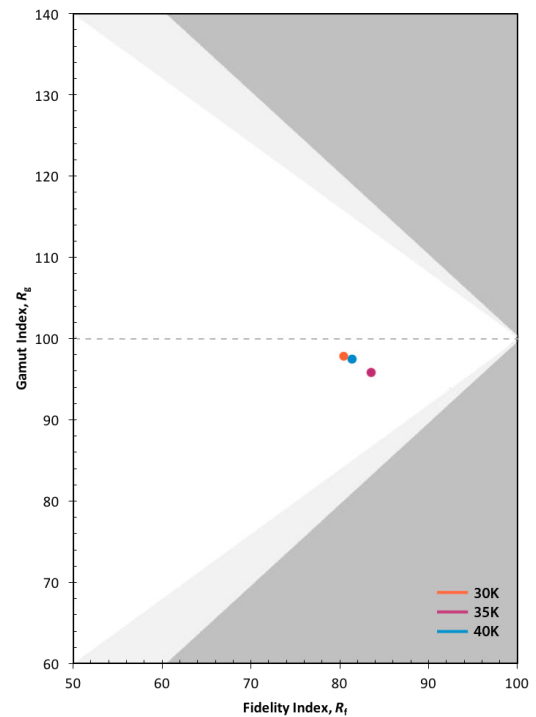
35K:



40K:



Color Gamut/Fidelity Plot:



CRI:

80 minimum

CCT	CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
30K	81	79	88	97	80	80	87	82	57	0	74	80	73	80	98
35K	83	81	90	96	82	82	87	85	63	9	76	81	67	83	98
40K	81	79	86	93	82	80	83	85	63	2	69	82	67	80	96

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32LPH-C-S-D

Photometry

Fixture: 32LPH-C-S-D-CX/CX-30K-D185

CCT: 3000K

Output: D185

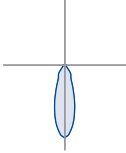
Nominal lumens: 1850 lumens

Efficacy: 104 lm/W

Test report: 32LPH-C-S-D-CX/CX-30K-D185.IES

Zonal Lumens

Zone	Lumens	Lamp %
0-40	1521	80.5%
0-60	1736	91.9%
0-90	1878	99.5%
90-180	10	0.5%
0-180	1889	100.0%



Performance- Cylinder Direct

Nomenclature	Lumens/unit	W/unit	Efficacy
D060	600	5.4	110
D065	650	5.9	110
D070	700	6.4	110
D075	750	6.9	109
D080	800	7.3	109
D085	850	7.8	108
D090	900	8.3	108
D095	950	8.8	108
D100	1000	9.2	108
D105	1050	9.7	108
D110	1100	10.2	108
D115	1150	10.7	108
D120	1200	11.2	108
D125	1250	11.6	108
D130	1300	12.1	107
D135	1350	12.6	107
D140	1400	13.1	107
D145	1450	13.7	106
D150	1500	14.2	106
D155	1550	14.7	105
D160	1600	15.2	105
D165	1650	15.7	105
D170	1700	16.3	104
D175	1750	16.8	104
D180	1800	17.3	104
D185	1850	17.8	104
D190	1900	18.4	104
D195	1950	18.9	103
D200	2000	19.5	103

(Data based on a typical circuit Vf. Actual circuit Vf could vary +/- 8% based on temperature and LED voltage bin tolerances)

