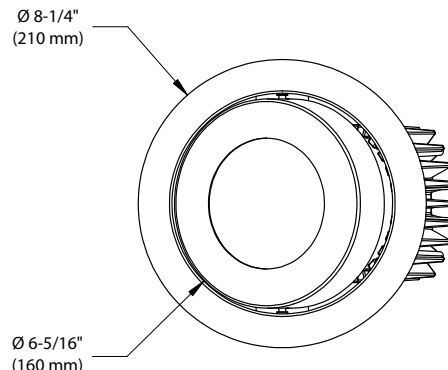
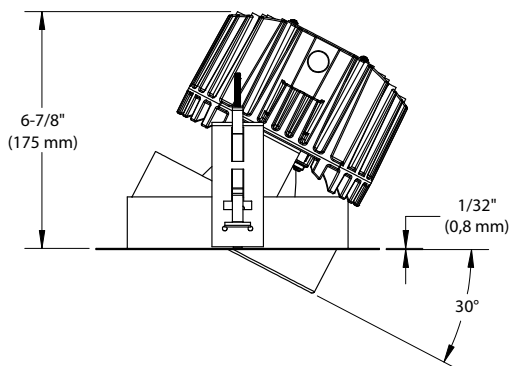


# HexaLED

6" Series

## Adjustable lockable HexaLED

Project
Notes
Fixture Type
Date



### DESCRIPTION

Contrast combined advanced technology LED components to create a new and powerful unit that will meet every specification project needs. Stop looking for the ideal LED recessed luminaire for your projects. Our new HexaLED will deliver the exact lumen output to meet the desired lighting performance that is suitable for a wide variety of architectural applications including retail stores, restaurants, hotels, office spaces, museums and art galleries, public areas and other interiors.

### SPECIFICATIONS

COLOR TEMPERATURE	3,000K, 3,500K and 4,000K
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LED MODULE	CREE CXA2530 LED providing binning freedom with single 4 step MacAdam ellipse color performance control. ANSI binning requirements
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LUMEN OUTPUT	1,700 lumens to 3,100 lumens with 80+ CRI 60 to 85 lumens/watt
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	22W	30W	40W
3,000K	1,700 lms	2,220 lms	2,700 lms
3,500K	1,850 lms	2,400 lms	2,900 lms
4,000K	1,950 lms	2,550 lms	3,100 lms

CRI	80 + standard 90 + available with 3,000K
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TRIM	Plated die-formed steel, with powder coating, marine grade option available. Adjustable center is lockable.
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BEAM	15°, 21° and 46°, adjustable and lockable
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LENS	Clear glass lens
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HEAT SINK	Very high quality injected aluminum ensuring maximum heat dissipation
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LIFESPAN	L <sub>70</sub> @ 50,000 hours
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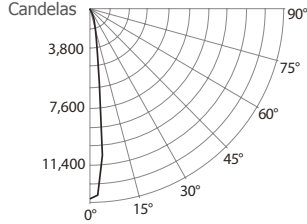
HOUSING	Can be used with 6" Contrast new construction housing with emergency lighting  Ex.: NWHEXxxxx-EM
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WARRANTY	5 year warranty on LED module and driver
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CERTIFICATION	cULus <b>E343977</b> for <b>damp locations</b>
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**3,000K, Power 1, Spot Beam**

**CANDLEPOWER DISTRIBUTION**



**CONE OF LIGHT**

Distance	FC	DIA
06'	435.0	1.6
08'	244.7	2.1
10'	156.6	2.7
12'	108.8	3.2
14'	79.9	3.7
16'	61.2	4.2
18'	48.3	4.8
20'	39.2	5.3

**Beam: 15°**  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

**LUMINAIRE**

<b>Power 1 HexaLED</b>	3,000K Spot Beam
<b>Equivalent Bulbs</b>	20W HID / 2X13W TTT
<b>CBCP / Lumens</b>	15,660 / 1,719
<b>Watts</b>	<b>120V 277V</b> 23.5W 23.5W
<b>Operating AMPS</b>	0.19A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	73.1
<b>Spacing Criteria</b>	0.24
<b>Certificate LM79-08</b>	00025
<b>Base on luminaire efficiency 85%</b>	

**COEFFICIENT OF UTILIZATION - %**

Ceiling Reflect %	80			50			30			
Wall Reflect %	50	30	50	30	50	30	50	30	50	
<b>RCR</b>	0	119	119	111	111	106	106	106	106	106
	2	108	105	104	102	101	99	99	99	99
	4	100	97	97	95	96	93	93	93	93
	6	94	90	92	89	91	88	88	88	88
	8	89	85	88	85	87	84	84	84	84
	10	85	81	84	81	83	80	80	80	80

**Zonal Cavity Method Effective Floor**  
Cavity Reflectance 20%

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%LUMINAIRE
0-30	1,666	97%
0-40	1,704	99%
0-60	1,715	99%
60-90	5.3	0.3%
0-90	1,719	100%

**MULTIPLE UNIT DATA - (RCR 2)**

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/ SQ. FT.
5'	82	1.04
6'	46	0.59
7'	32	0.41
8'	32	0.41
9'	21	0.26

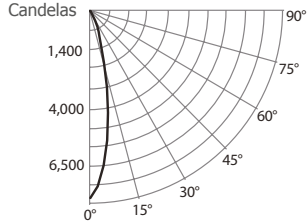
38' X 38' X 10' Room. Workplane 2-1/2" above floor.  
80/50/20% Reflectances

**CANDELA DISTRIBUTION**

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	15,660	45	9
5	12,138	55	2
10	3,727	65	3
15	1,892	75	2
20	1,142	85	2
25	735	90	0
35	44		

**3,000K, Power 1, Medium Beam**

**CANDLEPOWER DISTRIBUTION**



**CONE OF LIGHT**

Distance	FC	DIA
06'	220.3	2.3
08'	123.9	3.1
10'	79.3	3.9
12'	55.1	4.7
14'	40.5	5.4
16'	31.0	6.2
18'	24.5	7.0
20'	19.8	7.8

**Beam: 22°**  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

**LUMINAIRE**

<b>Power 1 HexaLED</b>	3,000K Medium Beam
<b>Equivalent Bulbs</b>	20W HID / 2X13W TTT
<b>CBCP / Lumens</b>	7,930 / 1,584
<b>Watts</b>	<b>120V 277V</b> 23.5W 23.5W
<b>Operating AMPS</b>	0.19A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	67.4
<b>Spacing Criteria</b>	0.37
<b>Certificate LM79-08</b>	00026
<b>Base on luminaire efficiency 85%</b>	

**COEFFICIENT OF UTILIZATION - %**

Ceiling Reflect %	80			50			30			
Wall Reflect %	50	30	50	30	50	30	50	30	50	
<b>RCR</b>	0	119	119	111	111	106	106	106	106	106
	2	108	105	103	101	100	98	98	98	98
	4	99	95	96	93	94	91	91	91	91
	6	92	88	90	86	89	86	86	86	86
	8	86	82	85	81	84	81	81	81	81
	10	81	77	80	77	79	76	76	76	76

**Zonal Cavity Method Effective Floor**  
Cavity Reflectance 20%

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%LUMINAIRE
0-30	1,525	96.3%
0-40	1,570	99.1%
0-60	1,581	99.8%
60-90	2.7	0.2%
0-90	1,584	100%

**MULTIPLE UNIT DATA - (RCR 2)**

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/ SQ. FT.
5'	75	1.04
6'	42	0.59
7'	29	0.41
8'	29	0.41
9'	19	0.26

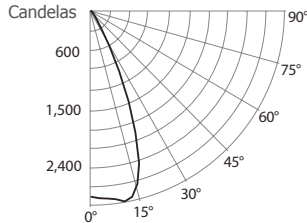
38' X 38' X 10' Room. Workplane 2-1/2" above floor.  
80/50/20% Reflectances

**CANDELA DISTRIBUTION**

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	7,930	45	11
5	6,587	55	3
10	4,392	65	1
15	2,273	75	1
20	1,176	85	0
25	743	90	0
35	54		

**3,000K, Power 1, Wide Beam**

**CANDLEPOWER DISTRIBUTION**



**CONE OF LIGHT**

Distance	FC	DIA
06'	82.4	5.1
08'	46.3	6.8
10'	29.7	8.5
12'	20.6	10.1
14'	15.1	11.8
16'	11.6	13.5
18'	9.2	15.2
20'	7.4	16.9

**Beam: 46°**  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

**LUMINAIRE**

<b>Power 1 HexaLED</b>	3,000K Wide Beam
<b>Equivalent Bulbs</b>	20W HID / 2X13W TTT
<b>CBCP / Lumens</b>	2,965 / 1,645
<b>Watts</b>	<b>120V 277V</b> 23.5W 23.5W
<b>Operating AMPS</b>	0.19A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	70
<b>Spacing Criteria</b>	0.67
<b>Certificate LM79-08</b>	00027
<b>Base on luminaire efficiency 85%</b>	

**COEFFICIENT OF UTILIZATION - %**

Ceiling Reflect %	80			50			30			
Wall Reflect %	50	30	50	30	50	30	50	30	50	
<b>RCR</b>	0	119	119	111	111	106	106	106	106	106
	2	106	103	101	99	98	96	96	96	96
	4	96	91	92	89	91	88	88	88	88
	6	87	82	85	81	84	80	80	80	80
	8	80	75	78	74	77	74	74	74	74
	10	74	69	72	68	72	68	68	68	68

**Zonal Cavity Method Effective Floor**  
Cavity Reflectance 20%

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%LUMINAIRE
0-30	1,545	94%
0-40	1,622	98.6%
0-60	1,640	99.7%
60-90	4.3	0.3%
0-90	1,645	100%

**MULTIPLE UNIT DATA - (RCR 2)**

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/ SQ. FT.
5'	77	1.04
6'	43	0.59
7'	30	0.41
8'	30	0.41
9'	19	0.26

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

**CANDELA DISTRIBUTION**

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	2,965	45	13
5	3,009	55	6
10	3,090	65	3
15	2,863	75	1
20	2,072	85	0
25	1,059	90	0
35	107		

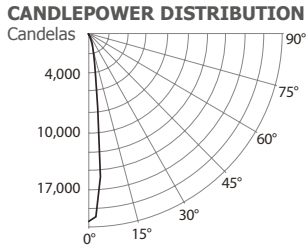


# HexaLED 6" Series

For temperature 3,500K, add 7%  
to the photometric data of the  
temperature 3,000K.

PHOTOMETRIC DATA  
**3,000K**  
**Power 2**

### 3,000K, Power 2, Spot Beam



#### CONE OF LIGHT

Distance	FC	DIA
06'	561.7	1.6
08'	316.0	2.1
10'	202.2	2.6
12'	140.4	3.2
14'	103.2	3.7
16'	79.0	4.2
18'	62.4	4.8
20'	50.6	5.3

Beam: 15°  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

#### LUMINAIRE

Power 2 HexaLED	3,000K Spot Beam
Equivalent Bulbs	39W HID / 2X18W TTT
CBCP / Lumens	20,222 / 2,220
Watts	120V 277V 32.5W 32.5W
Operating AMPS	0.27A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	68.3
Spacing Criteria	0.24
Certificate LM79-08	00028

Base on luminaire efficiency 85%

#### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80			50			30		
Wall Reflect %	50	30	50	30	50	30	50	30	50
RCR	0	119	119	111	111	106	106	106	106
	2	108	105	103	101	101	99	99	
	4	100	97	97	94	96	93	93	
	6	94	90	92	89	91	88	88	
	8	89	85	88	84	87	84	84	
	10	85	81	84	81	83	80	80	

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	2,146	96.7%
0-40	2,197	99%
0-60	2,212	99.6%
60-90	7.8	0.4%
0-90	2,220	100%

#### MULTIPLE UNIT DATA - (RCR 2)

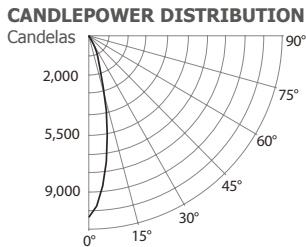
SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	106	1.44
6'	60	0.81
7'	42	0.56
8'	42	0.56
9'	27	0.36

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

#### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	20,222	45	13
5	15,485	55	3
10	4,825	65	2
15	2,435	75	2
20	1,471	85	3
25	942	90	0
35	59		

### 3,000K, Power 2, Medium Beam



#### CONE OF LIGHT

Distance	FC	DIA
06'	282.6	2.4
08'	159.0	3.1
10'	101.7	3.9
12'	70.7	4.7
14'	51.9	5.5
16'	39.7	6.3
18'	31.4	7.1
20'	25.4	7.8

Beam: 22°  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

#### LUMINAIRE

Power 2 HexaLED	3,000K Medium Beam
Equivalent Bulbs	39W HID / 2X18W TTT
CBCP / Lumens	10,174 / 2,055
Watts	120V 277V 32.5W 32.5W
Operating AMPS	0.27A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	+ 80
Lumens/Watt	63.1
Spacing Criteria	0.37
Certificate LM79-08	00029

Base on luminaire efficiency 85%

#### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80			50			30		
Wall Reflect %	50	30	50	30	50	30	50	30	50
RCR	0	119	119	111	111	106	106	106	106
	2	107	104	103	100	100	98	98	
	4	99	95	96	93	94	91	91	
	6	92	87	90	86	88	85	85	
	8	86	82	84	81	84	80	80	
	10	81	77	80	76	79	76	76	

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	1,973.7	96%
0-40	2,032.8	98.9%
0-60	2,049.1	99.7%
60-90	5.8	0.3%
0-90	2,055	100%

#### MULTIPLE UNIT DATA - (RCR 2)

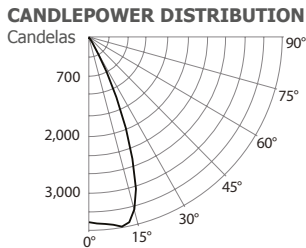
SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	98	1.44
6'	55	0.81
7'	38	0.56
8'	38	0.56
9'	24	0.36

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

#### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	10,174	45	14
5	8,482	55	5
10	5,675	65	3
15	2,967	75	2
20	1,527	85	2
25	959	90	0
35	71		

### 3,000K, Power 2, Wide Beam



#### CONE OF LIGHT

Distance	FC	DIA
06'	105.6	5.1
08'	59.4	6.8
10'	38.0	8.5
12'	26.4	10.2
14'	19.4	11.8
16'	14.8	13.5
18'	11.7	15.2
20'	9.5	16.9

Beam: 46°  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

#### LUMINAIRE

Power 2 HexaLED	3,000K Wide Beam
Equivalent Bulbs	39W HID / 2X18W TTT
CBCP / Lumens	3,801 / 2,115
Watts	120V 277V 32.5W 32.5W
Operating AMPS	0.27A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	65.3
Spacing Criteria	0.67
Certificate LM79-08	00030

Base on luminaire efficiency 85%

#### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80			50			30		
Wall Reflect %	50	30	50	30	50	30	50	30	50
RCR	0	119	119	111	111	106	106	106	106
	2	106	102	101	99	98	96	96	
	4	95	91	92	89	90	87	87	
	6	87	82	85	81	83	80	80	
	8	80	75	78	74	77	74	74	
	10	73	69	72	68	72	68	68	

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	1,984	93.8%
0-40	2,083.8	98.5%
0-60	2,108	99.7%
60-90	7.2	0.3%
0-90	2,115	100%

#### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	99	1.44
6'	56	0.81
7'	39	0.56
8'	39	0.56
9'	25	0.36

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

#### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	3,801	45	18
5	3,857	55	8
10	3,959	65	4
15	3,671	75	2
20	2,662	85	1
25	1,363	90	0
35	137		



# CONTRASTE

1009, rue du Parc Industriel  
Lévis (Québec) G6Z 1C5 Canada  
Tel.: 1-888-839-4624  
Fax.: 1-877-839-7057  
contrastlighting.com  
info@contrastlighting.com

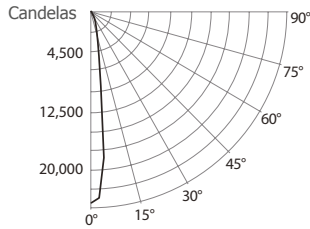
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**HexaLED** 6" Series

**3,000K, Power 3, Spot Beam**

**CANDLEPOWER DISTRIBUTION**



**CONE OF LIGHT**

Distance	FC	DIA
06'	680.1	1.6
08'	382.6	2.1
10'	244.8	2.6
12'	170.0	3.2
14'	124.9	3.7
16'	95.6	4.2
18'	75.6	4.8
20'	61.2	5.3

Beam: 15°  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

**LUMINAIRE**

<b>Power 3 HexaLED</b>	3,000K Spot Beam
<b>Equivalent Bulbs</b>	50W HID / 2 X 26W TTT
<b>CBCP / Lumens</b>	24,484 / 2,678
<b>Watts</b>	120V 277V 42.7W 42.7W
<b>Operating AMPS</b>	0.36A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	63.1
<b>Spacing Criteria</b>	0.24
<b>Certificate LM79-08</b>	00031
<b>Base on luminaire efficiency 85%</b>	

**COEFFICIENT OF UTILIZATION - %**

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
<b>RCR</b>	0	119	119	111	111	106	106
	2	108	105	104	101	101	99
	4	100	97	97	95	96	93
	6	94	90	92	89	91	88
	8	89	85	88	85	87	84
	10	85	81	84	81	83	80

**Zonal Cavity Method Effective Floor**  
Cavity Reflectance 20%

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%LUMINAIRE
0-30	2,592.5	96.8%
0-40	2,653.2	99.1%
0-60	2,669.7	99.7%
60-90	7.8	0.3%
0-90	2,678	100%

**MULTIPLE UNIT DATA - (RCR 2)**

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	128	1.89
6'	72	1.06
7'	50	0.74
8'	50	0.74
9'	32	0.47

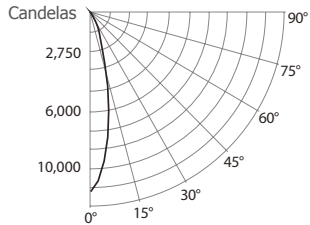
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

**CANDELA DISTRIBUTION**

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	24,484	45	16
5	18,833	55	5
10	5,807	65	2
15	2,941	75	2
20	1,778	85	2
25	1,143	90	0
35	70		

**3,000K, Power 3, Medium Beam**

**CANDLEPOWER DISTRIBUTION**



**CONE OF LIGHT**

Distance	FC	DIA
06'	336.2	2.3
08'	189.1	3.1
10'	121.0	3.9
12'	84.0	4.7
14'	61.8	5.5
16'	47.3	6.3
18'	37.4	7.0
20'	30.3	7.8

Beam: 22°  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

**LUMINAIRE**

<b>Power 3 HexaLED</b>	3,000K Medium Beam
<b>Equivalent Bulbs</b>	50W HID / 2 X 26W TTT
<b>CBCP / Lumens</b>	12,103 / 2,468
<b>Watts</b>	120V 277V 42.7W 42.7W
<b>Operating AMPS</b>	0.36A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	58.2
<b>Spacing Criteria</b>	0.37
<b>Certificate LM79-08</b>	00032
<b>Base on luminaire efficiency 85%</b>	

**COEFFICIENT OF UTILIZATION - %**

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
<b>RCR</b>	0	119	119	111	111	106	106
	2	107	104	102	100	99	98
	4	98	94	95	92	93	91
	6	91	87	89	86	88	85
	8	85	81	84	80	83	80
	10	80	76	79	76	79	75

**Zonal Cavity Method Effective Floor**  
Cavity Reflectance 20%

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%LUMINAIRE
0-30	2,344.3	95%
0-40	2,416.7	97.9%
0-60	2,445.2	99.1%
60-90	22.6	0.9%
0-90	2,468	100%

**MULTIPLE UNIT DATA - (RCR 2)**

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	117	1.89
6'	66	1.06
7'	46	0.74
8'	46	0.74
9'	29	0.47

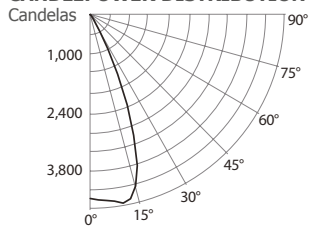
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

**CANDELA DISTRIBUTION**

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	12,103	45	22
5	10,088	55	11
10	6,749	65	9
15	3,502	75	7
20	1,811	85	6
25	1,145	90	0
35	90		

**3,000K, Power 3, Wide Beam**

**CANDLEPOWER DISTRIBUTION**



**CONE OF LIGHT**

Distance	FC	DIA
06'	128.4	5.1
08'	72.2	6.8
10'	46.2	8.5
12'	32.1	10.2
14'	23.6	11.9
16'	18.1	13.5
18'	14.3	15.2
20'	11.6	16.9

Beam: 46°  
Beam Edge defined as 50%  
of Maximum Nadir Candle-power.

**LUMINAIRE**

<b>Power 3 HexaLED</b>	3,000K Wide Beam
<b>Equivalent Bulbs</b>	50W HID / 2 X 26W TTT
<b>CBCP / Lumens</b>	4,621 / 2,573
<b>Watts</b>	120V 277V 42.7W 42.7W
<b>Operating AMPS</b>	0.36A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	60.2
<b>Spacing Criteria</b>	0.67
<b>Certificate LM79-08</b>	00033
<b>Base on luminaire efficiency 85%</b>	

**COEFFICIENT OF UTILIZATION - %**

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
<b>RCR</b>	0	119	119	111	111	106	106
	2	106	103	101	99	98	96
	4	96	91	92	89	90	87
	6	87	82	85	81	84	80
	8	80	75	78	74	77	74
	10	74	69	72	68	72	68

**Zonal Cavity Method Effective Floor**  
Cavity Reflectance 20%

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%LUMINAIRE
0-30	2,414.8	93.9%
0-40	2,536.1	98.6%
0-60	2,564.9	99.7%
60-90	7.6	0.3%
0-90	2,573	100%

**MULTIPLE UNIT DATA - (RCR 2)**

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	120	1.89
6'	68	1.06
7'	47	0.74
8'	47	0.74
9'	30	0.47

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

**CANDELA DISTRIBUTION**

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	4,621	45	21
5	4,694	55	10
10	4,817	65	5
15	4,471	75	2
20	3,238	85	0
25	1,661	90	0
35	167		



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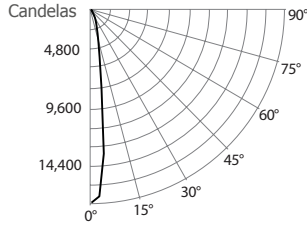
For temperature 3,500K, add 7% to the photometric data of the temperature 3,000K.

PHOTOMETRIC DATA  
4,000K  
Power 1

# HexaLED 6" Series

## 4,000K, Power 1, Spot Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	477.3	1.4'
08'	268.5	1.9'
10'	171.8	2.4'
12'	119.3	2.9'
14'	87.7	3.4'
16'	67.1	3.8'
18'	53.0	4.3'
20'	43.0	4.8'

Beam: 14"  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

Power 1 HexaLED	4,000K	Spot Beam
Equivalent Bulbs	39W HID / 2 X 18W DTT	
CBCP / Lumens	17,181 / 1,941	
Watts	120V	277V
	23.5W	23.5W
Operating AMPS	0.19A	
Lumen Maintenance	L70 @ 50,000 Hrs	
CRI	80 +	
Lumens/Watt	85	
Spacing Criteria	0.2	
Certificate LM79-08	229988	

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR 0	119	119	111	111	106	106
2	110	108	105	103	102	101
4	104	101	101	99	99	97
6	99	96	97	95	96	94
8	95	92	94	91	93	91
10	91	89	91	88	90	88

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	1,869,6	96.3%
0-40	1,918,3	98.8%
0-60	1,933,7	99.6%
60-90	8.0	0.4%
0-90	1,941	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	93	1.04
6'	52	0.58
7'	36	0.41
8'	36	0.41
9'	23	0.26

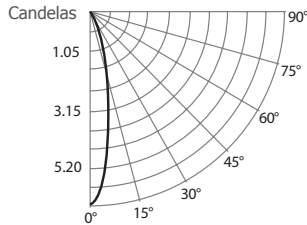
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	17,180	45	13
5	12,890	55	5
10	4,294	65	4
15	2,200	75	2
20	1,316	85	2
25	809	90	0
35	56		

## 4,000K, Power 1, Medium Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	260.5	2.2'
08'	146.5	2.9'
10'	93.8	3.6'
12'	65.1	4.3'
14'	47.9	5.0'
16'	36.6	5.7'
18'	28.9	6.5'
20'	23.4	7.2'

Beam: 20"  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

Power 1 HexaLED	4,000K	Medium Beam
Equivalent Bulbs	39W HID / 2 X 18W DTT	
CBCP / Lumens	9,379 / 1,855	
Watts	120V	277V
	23.5W	23.5W
Operating AMPS	0.19A	
Lumen Maintenance	L70 @ 50,000 Hrs	
CRI	80 +	
Lumens/Watt	81	
Spacing Criteria	0.4	
Certificate LM79-08	229995	

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR 0	119	119	111	111	106	106
2	110	107	105	103	102	101
4	103	100	101	98	99	97
6	98	95	96	94	95	93
8	94	91	92	90	92	89
10	90	87	89	86	88	86

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	1,788,0	95.9%
0-40	1,840,5	98.4%
0-60	1,853,1	99.3%
60-90	1.9	0.7%
0-90	1,855	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	88	1.04
6'	50	0.58
7'	34	0.41
8'	34	0.41
9'	22	0.26

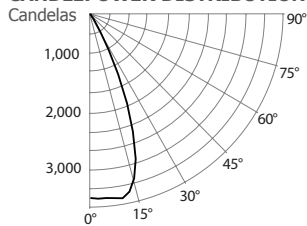
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	9,379	45	12
5	7,783	55	3
10	5,147	65	1
15	2,672	75	0
20	1,375	85	0
25	861	90	0
35	63		

## 4,000K, Power 1, Wide Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	92.7	5.1'
08'	52.2	6.8'
10'	33.4	8.5'
12'	23.2	10.1'
14'	17.0	11.8'
16'	13.0	13.5'
18'	10.3	15.2'
20'	8.3	16.9'

Beam: 46"  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

Power 1 HexaLED	4,000K	Wide Beam
Equivalent Bulbs	26W TTT	
CBCP / Lumens	3,338 / 1,822	
Watts	120V	277V
	23.5W	23.5W
Operating AMPS	0.19A	
Lumen Maintenance	L70 @ 50,000 Hrs	
CRI	80 +	
Lumens/Watt	79	
Spacing Criteria	0.7	
Certificate LM79-08	230001	

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR 0	119	119	111	111	106	106
2	109	106	104	102	101	100
4	101	98	98	96	96	94
6	95	91	93	90	92	89
8	89	85	88	85	87	84
10	84	81	83	80	83	80

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	1,706,1	93.8%
0-40	1,795,8	98.1%
0-60	1,817,0	99.3%
60-90	6.3	0.7%
0-90	1,823,3	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	85	1.03
6'	48	0.58
7'	33	0.4
8'	33	0.4
9'	21	0.26

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	3,338	45	16
5	3,355	55	7
10	3,395	65	3
15	3,095	75	2
20	2,274	85	1
25	1,210	90	0
35	122		



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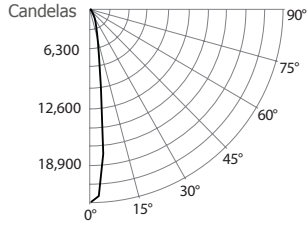
For temperature 3,500K, add 7% to the photometric data of the temperature 3,000K.

PHOTOMETRIC DATA  
4,000K  
Power 2

# HexaLED 6" Series

## 4,000K, Power 2, Spot Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	626.7	1.4'
08'	352.5	1.9'
10'	225.6	2.4'
12'	156.7	2.9'
14'	115.1	3.4'
16'	88.1	3.8'
18'	69.6	4.3'
20'	56.4	4.8'

Beam: 14"  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

Power 2 HexaLED	4,000K Spot Beam
Equivalent Bulbs	50W HID / 2 X 26W TTT
CBCP / Lumens	22,560 / 2,564
Watts	120V 277V 32.5W 32.5W
Operating AMPS	0.27A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	81
Spacing Criteria	0.2
Certificate LM79-08	229990

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR 0	119	119	111	111	106	106
2	110	107	105	103	102	101
4	104	101	101	98	99	97
6	99	96	97	95	96	94
8	95	92	93	91	93	90
10	91	88	90	88	90	87

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	2,459,6	95.9%
0-40	2,524,7	98.5%
0-60	2,548,7	99.4%
60-90	15.5	0.6%
0-90	2,564	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	122	1.46
6'	69	0.82
7'	48	0.57
8'	48	0.57
9'	31	0.37

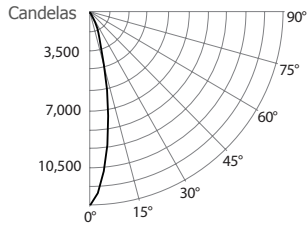
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	22,560	45	19
5	17,011	55	8
10	5,648	65	6
15	2,887	75	5
20	1,728	85	3
25	1,066	90	0
35	75		

## 4,000K, Power 2, Medium Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	344.3	2.3'
08'	193.6	3.1'
10'	123.9	3.8'
12'	86.1	4.6'
14'	63.2	5.4'
16'	48.4	6.1'
18'	38.3	6.9'
20'	31.0	7.7'

Beam: 22"  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

Power 2 HexaLED	4,000K Medium Beam
Equivalent Bulbs	50W HID / 2 X 26W TTT
CBCP / Lumens	12,393 / 2,439
Watts	120V 277V 32.5W 32.5W
Operating AMPS	0.27A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	76
Spacing Criteria	0.4
Certificate LM79-08	229997

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR 0	119	119	111	111	106	106
2	110	107	105	103	102	101
4	103	100	101	98	99	97
6	98	95	96	94	95	93
8	94	91	92	90	92	89
10	90	87	89	86	88	86

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	2,351,7	96.4%
0-40	2,420,2	99.2%
0-60	2,436,1	99.9%
60-90	3.0	0.1%
0-90	2,439	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	116	1.47
6'	65	0.83
7'	45	0.57
8'	45	0.57
9'	29	0.37

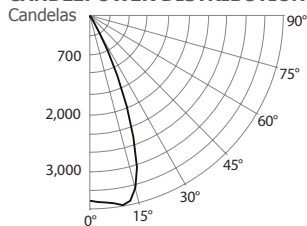
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	12,393	45	16
5	10,263	55	4
10	6,762	65	2
15	3,492	75	1
20	1,804	85	0
25	1,141	90	0
35	83		

## 4,000K, Power 2, Wide Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	121.6	5.1'
08'	68.4	6.8'
10'	43.8	8.5'
12'	30.4	10.1'
14'	22.3	11.8'
16'	17.1	13.5'
18'	13.5	15.2'
20'	10.9	16.9'

Beam: 46"  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

Power 2 HexaLED	4,000K Wide Beam
Equivalent Bulbs	50W HID / 2 X 26W TTT
CBCP / Lumens	4,379 / 2,389
Watts	120V 277V 32.5W 32.5W
Operating AMPS	0.7A
Lumen Maintenance	L70 @ 50,000 Hrs
CRI	80 +
Lumens/Watt	75
Spacing Criteria	0.7
Certificate LM79-08	230003

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30	
Wall Reflect %	50	30	50	30	50	30
RCR 0	119	119	111	111	106	106
2	109	106	104	102	101	100
4	101	98	98	96	96	94
6	95	91	93	90	92	89
8	89	85	88	85	87	84
10	84	81	83	80	83	80

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	2,238,3	93.7%
0-40	2,355,9	98.6%
0-60	2,382,9	99.7%
60-90	6.8	0.3%
0-90	2,389	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	112	1.44
6'	63	0.81
7'	44	0.56
8'	44	0.56
9'	28	0.36

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	4,379	45	20
5	4,399	55	8
10	4,449	65	4
15	4,060	75	2
20	2,986	85	1
25	1,587	90	0
35	159		



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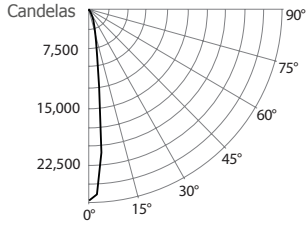
For temperature 3,500K, add 7% to the photometric data of the temperature 3,000K.

PHOTOMETRIC DATA  
4,000K  
Power 3

# HexaLED 6" Series

## 4,000K, Power 3, Spot Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	756.7	1.4
08'	425.7	1.9
10'	272.4	2.4
12'	189.2	2.9
14'	139.0	3.4
16'	106.4	3.8
18'	84.1	4.3
20'	68.1	4.8

Beam: 14°  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

<b>Power 3 HexaLED</b>	4,000K Spot Beam
<b>Equivalent Bulbs</b>	70W HID / 2 X 32W TTT
<b>CBCP / Lumens</b>	27,242 / 3,087
<b>Watts</b>	120V 277V 42.25W 42.25W
<b>Operating AMPS</b>	0.35A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	73
<b>Spacing Criteria</b>	0.2
<b>Certificate LM79-08</b>	229993

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
<b>RCR</b>	0	119	119	111	111	106	106
	2	110	107	105	103	102	101
	4	104	101	101	99	99	97
	6	99	96	97	95	96	94
	8	95	92	94	91	93	90
	10	91	89	90	88	90	88

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	2,970.4	96.2%
0-40	3,048.9	98.7%
0-60	3,074.7	99.6%
60-90	12.8	0.4%
0-90	3,087	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	148	1.9
6'	83	1.07
7'	58	0.74
8'	58	0.74
9'	37	0.47

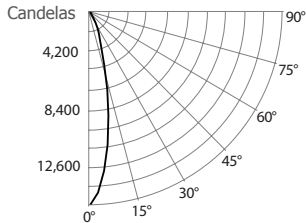
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	27,242	45	23
5	20,542	55	7
10	6,825	65	5
15	3,487	75	4
20	2,086	85	3
25	1,281	90	0
35	89		

## 4,000K, Power 3, Medium Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	414.7	2.3
08'	233.3	3.1
10'	149.3	3.8
12'	103.7	4.6
14'	76.2	5.4
16'	58.3	6.1
18'	46.1	6.9
20'	37.3	7.7

Beam: 22°  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

<b>Power 3 HexaLED</b>	4,000K Medium Beam
<b>Equivalent Bulbs</b>	70W HID / 2 X 32W TTT
<b>CBCP / Lumens</b>	14,930 / 2,949
<b>Watts</b>	120V 277V 42.25W 42.25W
<b>Operating AMPS</b>	0.35A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	69
<b>Spacing Criteria</b>	0.4
<b>Certificate LM79-08</b>	229999

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
<b>RCR</b>	0	119	119	111	111	106	106
	2	110	107	105	103	102	101
	4	103	100	100	98	99	97
	6	98	95	96	94	95	93
	8	94	90	92	89	92	89
	10	90	87	89	86	88	86

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	2,835.1	96.1%
0-40	2,917.0	98.9%
0-60	2,940.5	99.7%
60-90	9.1	0.3%
0-90	2,949	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	140	1.9
6'	79	1.07
7'	55	0.74
8'	55	0.74
9'	35	0.47

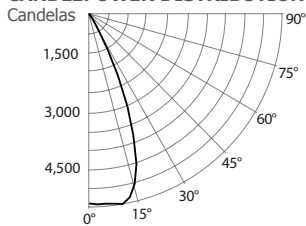
38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	14,930	45	14
5	12,384	55	10
10	8,158	65	7
15	4,210	75	6
20	2,172	85	5
25	1,374	90	4
35	100		

## 4,000K, Power 3, Wide Beam

### CANDLEPOWER DISTRIBUTION



### CONE OF LIGHT

Distance	FC	DIA
06'	146.8	5.1
08'	82.6	6.8
10'	52.8	8.5
12'	36.7	10.2
14'	27.0	11.9
16'	20.6	13.5
18'	16.3	15.2
20'	13.2	16.9

Beam: 46°  
Beam Edge defined as 50% of Maximum Nadir Candle-power.

### LUMINAIRE

<b>Power 3 HexaLED</b>	4,000K Wide Beam
<b>Equivalent Bulbs</b>	70W HID / 2 X 32W TTT
<b>CBCP / Lumens</b>	5,284 / 2,886
<b>Watts</b>	120V 277V 42.25W 42.25W
<b>Operating AMPS</b>	0.35A
<b>Lumen Maintenance</b>	L70 @ 50,000 Hrs
<b>CRI</b>	80 +
<b>Lumens/Watt</b>	68
<b>Spacing Criteria</b>	0.7
<b>Certificate LM79-08</b>	229933

Base on luminaire efficiency 85%

### COEFFICIENT OF UTILIZATION - %

Ceiling Reflect %	80		50		30		
Wall Reflect %	50	30	50	30	50	30	
<b>RCR</b>	0	119	119	111	111	106	106
	2	109	106	104	102	101	100
	4	101	98	98	96	96	94
	6	95	91	93	90	92	89
	8	89	86	88	85	87	84
	10	84	81	83	80	83	80

Zonal Cavity Method Effective Floor  
Cavity Reflectance 20%

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	2,706.3	93.8%
0-40	2,846.2	98.1%
0-60	2,879.0	99.3%
60-90	8.9	0.7%
0-90	2,887	100%

### MULTIPLE UNIT DATA - (RCR 2)

SPACING ON CENTER	INITIAL FOOTCANDLES	WATTS/SQ. FT.
5'	135	1.89
6'	76	1.06
7'	53	0.74
8'	53	0.74
9'	34	0.47

38' X 38' X 10' Room, Workplane 2-1/2" above floor,  
80/50/20% Reflectances

### CANDELA DISTRIBUTION

DEGREES VERTICAL	CANDELA	DEGREES VERTICAL	CANDELA
0	5,284	45	24
5	5,316	55	10
10	5,386	65	5
15	4,915	75	2
20	3,611	85	1
25	1,916	90	0
35	193		



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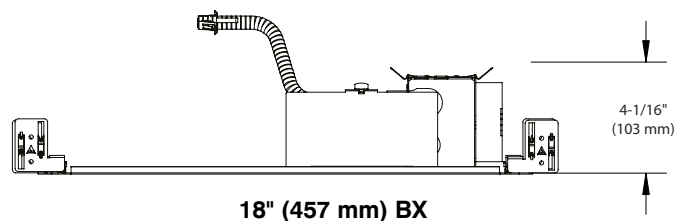
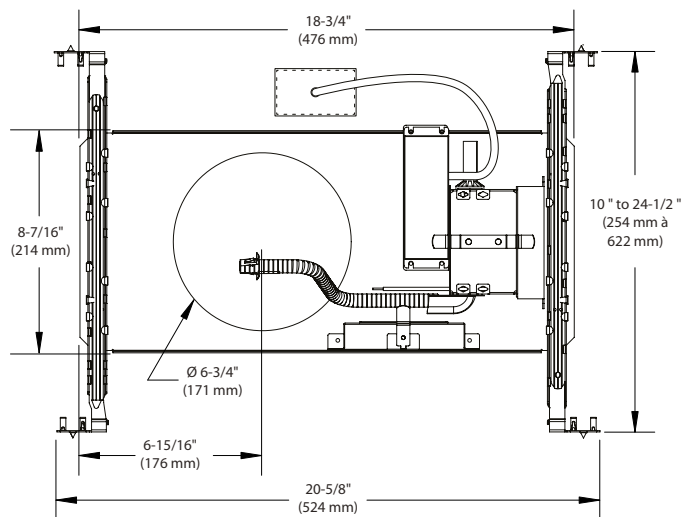
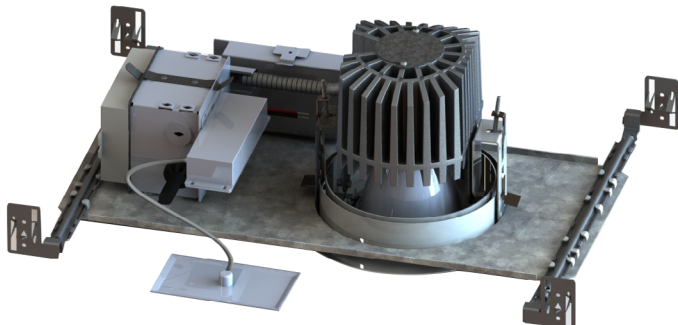
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# HexaLED Emergency Lighting

6" Series

## HexaLED 6" New Construction Housing with Emergency Lighting



### SPECIFICATIONS

EMERGENCY LIGHTING	Runtime: 120 minutes minimum Maximum height installation: 50' Test button and mounting plate: included Battery Lifespan: 5 years
HOUSING DETAILS	Galvanized steel Below-ceiling accessible.
MOUNTING	<b>Ceiling cutout:</b> 6-3/4" (171 mm)  Perfect fit into ceiling. No light leak. Fit into up to 7/8" (22 mm) ceiling thickness. Mounting bars lock into place and adjust from 10" (254 mm) to 24-1/2" (457 mm) on the integral T-Bars tabs. May be installed in trusses or suspended ceilings. 18" BX for easy installation and access to the trim.
DRIVER	Constant current output
WATTAGE	22W, 30W and 40W

DIMMING	3 compatible types of dimmers: <ul style="list-style-type: none"> <li>• Electronic Low Voltage (ELV)</li> <li>• 0-10V (Sinking Control)</li> <li>• Lutron Hi-Lume A-Series LED Driver with Eco System Control / 3-wire (CCR)</li> </ul>
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*Due to constant evolution of LED lamps and associated dimmers we must test them regularly.*

*We invite you to consult frequently our Web site to find our dimmer compatibility list: [www.contrastlighting.com](http://www.contrastlighting.com)*

WARRANTY	5 year warranty on LED module and driver
----------	--

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# HexaLED

## 6" Series

HEXDL-XX-3080S - NWHEX1D3P1

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	1719
Watts	23.52
Lumens per Watt (Efficacy)	73

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

HEXDL-XX-3080S - NWHEX1D3P1

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	2226
Watts	32.57
Lumens per Watt (Efficacy)	68

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

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HEXDL-XX-3080S - NWHEX1D3P1

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	2694
Watts	42.7
Lumens per Watt (Efficacy)	63

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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HEXDL-XX-3080M - NWHEX1D3P1

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	1585
Watts	23.53
Lumens per Watt (Efficacy)	67

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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HEXDL-XX-3080M - NWHEX1D3P2

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	2057
Watts	32.57
Lumens per Watt (Efficacy)	63

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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HEXDL-XX-3080M - NWHEX1D3P3

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	2486
Watts	42.71
Lumens per Watt (Efficacy)	58

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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HEXDL-XX-3080W - NWHEX1D3P1

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	1647
Watts	23.53
Lumens per Watt (Efficacy)	70

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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HEXDL-XX-3080W - NWHEX1D3P1

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	2126
Watts	32.57
Lumens per Watt (Efficacy)	65

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

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HEXDL-XX-3080W - NWHEX1D3P1

**lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	2571
Watts	42.72
Lumens per Watt (Efficacy)	60

Color Accuracy Color Rendering Index (CRI)	80
---	----

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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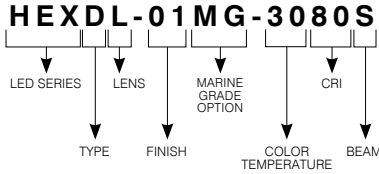
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# HexaLED

## 6" Series

### TRIM CODIFICATION EXAMPLE



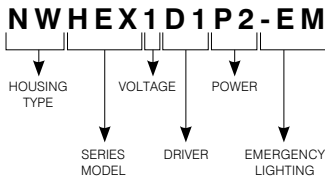
### ORDERING CODE for Trim

LED SERIES	TYPE	LENS	FINISHES	MARINE GRADE	COLOR TEMPERATURE	CRI	BEAMS
<b>HEX</b>	<b>D</b>	<b>L</b>					
<b>HEX</b>	<b>D</b> Adjustable	<b>L</b> Lens	<b>-01</b> White	<b>...</b> Standard	<b>-30</b> 3,000K	<b>80</b> 80+	<b>S</b> Spot (15°)
			<b>-02</b> Black	<b>MG</b> Marine Grade	<b>-35</b> 3,500K	<b>90</b> * 90+	<b>M</b> Medium (21°)
			<b>-11</b> Matte White		<b>-40</b> 4,000K		<b>W</b> Wide (46°)
			<b>-15</b> Metallic Grey				

\*(Only for 3,000K)

**MARINE GRADE** - Unless otherwise indicated, trims are for interior, cold and exterior locations where fixtures are not subjected to direct rain or snow exposure as in soffits. MARINE GRADE treatment is recommended.

### NEW CONSTRUCTION HOUSING WITH EMERGENCY LIGHTING CODIFICATION EXAMPLE



### ORDERING CODE for new construction housing with emergency lighting

HOUSING TYPE	SERIES MODEL	VOLTAGE	DRIVER	POWER	EMERGENCY LIGHTING
<b>NW</b>	<b>HEX</b>				<b>-EM</b>
<b>NW</b>	<b>HEX</b> HexaLED	<b>1</b> 120V	<b>D1</b> ELV**	<b>P1</b> 20W	<b>-EM</b> Emergency Lighting
		<b>2</b> 277V	<b>D2</b> 0-10V (Sinking Control)	<b>P2</b> 30W	
			<b>D3</b> Lutron Hi-Lume « A-Series », Eco System/ 3-wires (CCR)	<b>P3</b> 40W	

\*\* (Only for P1 and P2, not available on P3)

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