

IHOL-6DR / IRD600

6" Gravity LED Downlight

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

Catalog Number	Delivered Lumens *	System Wattage **
IHOL-6DRM130 / IRD600HZ	950lm @ 3000K	12W
IHOL-6DRM230 / IRD600HZ	1800lm @ 3000K	25W
IHOL-6DRL130 / IRD600HZ	2500lm @ 3000K	35W
IHOL-6DRL230 / IRD600HZ	3400lm @ 3000K	46W
IHOL-6DRL330 / IRD600HZ	5000lm @ 3000K	60W
IHOL-6DRL430 / IRD600HZ	6100lm @ 3000K	75W
IHOL-6DRL530 / IRD600HZ	7000lm @ 3000K	90W

* Delivered lumens output will vary depending on CCT, CRI and optic selection.

** System Wattage include driver and LED Module consumption.

LED LIGHT ENGINE

- 12W, 25W, 35W, 46W, 60W, 75W and 90W
- 82 CRI & 2700K, 3000K, 3500K, 4000K
- 92 CRI available in 2700K & 3000K
- 3 Step MacAdam (3 SDCM)
- Rated life of 50,000 hours L70 based on LED testing per LM-80-08 and projected values using IESNA TM21-11

ELECTRICAL SYSTEM (120V OR 277V)

- Power factor >.9, 50/60Hz
- Multiple dimming drivers available
- This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Additional surge protection recommended. Damage from power surge is not covered by warranty.

FRAME CONSTRUCTION

Constructed from 16 gauge and 18 gauge heavy duty powder coated cold rolled steel frame with a large access junction box. ETL listed for through wiring. LED light engine and driver are accessible from above or below ceiling.

OPTICS

- 14° Spot, 20° Spot, 30° Narrow Flood, 40° Flood and 50° Wide Flood
- Optics and filter media are field interchangeable

REFLECTOR

Specification grade reflector with 1.5mm thickness. Reflector available in clear, haze or white finish. Consult factory for other colors. Architectural, discrete polished self flange standard. Optional painted white flange is available. Meets RP-1 requirements with controlled light distribution at a 55° cut off.

INSTALLATION

The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Accommodates up to 1 1/4" ceiling thickness. Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar hanger and EMT. Bar hangers must be ordered separately. C-channel is recommended for T-bar ceilings. Max. ambient temperature: 131°F (55°C).

EMERGENCY BACKUP

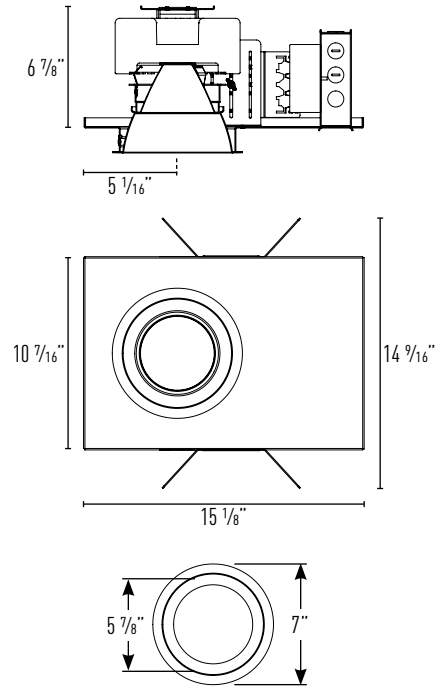
Emergency driver operates LED load of up to 20 Watts at a nominal 1400 lumens for a minimum of 90 minutes.

ACCESSORIES

Luminaire accommodates (1) filter media, no accessory holder required.

LISTING / WARRANTY

- ETL Listed to US and Canadian standards for damp locations
- 10-Year Intense LED Limited Warranty
- ENERGY STAR® Qualified



Ceiling Cut Out: 6 1/2"
Maximum Ceiling Thickness: 1 3/4"

Housing Example: IHOL-6DRM230-D10-40

Housing	LED Light Engine	CCT / CRI	Dimming	Voltage	Optic	Accessories
IHOL-6DR	<input type="checkbox"/> M1 (950lm / 12W)	<input type="checkbox"/> 27 (2700K / 82 CRI)	<input type="checkbox"/> blank (Non-Dimming)	<input type="checkbox"/> blank (120V)	<input type="checkbox"/> -14° (14° Spot)	<input type="checkbox"/> -EM (Emergency Backup)
	<input type="checkbox"/> M2 (1800lm / 25W)	<input type="checkbox"/> 279 (2700K / 92 CRI)	<input type="checkbox"/> -D10 (0-10V Dimming 10%)	<input type="checkbox"/> 27 (277V)	<input type="checkbox"/> -20 (20° Spot)	<input type="checkbox"/> -I100 (C-Channel Bar Hangers)
	<input type="checkbox"/> L1 (2500lm / 35W)	<input type="checkbox"/> 30 (3000K / 82 CRI)	<input type="checkbox"/> -D101 (0-10V Dimming 1%)		<input type="checkbox"/> -30 (30° Narrow Flood)	<input type="checkbox"/> -I200 (Flat Bar Hangers)
	<input type="checkbox"/> L2 (3400lm / 46W)	<input type="checkbox"/> 309 (3000K / 92 CRI)	<input type="checkbox"/> -ED10V1 ² (eldoLED 0-10V 1%)		<input type="checkbox"/> -40 (40° Flood)	<input type="checkbox"/> -I400 (Wood Joist Bar Hangers)
	<input type="checkbox"/> L3 (5000lm / 60W)	<input type="checkbox"/> 35 (3500K / 82 CRI)	<input type="checkbox"/> -ED10V01 ² (eldoLED 0-10V 0.1%)		<input type="checkbox"/> -50° (50° Wide Flood)	
	<input type="checkbox"/> L4 (6100lm / 75W)	<input type="checkbox"/> 40 (4000K / 82 CRI)	<input type="checkbox"/> -LUT ³ (Lutron EcoSystem 1%)			
	<input type="checkbox"/> L5 (7000lm / 90W)		<input type="checkbox"/> -LUT1 ³ (Lutron Hi-Lume 1%)			
			<input type="checkbox"/> -EDALI1 ² (eldoLED DALI 1%)			
			<input type="checkbox"/> -EDALI01 ² (eldoLED DALI 0.1%)			
			<input type="checkbox"/> -DMX (DMX512 1%)			

Reflector Example: IRD600HZ-SF

Reflector	Reflector Finish	Trim
IRD600	<input type="checkbox"/> B ⁶ (Black)	<input type="checkbox"/> -SF (Self Flanged)
	<input type="checkbox"/> C (Clear)	<input type="checkbox"/> -SF ^W (Self Flanged White)
	<input type="checkbox"/> HZ (Haze)	
	<input type="checkbox"/> W (White)	
	<input type="checkbox"/> WHT ⁶ (Wheat)	

Accessories

- PFL4-111⁷ (Soft Focus Lens)
- PFLMB-111⁷ (Black Hex Louver)

Notes:

- Energy Star (L1-L5 packages / 82 CRI - 3000K, 3500K, 4100K only / Clear Reflector Only)
- eldoLED dimming available with M1, M2 & L1
- Lutron® dimming available with M1, M2, L1 & L2
- 14° Optic available in M1, M2, L1 & L2
- 50° Optic in M1, M2, L1 & L2, does not accept filter media accessories
- Consult factory for lead times
- Luminaire will accommodate (1) filter media accessory. Factory installed

GRAVITY LUM-0211-16 P-1

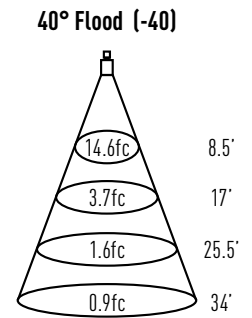
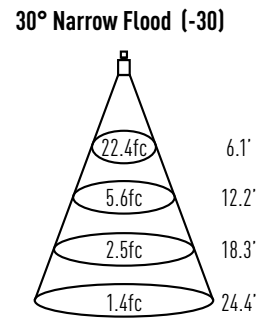
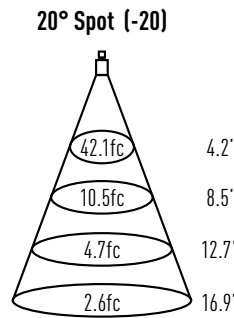
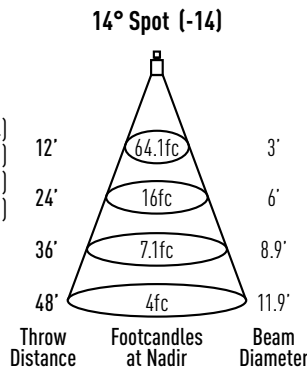
Intense Lighting, LLC | 3340 E La Palma Ave, Anaheim, CA 92806 | Phone: 714 630-9877 | Fax: 714 630-9883

Note: Specifications and dimensions subject to change without notice. Visit us at www.intenselighting.com for the most up to date specification and photometric information.

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

IHOL-6DRM130 / IRD600HZ

Report #: 101669895LAX-017 (-14)
 101669895LAX-018 (-20)
 101669895LAX-019 (-30)
 101669895LAX-020 (-40)



CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.79)
 3500K / 82 CRI (x 1.03)
 4100K / 82 CRI (x 1.04)

Watts: 12
 Lumens: 972
 LPW: 81
 CCT: 3000K

Watts: 12
 Lumens: 923
 LPW: 77
 CCT: 3000K

Watts: 12
 Lumens: 954
 LPW: 79
 CCT: 3000K

Watts: 12
 Lumens: 901
 LPW: 75
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	9235
5°	7617
15°	792
25°	387
35°	32
45°	8

Candelas at Nadir

Degree	CBCP
0°	6068
5°	4750
15°	1225
25°	274
35°	23
45°	6

Candelas at Nadir

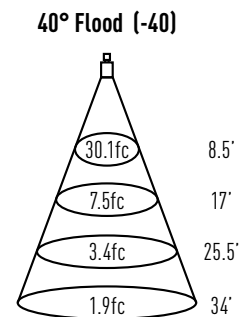
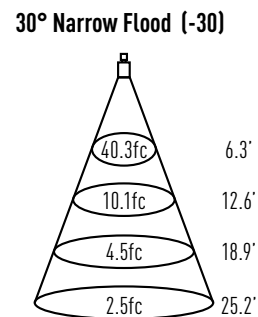
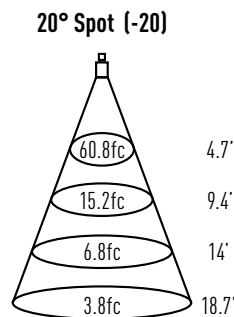
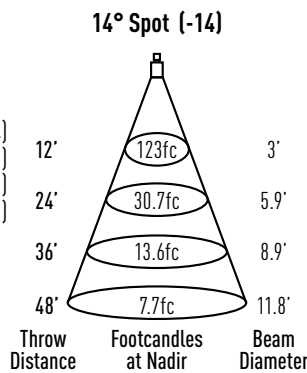
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0°	3230
5°	2860
15°	1531
25°	517
35°	29
45°	7

Candelas at Nadir

Degree	CBCP
0°	2108
5°	1918
15°	1343
25°	612
35°	37
45°	10

IHOL-6DRM230 / IRD600HZ

Report #: 101669895LAX-017 (-14)
 101669895LAX-018 (-20)
 101669895LAX-019 (-30)
 101669895LAX-020 (-40)



CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.79)
 3500K / 82 CRI (x 1.03)
 4100K / 82 CRI (x 1.04)

Watts: 25
 Lumens: 1858
 LPW: 74
 CCT: 3000K

Watts: 24
 Lumens: 1754
 LPW: 73
 CCT: 3000K

Watts: 25
 Lumens: 1814
 LPW: 73
 CCT: 3000K

Watts: 25
 Lumens: 1856
 LPW: 74
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	17669
5°	14573
15°	1516
25°	740
35°	61
45°	15

Candelas at Nadir

Degree	CBCP
0°	8756
5°	7041
15°	2530
25°	726
35°	39
45°	18

Candelas at Nadir

Degree	CBCP
0°	5801
5°	5110
15°	2833
25°	1104
35°	56
45°	13

Candelas at Nadir

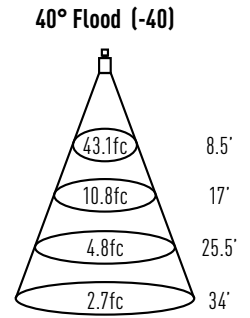
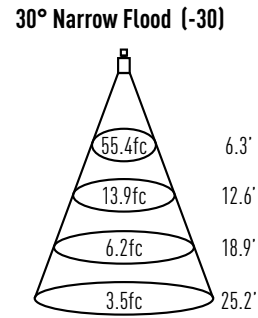
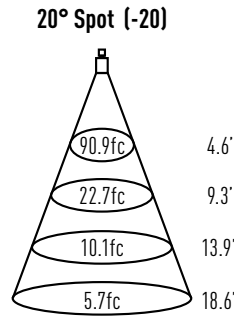
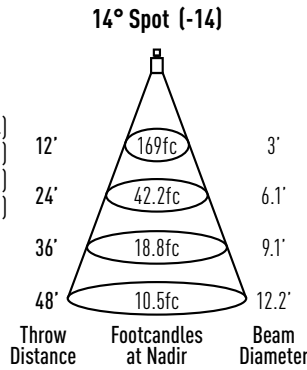
Degree	CBCP
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5°	3948
15°	2766
25°	1261
35°	75
45°	21

GRAVITY

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

IHOL-6DRL130 / IRD600HZ

Report #: 101669895LAX-017 (-14)
 101669895LAX-018 (-20)
 101669895LAX-019 (-30)
 101669895LAX-020 (-40)



CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.79)
 3500K / 82 CRI (x 1.03)
 4100K / 82 CRI (x 1.04)

Watts: 34.4
 Lumens: 2556
 LPW: 74
 CCT: 3000K

Watts: 34.4
 Lumens: 2519
 LPW: 73
 CCT: 3000K

Watts: 34.4
 Lumens: 2450
 LPW: 71
 CCT: 3000K

Watts: 34.5
 Lumens: 2643
 LPW: 77
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	24304
5°	19146
15°	2085
25°	1018
35°	54
45°	21

Candelas at Nadir

Degree	CBCP
0°	13097
5°	10028
15°	3536
25°	1043
35°	58
45°	29

Candelas at Nadir

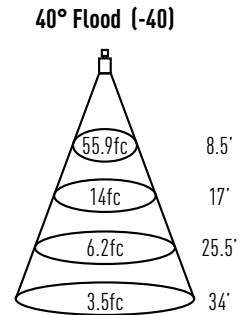
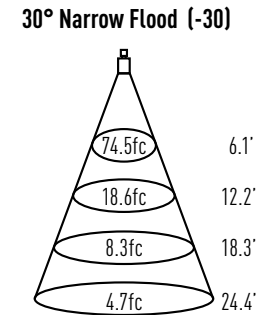
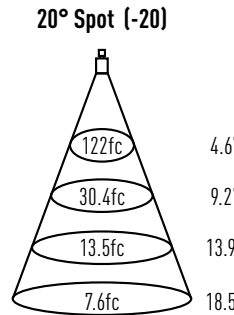
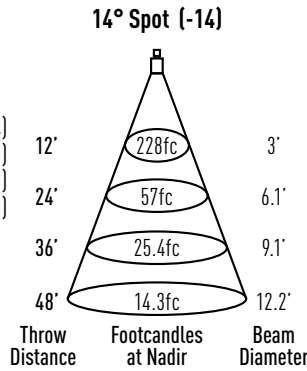
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5°	7269
15°	3697
25°	1419
35°	101
45°	19

Candelas at Nadir

Degree	CBCP
0°	6201
5°	5640
15°	3951
25°	1801
35°	108
45°	29

IHOL-6DRL230 / IRD600HZ

Report #: 101669895LAX-021 (-14)
 101669895LAX-022 (-20)
 101669895LAX-023 (-30)
 101669895LAX-024 (-40)



CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.79)
 3500K / 82 CRI (x 1.03)
 4100K / 82 CRI (x 1.04)

Watts: 46.2
 Lumens: 3430
 LPW: 74
 CCT: 3000K

Watts: 46.2
 Lumens: 3403
 LPW: 74
 CCT: 3000K

Watts: 46.2
 Lumens: 3370
 LPW: 73
 CCT: 3000K

Watts: 46.2
 Lumens: 3441
 LPW: 74
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	32858
5°	28140
15°	2918
25°	1357
35°	56
45°	39

Candelas at Nadir

Degree	CBCP
0°	17512
5°	14083
15°	5096
25°	1452
35°	77
45°	37

Candelas at Nadir

Degree	CBCP
0°	10728
5°	9684
15°	5088
25°	2114
35°	137
45°	28

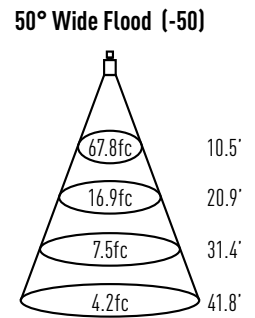
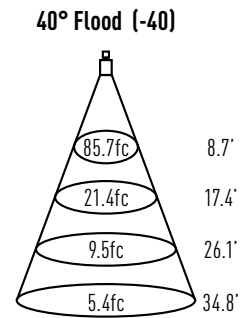
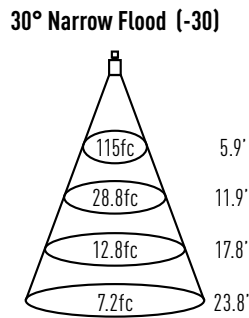
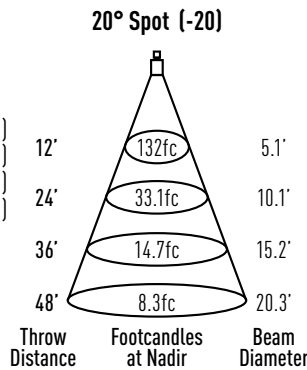
Candelas at Nadir

Degree	CBCP
0°	8051
5°	7539
15°	5083
25°	2300
35°	188
45°	38

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

IHOL-6DRL330 / IRD600HZ

Report #: 101669895LAX-069 (-20)
 101669895LAX-070 (-30)
 101669895LAX-071 (-40)
 101669895LAX-072 (-50)



CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.79)
 3500K / 82 CRI (x 1.03)
 4100K / 82 CRI (x 1.04)

Watts: 60.1
 Lumens: 4993
 LPW: 83
 CCT: 3000K

Watts: 60.3
 Lumens: 5019
 LPW: 83
 CCT: 3000K

Watts: 60.1
 Lumens: 5570
 LPW: 93
 CCT: 3000K

Watts: 61.6
 Lumens: 5496
 LPW: 89
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	19042
5°	19489
15°	7430
25°	2596
35°	119
45°	42

Candelas at Nadir

Degree	CBCP
0°	16593
5°	15378
15°	8193
25°	2858
35°	125
45°	55

Candelas at Nadir

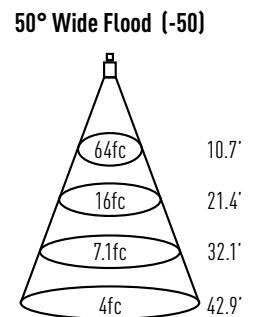
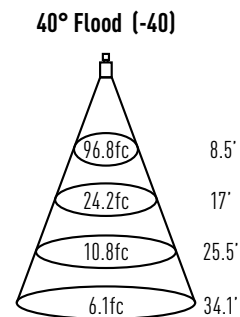
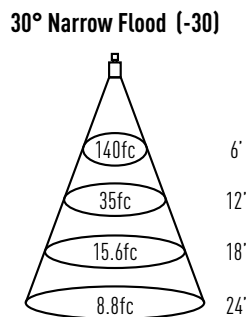
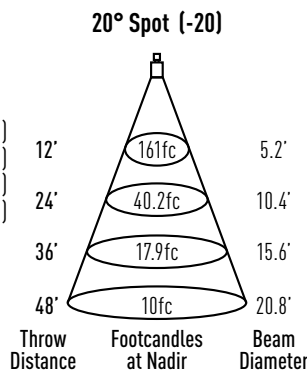
Degree	CBCP
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5°	11922
15°	8612
25°	3835
35°	377
45°	60

Candelas at Nadir

Degree	CBCP
0°	9761
5°	9460
15°	7955
25°	4128
35°	470
45°	66

IHOL-6DRL430 / IRD600HZ

Report #: 101669895LAX-001 (-20)
 101669895LAX-002 (-30)
 101669895LAX-003 (-40)
 101669895LAX-004 (-50)



CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.79)
 3500K / 82 CRI (x 1.03)
 4100K / 82 CRI (x 1.04)

Watts: 74.8
 Lumens: 6042
 LPW: 81
 CCT: 3000K

Watts: 74.9
 Lumens: 6141
 LPW: 82
 CCT: 3000K

Watts: 75
 Lumens: 5955
 LPW: 79
 CCT: 3000K

Watts: 76.7
 Lumens: 5762
 LPW: 75
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	23151
5°	24080
15°	7242
25°	2882
35°	138
45°	59

Candelas at Nadir

Degree	CBCP
0°	20162
5°	17364
15°	8631
25°	3423
35°	160
45°	69

Candelas at Nadir

Degree	CBCP
0°	13939
5°	13255
15°	8850
25°	4017
35°	298
45°	55

Candelas at Nadir

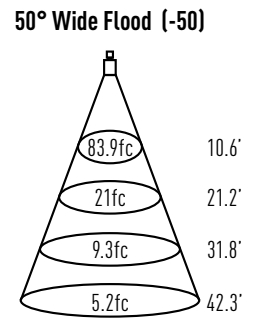
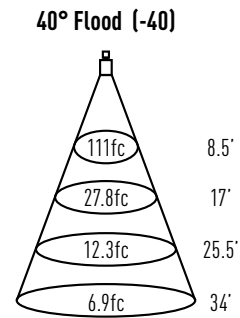
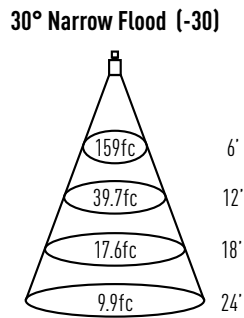
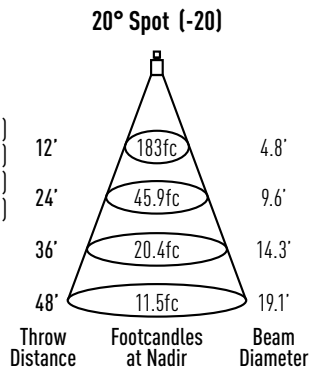
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5°	9010
15°	7150
25°	4361
35°	991
45°	113

GRAVITY

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

IHOL-6DRL530 / IRD600HZ

Report #: 101669895LAX-017 (-20)
 101669895LAX-018 (-30)
 101669895LAX-019 (-40)
 101669895LAX-020 (-50)



CCT / CRI Multipliers:

2700K / 82 CRI (x 0.93)
 2700K / 92 CRI (x 0.74)
 3000K / 82 CRI (x 1.00)
 3000K / 92 CRI (x 0.79)
 3500K / 82 CRI (x 1.03)
 4100K / 82 CRI (x 1.04)

Watts: 90.3
 Lumens: 6987
 LPW: 77
 CCT: 3000K

Watts: 90.3
 Lumens: 6992
 LPW: 77
 CCT: 3000K

Watts: 90.4
 Lumens: 7023
 LPW: 78
 CCT: 3000K

Watts: 90.78
 Lumens: 7476
 LPW: 82
 CCT: 3000K

Candelas at Nadir

Degree	CBCP
0°	26418
5°	27734
15°	8470
25°	3470
35°	194
45°	64

Candelas at Nadir

Degree	CBCP
0°	22865
5°	19529
15°	10117
25°	4067
35°	218
45°	102

Candelas at Nadir

Degree	CBCP
0°	15985
5°	15431
15°	10416
25°	4701
35°	428
45°	80

Candelas at Nadir

Degree	CBCP
0°	12081
5°	11833
15°	9330
25°	5598
35°	1270
45°	148

DIMMING COMPATIBILITY

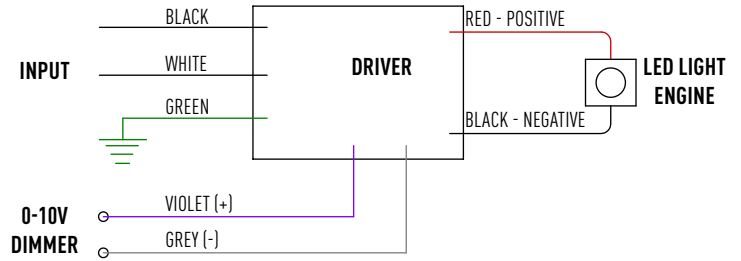
JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

0-10V DIMMING

- 120V/277V
- Dims down to 10% light output
- Consult dimming manufacturer for installation instructions and power packs

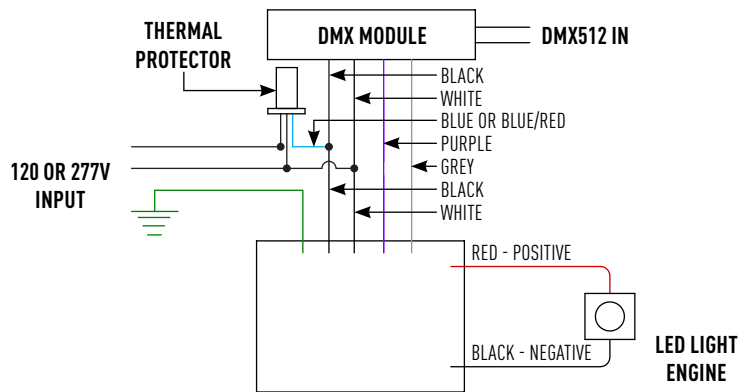
COMPATIBLE DIMMERS

Manufacturer	Part Number(s)
HUNT	PS-010-IV-120V, PS-010-WH-120V, PS-010-3W-IV-120, PS-010-3W-WH-120V, PS-010-IV-277V, PS-010-WH-277V, PS-010-3W-IV-277V, PS-010-3W-WH-277V, FD-010: PS-IFC-010-IV, PS-IFC-010-WH-120/277V, FD-010: PS-IFC-010-3W-IV, PS-IFC-010-3W-WH-120/277V, FD-010-120V, FD-010-277V
Leviton	Leviton Centura Fluorescent System, IlLumaTech™ IP7 Series, DPSPE-212
Lightolier	ZP600FAM120, MP1500FAM120, V2000FAMU
Lithonia	LEQ BC, LEQ LVBC, SLD LVBC, SQ1DC
Lutron	DVTV, NTFTV
Synergy	ISD BC 120/277



DMX512 DIMMING

- 120V or 277V
- Dims down to 1% light output
- Consult dimming manufacturer for installation instructions

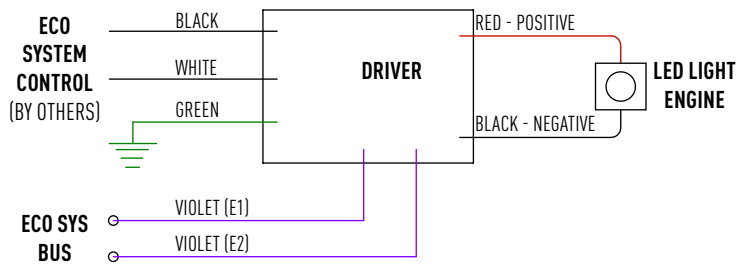


LUTRON ECOSYSTEM® DIMMING

- 120V or 277V
- Dims down to less than 1% light output
- Consult dimming manufacturer for installation instructions

COMPATIBLE DIMMERS

Product	Part Number(s)
EcoSystem	CS-1L-WM, CS-2L-WM, CS-1L-CM, CS-2L-CM, EcoSystem ESN, Grafik Eye QS with EcoSystem, Quantum



LUTRON HI-LUME® DIMMING

- 120V or 277V
- Dims down to less than 1% light output
- Consult dimming manufacturer for installation instructions

COMPATIBLE DIMMERS

Product	Part Number(s)
NovaT	NTF-10, NTF-103P, NTF-103P-277, NTF-10-277
Nova	NF-10, NF-103P, NF-103P-277, NF-10-277
Vareo	VF-10
Skylark	SF-10P, SF-12P-277, SF-12P-277-3, SF-103P
Diva	DVF-103, DVF-103P-277, DVSCF-103P, DVSCF-103P-277
Ariadni	AYF-103P, AYF-103P-277
Vierti	VTF-6AM
Maestro	MAF-6AM, MAF-6AM-277, MSCF-6AM, MCSF-6AM-277
Maestro Wireless	MRF2-F6AN-DV
Spacer System	SPSF-6A, SPSF-6A-277, SPSF-6AM, SPSF-6AM-277
Lyneo	LXF-103PL, LXF-103PL-277
Radio RA 2	RRD-F6AN-DV
HomeWorks QS	HQRD-F6AN-DV

