

Project Name:	Type:
Part Number:	Date:



GREENCREATIVE

SPECFIT RETROFIT DOWNLIGHT 6"

SPECIFICATION FEATURES

- **Mechanical** - SPECFIT retrofits existing commercial housings. Spring action clips to accommodate ½" to 2" ceiling thicknesses. Fixture with remote driver installs and is accessible from below the ceiling.
- **Electrical** - Standard driver option is 120-277V, 50/60 Hz with three selectable lumen outputs using SelectDrive technology. 0-10V dimmable to 5% with low end cutoff. 12V auxiliary port with stand by power functionality for additional dimming and control of field installed sensors and control systems. Additional driver selections include DualDim driver with 0-10V dimming down to 1% at 120-277V and Forward/Reverse phase dimming at 120V only, a 120V line voltage forward and reverse phase dimming option down to 5%, Lutron Ecosystem 1% dimming driver options.
- **Optical** - Self-flanged plated polycarbonate reflector. 40° optical cutoff. Field interchangeable optical lenses. Five beam distributions range from 15° to 75°. Wall wash field installed accessory. COB LED binned to 3-step SDCM to ensure color uniformity in 2700K, 3000K, 3500K, 4000K or 5000K CCT. Minimum 90 CRI. 97 CRI with TRUE CHROMA available in 3000K only.
- **Thermal** - Die cast heat sink. L70 lifetime of 100,000 hours. Fixture operating temperature: -13°F to +95°F (-25°C to 35°C).
- **Compliance and Warranty** - ETL Classified and Listed for damp locations. ETL Classified for WET location, under covered ceiling, when utilizing WET option with field installed gasketed ring. Suitable for exterior under canopy mounting when utilizing OUT Outdoor Debris Ingress Protection option. 5 year parts warranty for complete fixture. Optional 10 Year Extended Warranty available, subject to same terms, conditions and installation requirements as standard 5 Year Warranty.



DIGITAL NAVIGATION Explore the spec sheet through the links below

[ORDERING GUIDE](#) [NUROAIR CONTROLS ORDERING GUIDE](#)
[TECHNICAL INFORMATION](#) [NOMINAL PERFORMANCE](#)
[LINE DRAWINGS](#) [ACCESSORY ORDERING INFORMATION](#)
[PHOTOMETRY](#) [COLOR ACCURACY & SPECTRAL DISTRIBUTION](#)
[EXTENDED WARRANTY](#)



BENEFITS

- Get the right amount of light with SelectDrive technology
- Match ceiling décor with field interchangeable trims
- Direct the light with field interchangeable optics
- Various dimming driver options allow for control and energy savings
- Long 100,000 hours L70 rated lifetime
- Exceptional color rendering and uniformity

SUITABLE APPLICATIONS

- Commercial Office
- Hospitality
- Retail
- Educational
- Healthcare
- Exterior Under Canopy*

*Applicable with OUT Outdoor Debris Ingress Protection option.

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SPECFIT RETROFIT DOWNLIGHT 6"

ORDERING GUIDE

SelectDrive Light Engine and Reflector (A complete fixture consists of one light engine and one reflector)

Light Engine PART#					Example: LEM9040DIM010UNVMD
Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁶
LES Small Light Engine 500-700-1000 lumens LEM Medium Light Engine 1500-2000-2500 lumens LEL Large Light Engine 3000-4000-5000 lumens	90 CRI 90+ 97³ 97 CRI 3000K only TRUE CHROMA	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	DIM010UNV² SelectDrive 120-277V, 50/60Hz 0-10V Dimmable to 5% KDIM010UNV⁶ K-case Driver, SelectDrive 120-277V, 50/60Hz. Dimmable to 5%. KDIM120V SelectDrive 120V, 50/60Hz Forward/Reverse Phase dimming. Dimmable to 10%. DUALDIM1 0-10V dimming to 1% at 120-277V, and Forward/Reverse phase dimming at 120V only.	SP⁷ Spot 15° Beam Angle MD¹ Medium (Installed Standard) 60° Beam Angle VN Very Narrow 25° Beam Angle NR Narrow 40° Beam Angle WD Wide 75° Beam Angle	BLANK None SD347 347V - 240V Step Down Transformer EM⁴ 10.7W Title 20 Compliant Emergency Backup AWNR¹¹ Lutron Athena Node OUT Outdoor Debris Ingress Protection WET⁶ Field installable wet location gasketed ring NURO/RCM¹⁰ NUROAir Ready Power Pack for Ceiling Mount Sensor
Reflector PART#					Example: ADR6CC
Shape	Finish				
ADR6 6" Round Reflector ADS6¹² 6" Square Reflector	CC Clear Diffuse Trim and Flange	WH Matte White Trim and Flange	CW Clear Diffuse Trim, White Flange	BL Matte Black Trim and Flange	CZ⁹ Customized Trim and Flange

FOOTNOTES:

- Medium Lens Optic comes installed as standard, if other optic distribution selected the lens will ship separately and require field installation.
- Dims to 5% with low end cutoff. Dimmer compatibility available on website.
- CRI97 TRUE CHROMA is only available in 3000K only and is not Energy Star rated. It is made to order (MTO) for the lumen values of 3000 and above, including the LEL light engine.
- EM cannot be combined with SD347 or SD480 option.
- Options are factory installed and come with the Light Engine and Driver.
- Wet location makes the downlight ETL certified for WET location installation, separate gasketed ring will be provided with the light engine for field installation. WET location is not compatible with any sensor options.
- SP optic is not available with LEL model.
- Upgraded & compact new Light Engine with K-case driver will be available per CCT and Size once current generation is depleted. Please consult separate parts ordering guide for availability. GREEN CREATIVE reserve the right to make change without notice.
- Please contact factory for customized finish color or customized reflectors for feasibility and lead times.
- This option needs to be selected for each fixture to use with NURO7/CM.
- Only available with KDIM010UNV, using 12V Aux.
- Square reflector is not available with CW or BL finish as standard options.



SPECFIT RETROFIT DOWNLIGHT 6"

Fixed Output Light Engine and Reflector (A complete fixture consists of one light engine and one reflector)

Light Engine PART#

Example: LE209035DUALDIM1WD

Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁴
LE05 500 lumens	90 CRI 90+	27 2700K	DUALDIM1 0-10V dimming to 1% at 120-277V, and Forward/Reverse phase dimming at 120V only.	SP⁷ Spot 15° Beam Angle	BLANK None
LE07 700 lumens	97² 97 CRI 3000K only TRUE CHROMA	30 3000K	XT010UNV Signify 0-10V Driver 1% Dimming, 120-277V	MD¹ Medium (Installed Standard) 60° Beam Angle	SD347 347V - 240V Step Down Transformer
LE10 1,000 lumens		35 3500K	LUT-1UNV Lutron EcoSystem 1% Dimming, 120-277V	VN Very Narrow 25° Beam Angle	EM³ 10.7W Title 20 Compliant Emergency Backup
LE15 1,500 lumens		40 4000K	LUT-L3DUNV Lutron Hi-lume 3-Wire 1% Dimming, 120-277V	NR Narrow 40° Beam Angle	OUT Outdoor Debris Ingress Protection
LE20 2,000 lumens		50 5000K	ELD-E010UNV EldoLED ECOdrive 0-10V 1%, 120-277V	WD Wide 75° Beam Angle	WET⁶ Field installable wet location gasketed ring
LE25 2,500 lumens			ELD-EDALIUNV EldoLED ECOdrive DALI 1%, 120-277V		
LE30 3,000 lumens			ELD-S010UNV EldoLED SOLOdrive 0-10V 0.1%, 120-277V		
LE40 4,000 lumens			ELD-SDALIUNV EldoLED SOLOdrive DALI 0.1%, 120-277V		
LE50⁵ 5,000 lumens					

Reflector PART#

Example: ADR6CC

Shape	Finish				
ADR6 6" Round Reflector	CC Clear Diffuse Trim and Flange	WH Matte White Trim and Flange	CW Clear Diffuse Trim, White Flange	BL Matte Black Trim and Flange	CZ⁸ Customized Trim and Flange
ADS6⁹ 6" Square Reflector					

FOOTNOTES:

- Medium Lens Optic comes installed as standard, if other optic distribution selected the lens will ship separately and require field installation.
- CRI97 TRUE CHROMA is only available in 3000K only and is not Energy Star rated. It is made to order (MTO) for the lumen values of 3000 and above, including the LEL light engine.
- EM cannot be combined with SD347 or SD480 option.
- Options are factory installed and come with the Light Engine and Driver.
- LE50 is not available with LUT-1UNV and LUT-L3DUNV.
- Wet location makes the downlight ETL certified for WET location installation, separate gasketed ring will be provided with the light engine for field installation. WET location is not compatible with any sensor options.
- SP optic is not available with LEL model.
- Please contact factory for customized finish color or customized reflectors for feasibility and lead times.
- Square reflector is not available with CW or BL finish as standard options.

SPECFIT RETROFIT DOWNLIGHT 6"

NUROAir CONTROLS ORDERING GUIDE

Control	Switches
NURO7/CM¹ NUROAir Bluetooth Ceiling Mount Dual Mode Sensor	NURO-SW-3B-BA-BL-WP-V1 NUROAir 3-Button Bluetooth Battery Powered Wall Switch
	NURO-SW-5B-BA-BL-WP-V1 NUROAir 5-Button Bluetooth Battery Powered Wall Switch
	NURO-SW-7B-AC-BL-WP-V1 NUROAir 7-Button Bluetooth Line Voltage (AC 120-277V) Powered Wall Switch

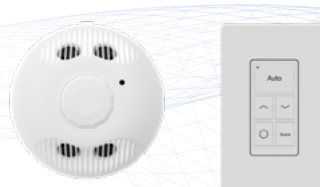
FOOTNOTES: 1. 600 sq ft sensor coverage

NUROAir by ILLUMUS

NUROAir Bluetooth Ceiling Mount Dual Mode Sensor is the optimal groupable controls lighting solution. With main features such as PIR Motion and Ultrasonic Sensing, Occupancy/Vacancy, and Bi-Level Dimming - this flexibility makes the NUROAir Bluetooth Ceiling Mount Dual Mode Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.



Click Here or Scan Code
to Learn More About
NUROAir Bluetooth Controls



TECHNICAL INFORMATION

Light Engine	Input Voltage	Input Frequency	Input Current	Input Power	THD Power	Power Factor
LESXXXX	120 / 277V	50 / 60Hz	0.115 / 0.047A	13W	<20%	>0.9
LEMXXXX	120 / 277V	50 / 60Hz	0.270 / 0.114A	31.5W	<20%	>0.9
LELXXXX	120 / 277V	50 / 60Hz	0.530 / 0.217A	60W	<20%	>0.9
LE05XXXX	120 / 277V	50 / 60Hz	0.056 / 0.024A	6.5W	<20%	>0.9
LE07XXXX	120 / 277V	50 / 60Hz	0.073 / 0.034A	8.5W	<20%	>0.9
LE10XXXX	120 / 277V	50 / 60Hz	0.112 / 0.047A	13W	<20%	>0.9
LE15XXXX	120 / 277V	50 / 60Hz	0.154 / 0.068A	18W	<20%	>0.9
LE20XXXX	120 / 277V	50 / 60Hz	0.218 / 0.092A	25.5W	<20%	>0.9
LE25XXXX	120 / 277V	50 / 60Hz	0.269 / 0.116A	31.5W	<20%	>0.9
LE30XXXX	120 / 277V	50 / 60Hz	0.318 / 0.133A	37.5W	<20%	>0.9
LE40XXXX	120 / 277V	50 / 60Hz	0.411 / 0.165A	48.5W	<20%	>0.9
LE50XXXX	120 / 277V	50 / 60Hz	0.487 / 0.203A	57.5W	<20%	>0.9



SPECFIT RETROFIT DOWNLIGHT 6"

NOMINAL PERFORMANCE

LES (LE05 / LE07 / LE10) - Low / Medium / High - 6.5 / 8.5 / 12.5W

CCT	2700K						3000K						3500K						4000K						5000K					
Output**	Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High	
	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW
Clear Diffuse	500	77	700	82	1,000	80	525	81	735	86	1,050	84	550	85	770	91	1,100	88	575	88	805	95	1,150	92	580	89	810	95	1,165	93
White	495	76	693	82	990	79	520	80	728	86	1,040	83	545	84	762	90	1,089	87	569	88	797	94	1,139	91	574	88	802	94	1,153	92
Black	440	68	616	72	880	70	462	71	647	76	924	74	484	74	678	80	968	77	506	78	708	83	1,012	81	510	78	714	84	1,015	81

LEM (LE15 / LE20 / LE25) - Low / Medium / High - 18.0 / 25.5 / 31.5W

CCT	2700K						3000K						3500K						4000K						5000K					
Output**	Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High	
	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW
Clear Diffuse	1,600	89	2,125	83	2,500	79	1,632	91	2,169	85	2,550	81	1,664	92	2,210	87	2,600	83	1,696	94	2,253	88	2,650	84	1,713	95	2,275	89	2,677	85
White	1,584	88	2,104	82	2,475	78	1,616	90	2,147	84	2,525	80	1,647	91	2,188	86	2,574	82	1,679	93	2,230	87	2,624	83	1,696	94	2,252	88	2,650	84
Black	1,408	78	1,870	73	2,200	70	1,436	80	1,909	75	2,244	71	1,464	81	1,945	77	2,288	73	1,492	83	1,983	77	2,332	74	1,507	84	2,002	79	2,355	75

LEL (LE30 / LE40 / LE50) - Low / Medium / High - 37.5 / 48.5 / 60.0W

CCT	2700K						3000K						3500K						4000K						5000K					
Output**	Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High	
	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW
Clear Diffuse	3,325	89	4,085	84	4,750	79	3,360	90	4,080	84	4,800	80	3,500	93	4,250	88	5,000	83	3,640	97	4,420	91	5,200	87	3,640	97	4,420	91	5,200	87
White	3,292	88	4,044	83	4,703	78	3,326	89	4,039	83	4,752	79	3,465	92	4,208	87	4,950	82	3,604	96	4,376	90	5,148	86	3,604	96	4,376	90	5,148	86
Black	2,826	78	3,472	71	4,038	67	2,856	77	3,468	71	4,080	68	2,975	79	3,613	75	4,250	71	3,094	82	3,757	77	4,420	74	2,829	75	3,757	77	4,420	74

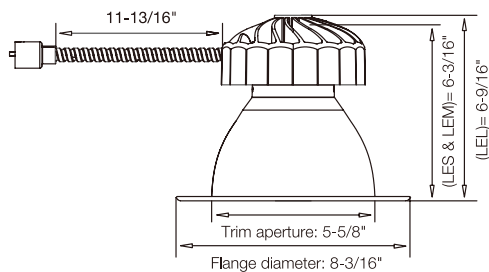
FOOTNOTES: ** Lumen output are based on rated lumens, for exact value please refer to the IES files



SPECFIT RETROFIT DOWNLIGHT 6"

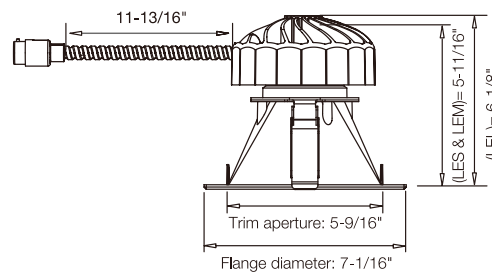
LINE DRAWINGS

Round



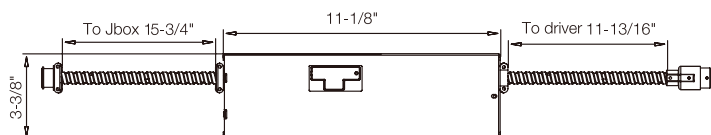
Compatible with most standard housing with aperture ranging from 5-13/16" - 7-3/8"

Square



Compatible with most standard housing with aperture ranging from 5-1/2" - 6-13/16"

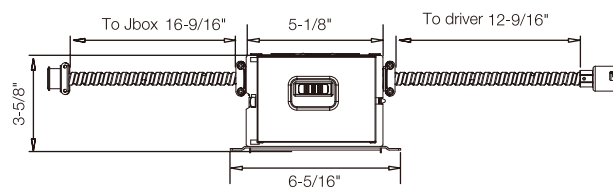
DIM010UNV or Fixed Output Driver



Side View



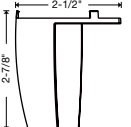
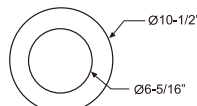
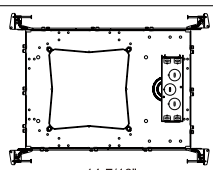
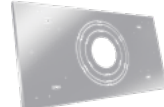
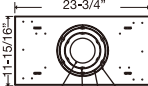
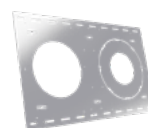
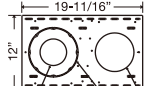
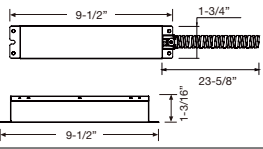
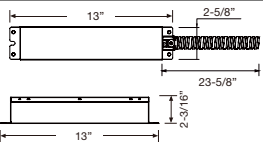
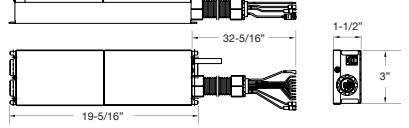
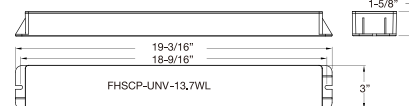
KDIM010UNV & KDIM120V



Side View



SPECFIT RETROFIT DOWNLIGHT 6"

ACCESSORY ORDERING INFORMATION				
Product	Model	Description	Pictures	Dimensions
98079	ADWAW	Wall Wash (Field Installed on Module)		
98568	GOOFRING6	Round 6" Goof Ring - Outer Diameter 10-1/2"		
35458	NCFJB6S	Square New Construction Plate with Junction Box 6"		
98501	NCPLATE/T4689	New Construction Plate for T-Grid ceilings		 A: Ø4-5/16" B: Ø6-5/16" C: Ø8-1/16" D: Ø9"
98502	NCPLATE468	New Construction Plate for Stud/Joist ceilings		 A: Ø4-5/16" B: Ø8-1/16" C: Ø6-5/16"
98583	NCPLATEJB	Junction box for New Construction Plates		
37934	8EMINVERTER	California Title 20 Compliant 8W Emergency LED Inverter (Field Installation) Compatible for 0-10V dimming models		
38096	24EMINVERTER	California Title 20 Compliant 24W Emergency LED Inverter (Field Installation) Compatible for 0-10V dimming models		
FHUPS1-UNV-25L-SD	FHUPS1-UNV-25L-SD	25W Emergency Micro Inverter for field installation to use with 0-10V Driver options. 100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant		
FHSCP-UNV-10.7WL	FHSCP-UNV-10.7WL	10.7W Emergency Driver for field installation to use with 120V and 0-10V driver options. CEC Compliant		

Note: For details of compatibility between each emergency solution and specific product models, please refer to the Products Emergency Compatibility Matrix file available on <https://greencreative.com/emergency-accessories/>

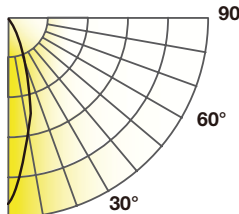
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SPECFIT RETROFIT DOWNLIGHT 6"

PHOTOMETRY

LES9035-DIM010-UNV-VN-ADR6CC



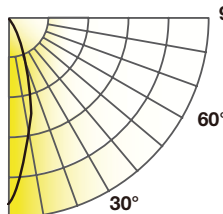
Lumens: 1,236 lm
Power: 12.7 W
Efficacy: 98 lm/W
CRI: 90+
Spacing Criteria: 0.4
Beam Angle: 25°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,603
20	1,157
30	293
40	40
50	6
60	2
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	278	2
6	123	3
8	69	4
10	44	5
12	31	5

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,139	93
0-40	1,214	98
0-60	1,234	100
0-90	1,236	100

LES9035-DIM010-UNV-VN-ADS6CC



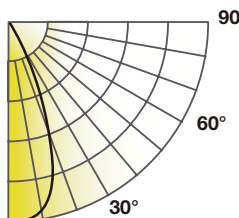
Lumens: 1,220 lm
CBCP: 4,292 cd
Power: 11 W
Efficacy: 98 lm/W
CRI: 90+
Spacing Criteria: 0.42
Beam Angle: 26°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,545
20	1,189
30	316
40	66
50	12
60	0
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	236	1.8
6	105	2.7
8	59	3.6
10	38	4.5
12	26	5.4

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,094	90
0-40	1,192	98
0-60	1,219	100
0-90	1,219	100

LES9035-DIM010-UNV-NR-ADR6CC



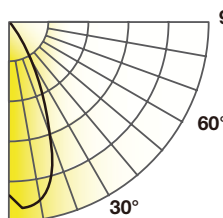
Lumens: 1,234 lm
Power: 12.5 W
Efficacy: 99 lm/W
CRI: 90+
Spacing Criteria: 0.7
Beam Angle: 43°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,233
20	1,401
30	456
40	46
50	5
60	2
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	141	3
6	63	5
8	35	6
10	23	8
12	16	9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,111	93
0-40	1,217	98
0-60	1,233	100
0-90	1,234	100

LES9035-DIM010-UNV-NR-ADS6CC



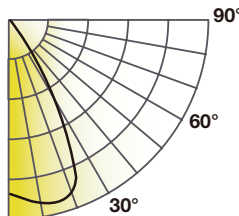
Lumens: 1,240 lm
CBCP: 2,379 cd
Power: 11 W
Efficacy: 100 lm/W
CRI: 90+
Spacing Criteria: 0.67
Beam Angle: 43°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,206
20	1,371
30	444
40	72
50	12
60	0
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	205	3.1
6	91	4.7
8	51	6.2
10	33	7.8
12	23	9.4

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,084	87
0-40	1,216	98
0-60	1,239	100
0-90	1,239	100

LES9035-DIM010-UNV-MD-ADR6CC



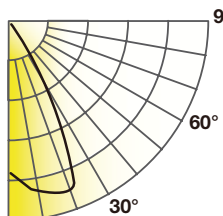
Lumens: 1,240 lm
Power: 12.2 W
Efficacy: 102 lm/W
CRI: 90+
Spacing Criteria: 0.9
Beam Angle: 64°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,317
20	1,277
30	755
40	168
50	8
60	2
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	80	4
10	36	7
12	20	9
15	13	11
20	9	13

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	965	74
0-40	1,203	95
0-60	1,237	100
0-90	1,240	100

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Lumens: 1,257 lm
CBCP: 1,396 cd
Power: 11 W
Efficacy: 101 lm/W
CRI: 90+
Spacing Criteria: 0.90
Beam Angle: 64°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,308
20	1,250
30	696
40	169
50	20
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	121	5.0
6	54	7.5
8	30	10.0
10	19	12.4
12	13	14.9

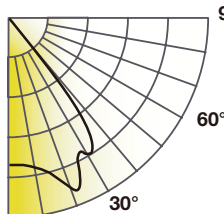
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	952	76
0-40	1,201	96
0-60	1,256	100
0-90	1,256	100



SPECFIT RETROFIT DOWNLIGHT 6"

PHOTOMETRY

LES9035-DIM010-UNV-WD-ADR6CC



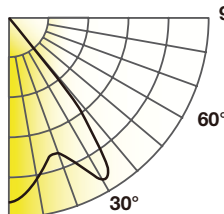
Lumens: 1,257 lm
Power: 12.28 W
Efficacy: 102.33 lm/W
CRI: 90+
Spacing Criteria: 1.2
Beam Angle: 76.9°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,153
20	1,238
30	704
40	137
50	26
60	6
70	2
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	56	6
6	25	9
8	14	13
10	9	16
12	6	19

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	663	53
0-40	1,120	89
0-60	1,251	100
0-90	1,257	100

LES9035-DIM010-UNV-WD-ADS6CC



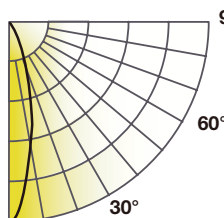
Lumens: 1,250 lm
CBCP: 900 cd
Power: 11 W
Efficacy: 101 lm/W
CRI: 90+
Spacing Criteria: 1.22
Beam Angle: 81°

Candlepower Distribution	
Angle (°)	Average (cd)
10	755
20	706
30	846
40	467
50	76
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	70	6.8
6	31	10.2
8	18	13.6
10	11	17.1
12	8	20.5

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	642	51
0-40	1,080	86
0-60	1,250	100
0-90	1,250	100

LEM9035-DIM010-UNV-VN-ADR6CC



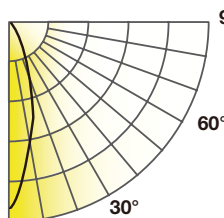
Lumens: 2,555 lm
Power: 30.9 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 0.4
Beam Angle: 25°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,592
20	2,178
30	635
40	88
50	12
60	4
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	607	2
6	270	3
8	152	3
10	97	4
12	67	5

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,364	93
0-40	2,510	98
0-60	2,539	100
0-90	2,555	100

LEM9035-DIM010-UNV-VN-ADS6CC



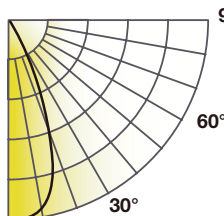
Lumens: 2,613 lm
CBCP: 9,216 cd
Power: 28 W
Efficacy: 81 lm/W
CRI: 90+
Spacing Criteria: 0.42
Beam Angle: 26°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,323
20	2,507
30	698
40	144
50	30
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	495	1.8
6	220	2.8
8	124	3.7
10	79	4.6
12	55	5.5

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,340	90
0-40	2,552	98
0-60	2,610	100
0-90	2,611	100

LEM9035-DIM010-UNV-NR-ADR6CC



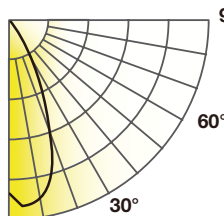
Lumens: 2,567 lm
Power: 31.1 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 0.7
Beam Angle: 41°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,978
20	2,529
30	920
40	86
50	11
60	3
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	302	3
6	134	5
8	76	6
10	48	7
12	34	9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,332	91
0-40	2,532	99
0-60	2,562	100
0-90	2,567	100

LEM9035-DIM010-UNV-NR-ADS6CC



Lumens: 2,153 lm
CBCP: 1,658 cd
Power: 20 W
Efficacy: 106 lm/W
CRI: 90+
Spacing Criteria: 0.98
Beam Angle: 68°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,951
20	2,936
30	968
40	151
50	14
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	460	3.0
6	204	4.5
8	115	6.0
10	74	7.5
12	51	9.0

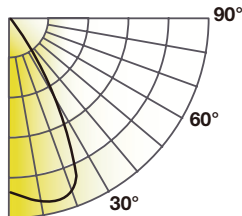
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,357	89
0-40	2,617	98
0-60	2,661	100
0-90	2,661	100



SPECFIT RETROFIT DOWNLIGHT 6"

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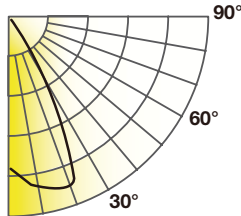
Lumens: 2,532 lm
Power: 30.9 W
Efficacy: 82 lm/W
CRI: 90+
Spacing Criteria: 0.9
Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,493
20	2,839
30	1,555
40	232
50	13
60	4
70	2
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	164	4
6	73	6
8	41	8
10	26	11
12	18	13

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,957	77
0-40	2,460	97
0-60	2,526	100
0-90	2,532	100

LEM9035-DIM010-UNV-MD-ADS6CC



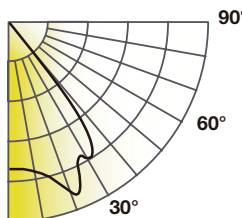
Lumens: 2,680 lm
CBCP: 2,976 cd
Power: 28 W
Efficacy: 81 lm/W
CRI: 90+
Spacing Criteria: 0.91
Beam Angle: 64°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,802
20	2,655
30	1,539
40	395
50	20
60	2
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	260	5.0
6	116	7.5
8	65	10.0
10	42	12.5
12	29	15.0

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,025	76
0-40	2,555	95
0-60	2,677	100
0-90	2,678	100

LEM9035-DIM010-UNV-WD-ADR6CC



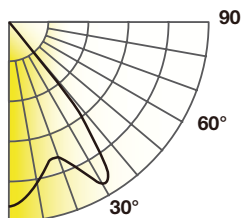
Lumens: 2,555 lm
Power: 31.0 W
Efficacy: 82 lm/W
CRI: 90+
Spacing Criteria: 1.2
Beam Angle: 83°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,508
20	1,366
30	2,064
40	1,066
50	45
60	13
70	5
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	113	6
6	50	9
8	28	13
10	18	16
12	13	19

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,289	50
0-40	2,261	89
0-60	2,543	100
0-90	2,555	100

LEM9035-DIM010-UNV-WD-ADS6CC



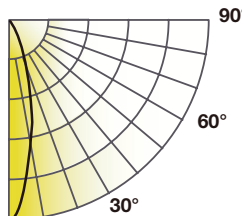
Lumens: 2,684 lm
CBCP: 1,900 cd
Power: 28 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 1.19
Beam Angle: 81°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,626
20	1,521
30	1,826
40	1,037
50	155
60	3
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	151	6.9
6	67	10.3
8	38	13.7
10	24	17.1
12	17	20.6

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,378	51
0-40	2,318	86
0-60	2,681	100
0-90	2,683	100

LEL9035-DIM010-UNV-VN-ADR6CC



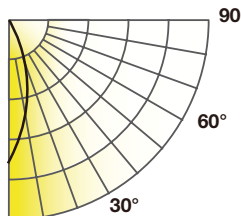
Lumens: 4,709 lm
Power: 60.7 W
Efficacy: 78 lm/W
CRI: 90+
Spacing Criteria: 0.5
Beam Angle: 33°

Candlepower Distribution	
Angle (°)	Average (cd)
10	813
20	478
30	204
40	26
50	5
60	2
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	176	5
10	113	6
12	78	7
15	50	9
20	28	12

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,118	88
0-40	4,566	97
0-60	4,687	100
0-90	4,709	100

LEL9035-DIM010-UNV-VN-ADS6CC



Lumens: 4,765 lm
CBCP: 10,381 cd
Power: 28 W
Efficacy: 79 lm/W
CRI: 90+
Spacing Criteria: 0.55
Beam Angle: 34°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,626
20	1,521
30	1,826
40	1,037
50	155
60	3
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	151	2.4
6	67	3.7
8	38	4.9
10	24	6.1
12	17	7.3

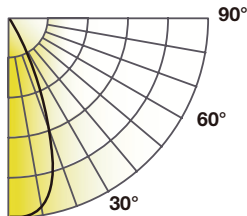
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,378	51
0-40	2,318	86
0-60	2,681	100
0-90	2,683	100



SPECFIT RETROFIT DOWNLIGHT 6"

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LEL9035-DIM010-UNV-NR-ADR6CC



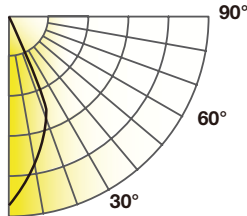
Lumens: 4,874 lm
Power: 61.1 W
Efficacy: 80 lm/W
CRI: 90+
Spacing Criteria: 0.7
Beam Angle: 44°

Candlepower Distribution	
Angle (°)	Average (cd)
10	7,615
20	5,149
30	2,134
40	223
50	33
60	11
70	5
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	145	7
6	93	8
8	64	10
10	41	12
12	23	16

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,182	86
0-40	4,780	98
0-60	4,858	100
0-90	4,874	100

LEL9035-DIM010-UNV-NR-ADS6CC



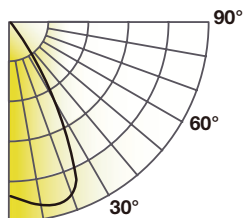
Lumens: 5,079 lm
CBCP: 9,154 cd
Power: 53 W
Efficacy: 86 lm/W
CRI: 90+
Spacing Criteria: 0.68
Beam Angle: 45°

Candlepower Distribution	
Angle (°)	Average (cd)
10	7,593
20	5,198
30	2,044
40	467
50	40
60	5
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	705	3.3
6	313	5.0
8	176	6.6
10	113	8.3
12	78	9.9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,198	83
0-40	4,943	97
0-60	5,071	100
0-90	5,074	100

LEL9035-DIM010-UNV-MD-ADR6CC



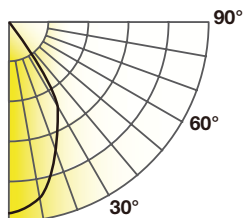
Lumens: 5,017 lm
Power: 60.59 W
Efficacy: 82.80 lm/W
CRI: 90+
Spacing Criteria: 0.78
Beam Angle: 54.7°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,967
20	4,373
30	3,080
40	872
50	41
60	13
70	5
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	105	8
6	67	10
8	47	12
10	30	15
12	17	20

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,691	74
0-40	4,850	97
0-60	5,000	100
0-90	5,017	100

LEL9035-DIM010-UNV-MD-ADS6CC



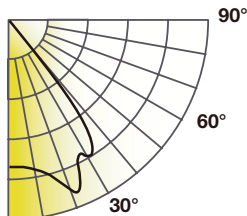
Lumens: 5,113 lm
CBCP: 6,346 cd
Power: 53 W
Efficacy: 86 lm/W
CRI: 90+
Spacing Criteria: 0.80
Beam Angle: 59°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,593
20	4,188
30	3,109
40	816
50	74
60	6
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	520	3.9
6	231	5.9
8	130	7.9
10	83	9.9
12	58	11.8

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,603	71
0-40	4,887	96
0-60	5,104	100
0-90	5,108	100

LEL9035-DIM010-UNV-WD-ADR6CC



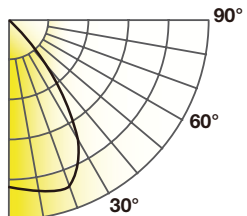
Lumens: 5,068 lm
Power: 60.6 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 1.1
Beam Angle: 81.6°

Candlepower Distribution	
Angle (°)	Average (cd)
10	3,860
20	3,786
30	3,355
40	1,658
50	99
60	30
70	12
80	5
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	63	12
10	40	15
12	28	18
15	18	23
20	10	30

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,107	61
0-40	4,612	91
0-60	5,038	99
0-90	5,068	100

LEL9035-DIM010-UNV-WD-ADS6CC



Lumens: 5,212 lm
CBCP: 4,102 cd
Power: 53 W
Efficacy: 88 lm/W
CRI: 90+
Spacing Criteria: 1.07
Beam Angle: 72°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,015
20	3,849
30	3,108
40	1,581
50	220
60	12
70	3
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	373	3.9
6	166	5.9
8	93	7.9
10	60	9.9
12	41	11.8

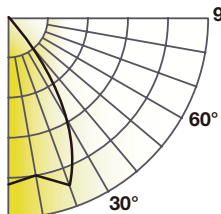
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,152	61
0-40	4,643	89
0-60	5,199	100
0-90	5,207	100



SPECFIT RETROFIT DOWNLIGHT 6"

PHOTOMETRY

LES9730-DIM010-UNV-MD-ADR6CC



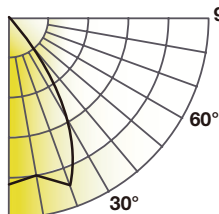
Lumens: 1,061 lm
Power: 13 W
Efficacy: 84 lm/W
CRI: 96
Spacing Criteria: 1.07
Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,012
20	978
30	643
40	172
50	5
60	0
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	94	5
6	42	8
8	24	10
10	15	13
12	10	15

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	761	72
0-40	1,012	95
0-60	1,061	100
0-90	1,061	100

LEM9730-DIM010-UNV-MD-ADR6CC



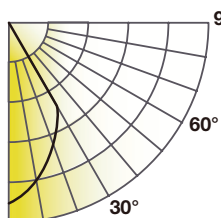
Lumens: 2,231 lm
Power: 33 W
Efficacy: 68 lm/W
CRI: 96
Spacing Criteria: 1.07
Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,129
20	2,057
30	1,357
40	366
50	8
60	2
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	198	5
6	88	8
8	49	10
10	32	13
12	22	15

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,595	72
0-40	2,122	95
0-60	2,229	100
0-90	1,160	100

LEL9730-DIM010UNV-MD-ADR6CC



Lumens: 4,230 lm
Power: 60 W
Efficacy: 71 lm/W
CRI: 98
Spacing Criteria: 0.79
Beam Angle: 57°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,129
20	2,057
30	1,357
40	366
50	8
60	2
70	0
80	0
90	0

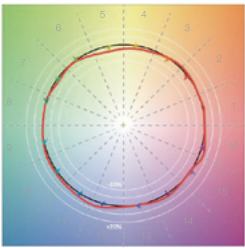
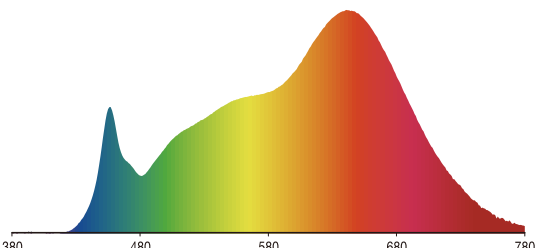
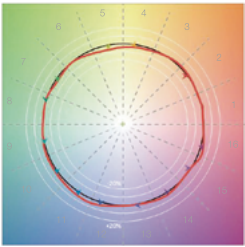
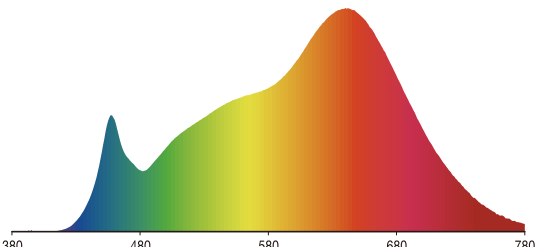
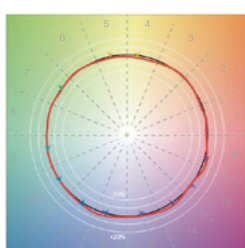
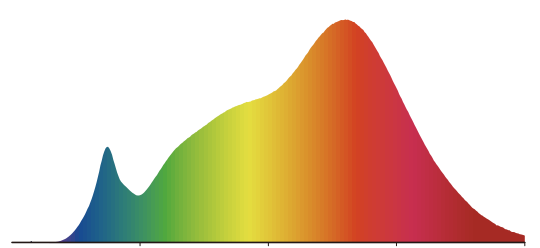
Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	49	9
10	32	11
12	22	13
15	14	16
20	8	22

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,963	71
0-40	4,027	95
0-60	4,230	100
0-90	4,230	100

SPECFIT RETROFIT DOWNLIGHT 6"

COLOR ACCURACY & SPECTRAL DISTRIBUTION



CCT	COLOR ACCURACY	SPECTRAL POWER DISTRIBUTION
LES9730DIM010UNVMD	 Rf: 93, Rg: 101	 Wavelength (nm)
LEM9730DIM010UNVMD	 Rf: 94, Rg: 101	 Wavelength (nm)
LEL9730DIM010UNVMD	 Rf: 95, Rg: 101	 Wavelength (nm)

FOOTNOTES:

Rf: TM-30 metric measuring color fidelity (whether colors are similar to those under natural light). Rf is a more accurate version of the CRI Ra. Rf is 100 for natural light.
 Rg: TM-30 metric measuring color gamut (whether colors are more saturated than under natural light). Rg is 100 for natural light.

EXTENDED WARRANTY

Model

LExx/10YEARWARRANTY*

FOOTNOTES:

*Where xx = Fixture Light Engine lumen output designation.
 Example: 10 Year Warranty for LEM or LE20 Light engine is LEM/10YEARWARRANTY and LE20/10YEARWARRANTY respectively.

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