

HYPRO-F 90 PORTABLE

A340000-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 90
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct

PHYSICAL

Shape: Abstract
 Length (mm): 1170
 Length (in): 46 1/16
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 30
 Total Output Wattage (W): 27.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500mA

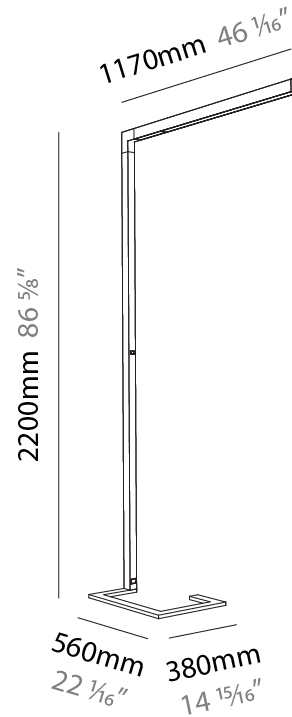
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2210 / 2251
 Nominal Lumen (lm): 3240 / 3300
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340000-

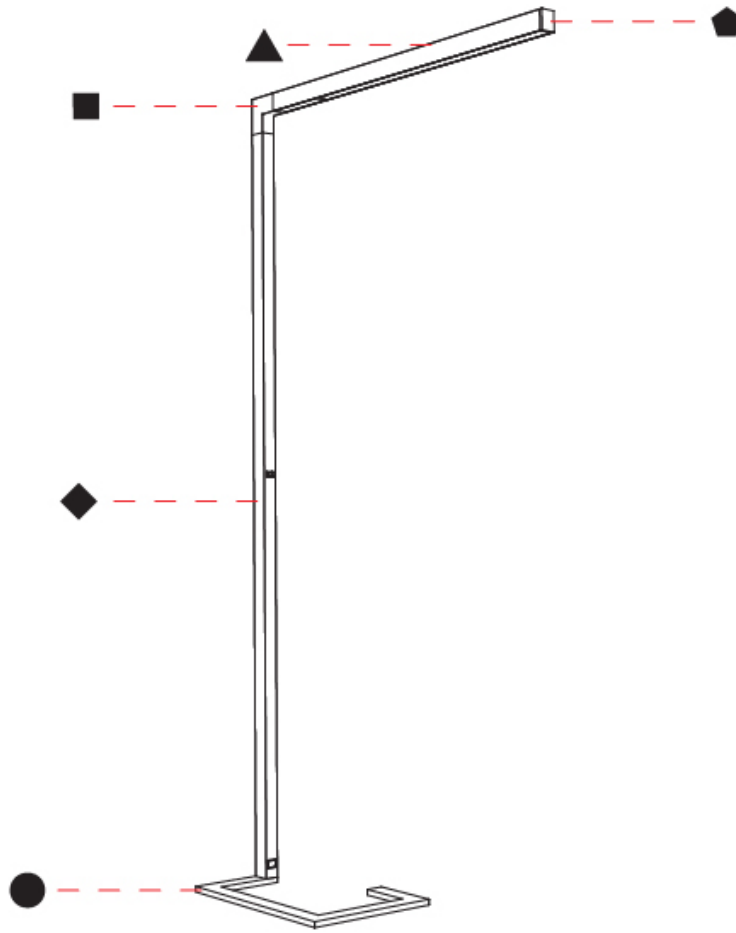
PROJECT

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QUANTITY

DATE



HYPRO-F 90 PORTABLE

A340001-

base number Color Temperature Finishes Finishes Finishes Finishes Finishes Diffuser Diffuser Options

PROJECT
TYPE
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DATE

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 90
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct / Indirect

PHYSICAL

Shape: Abstract
 Length (mm): 1170
 Length (in): 46 1/16
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8

Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens

Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 59
 Total Output Wattage (W): 53.7
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

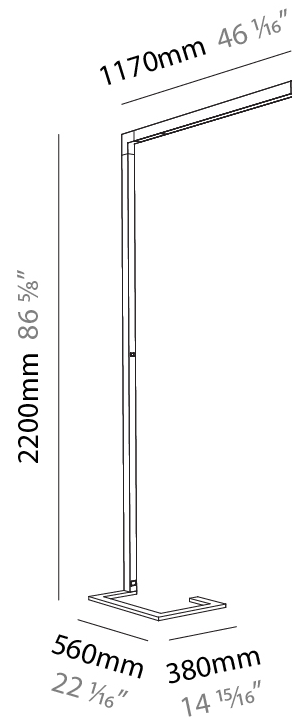
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 5018 - 5105
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340001-

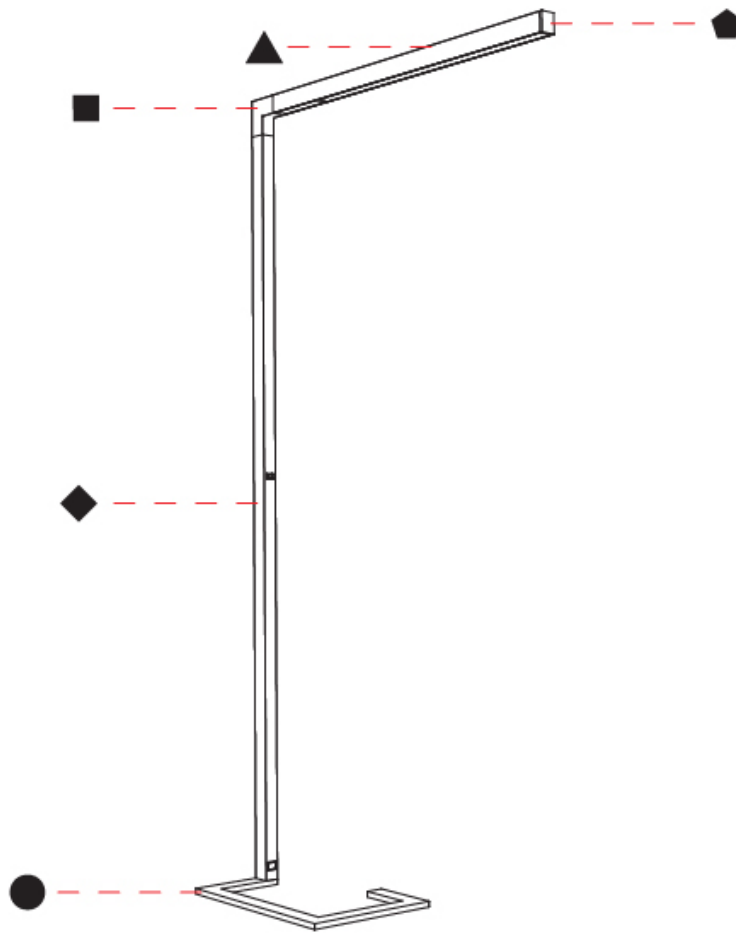
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

HYPRO-F 90 PORTABLE

A340002-

base number	Color	Finishes	Finishes	Finishes	Finishes	Finishes	Diffuser
	Temperature						

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
Subseries: Hypro-F 90
Partner: Prolicht
Division: Architectural
Installation: Portable
Product Type: Floor
Mounting Location: Floor
Light Distribution: Direct

PHYSICAL

Shape: Abstract
Length (mm): 1310
Length (in): 51 ⁹ / ₁₆
Width (mm): 380
Width (in): 14 ¹⁵ / ₁₆
Height (mm): 2200
Height (in): 86 ⁵ / ₈
Diffuser: PMMA - Micro-prism / Rico
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 67
Total Output Wattage (W): 60.9
Driver Included: Yes
Driver Location: Integrated
Input Voltage (V): 120 - 277

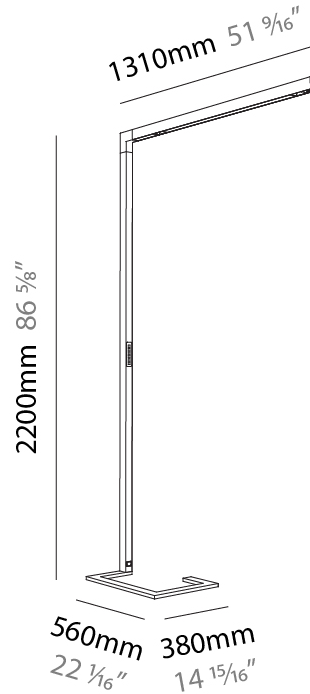
LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 4068 / 4275
CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



HYPRO-F 90 PORTABLE

A340002-

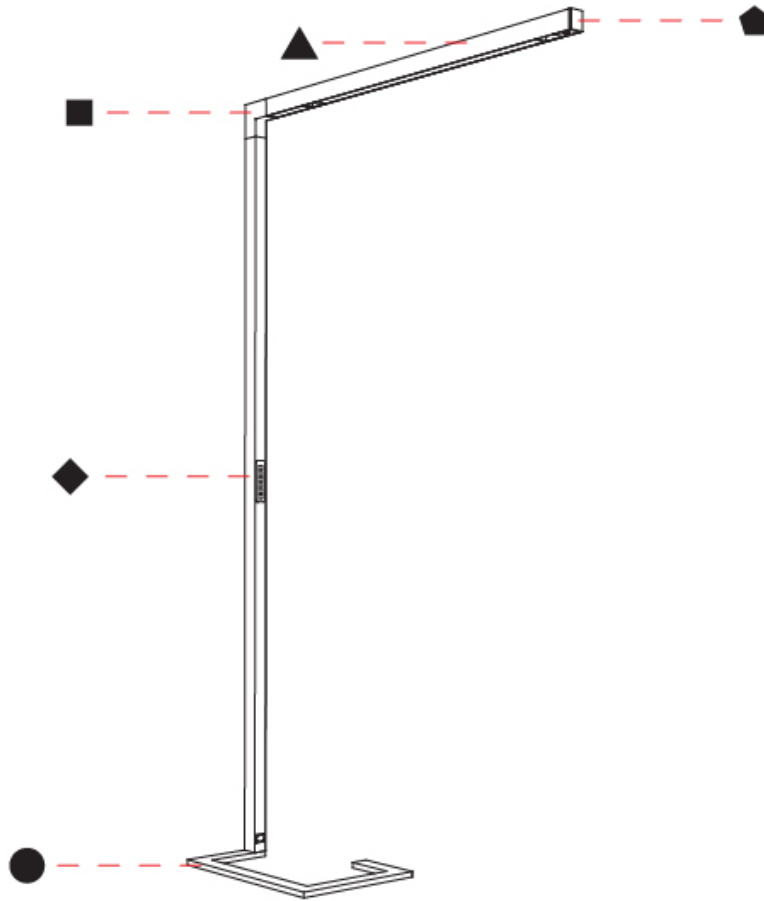
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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HYPRO-F 90 PORTABLE

A340003-

base number Color Temperature Finishes Finishes Finishes Finishes Finishes Diffuser Diffuser Options

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 90
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct / Indirect

PHYSICAL

Shape: Abstract
 Length (mm): 1310
 Length (in): 51 9/16
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8

Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens

Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 96
 Total Output Wattage (W): 87.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

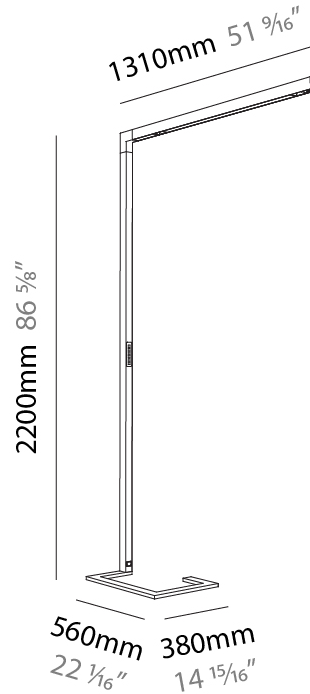
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 6861-7119
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340003-

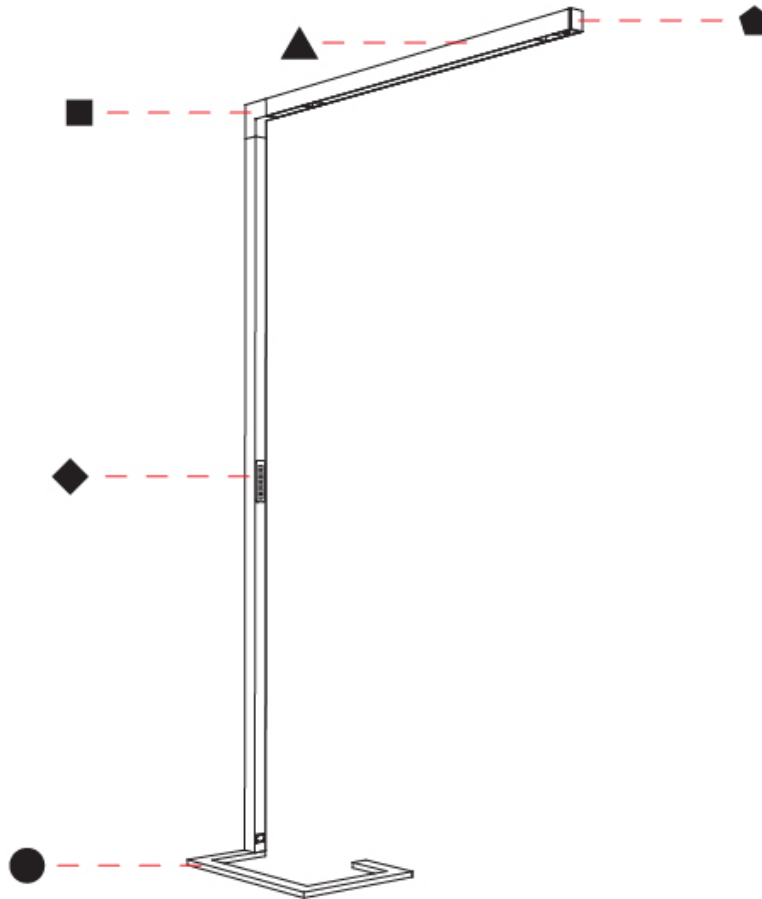
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



HYPRO-F 90 PORTABLE

A340004-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 90
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct / Indirect

PHYSICAL

Shape: Abstract
 Length (mm): 1310
 Length (in): 51 ⁹/₁₆"
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆"
 Height (mm): 2200
 Height (in): 86 ⁵/₈"
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 96
 Total Output Wattage (W): 87.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

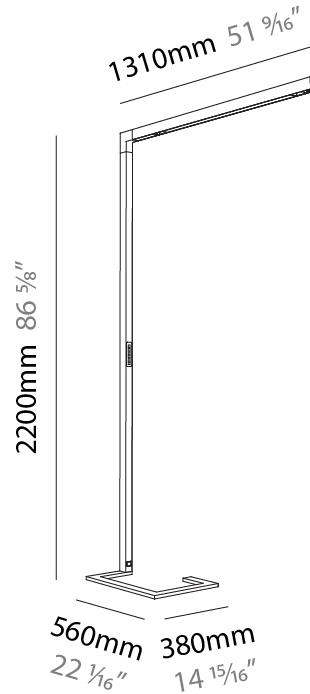
LED

Color Temperature (°K): 3000 / 4000 / TW
 Max. Delivered Lumen (lm): 4068-7001
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 90 PORTABLE

A340004-

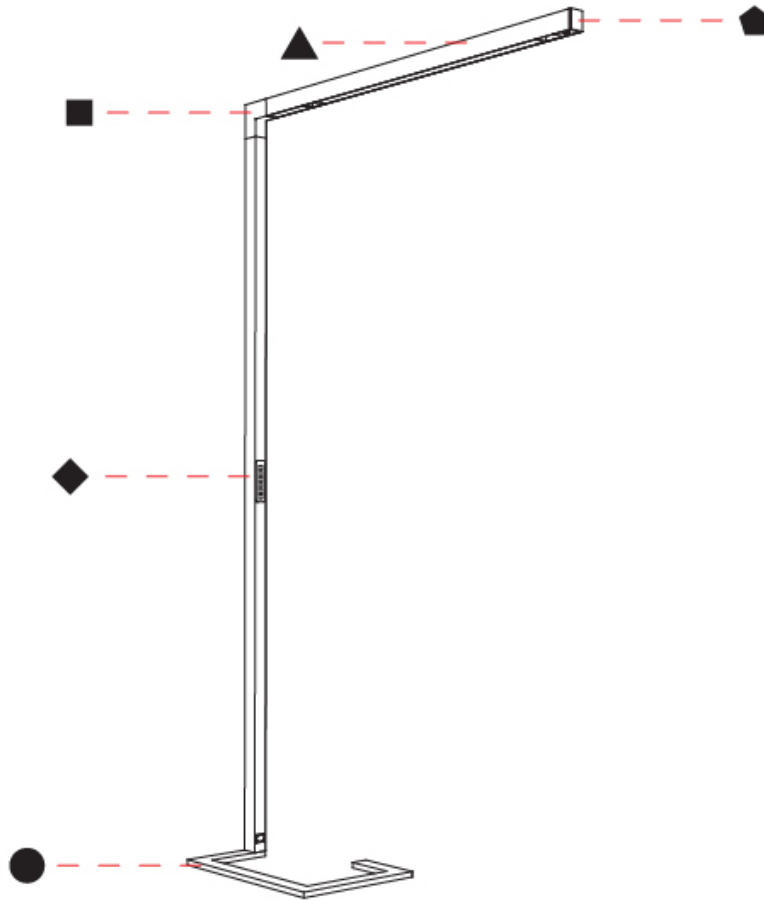
PROJECT

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QUANTITY

DATE



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PROJECT
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SPECIFIER
QUANTITY
DATE

HYPRO-F 160 PORTABLE

A340005-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 160
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct

PHYSICAL

Shape: Abstract
 Length (mm): 1610
 Length (in): 63 ⁷/₈
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆
 Height (mm): 2200
 Height (in): 86 ⁵/₈
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 30
 Total Output Wattage (W): 27.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277
 Constant Current (mA): 500mA

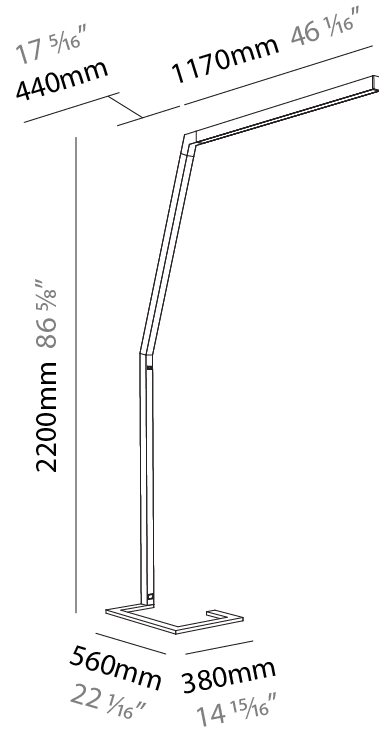
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2210 / 2251
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340005-

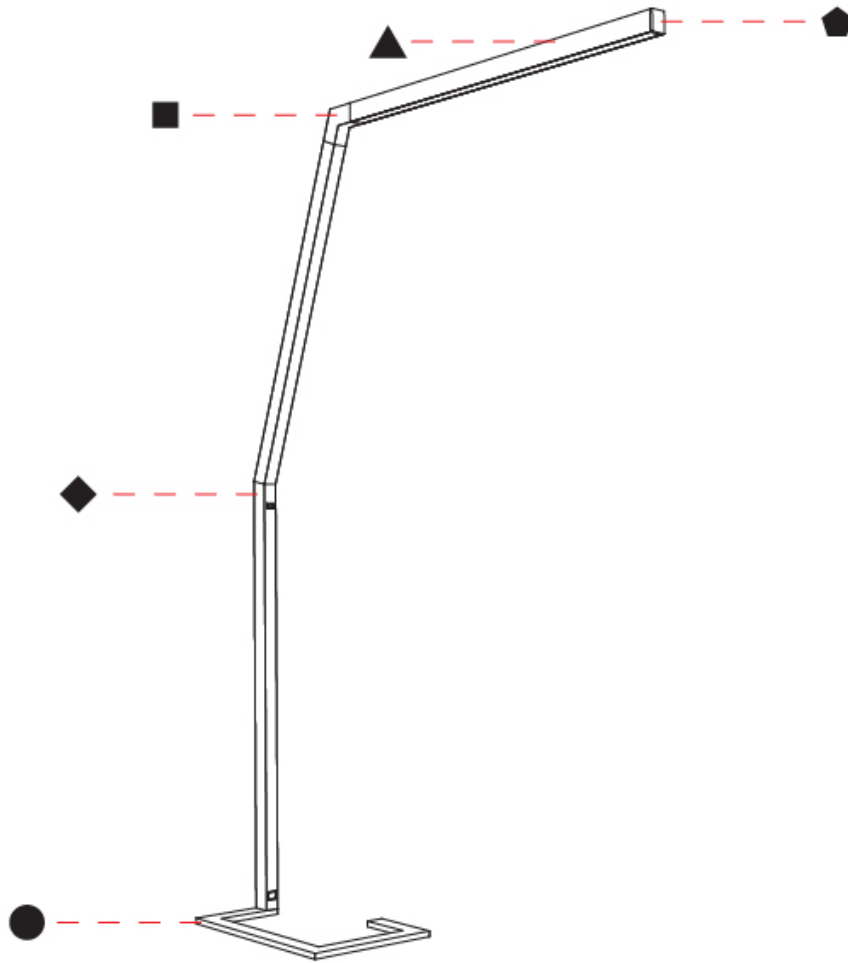
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

HYPRO-F 160 PORTABLE

A340006-

base number Color Temperature Finishes Finishes Finishes Finishes Finishes Diffuser Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 160
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct / Indirect

PHYSICAL

Shape: Abstract
 Length (mm): 1610
 Length (in): 63 7/8
 Width (mm): 380
 Width (in): 14 15/16
 Height (mm): 2200
 Height (in): 86 5/8
 Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 59
 Total Output Wattage (W): 53.7
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

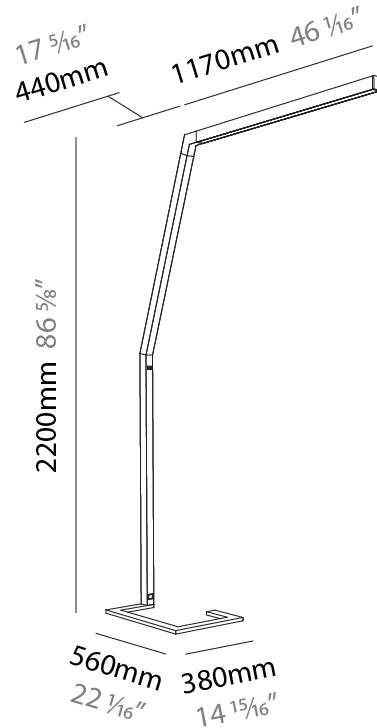
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 5018 - 5105
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340006-

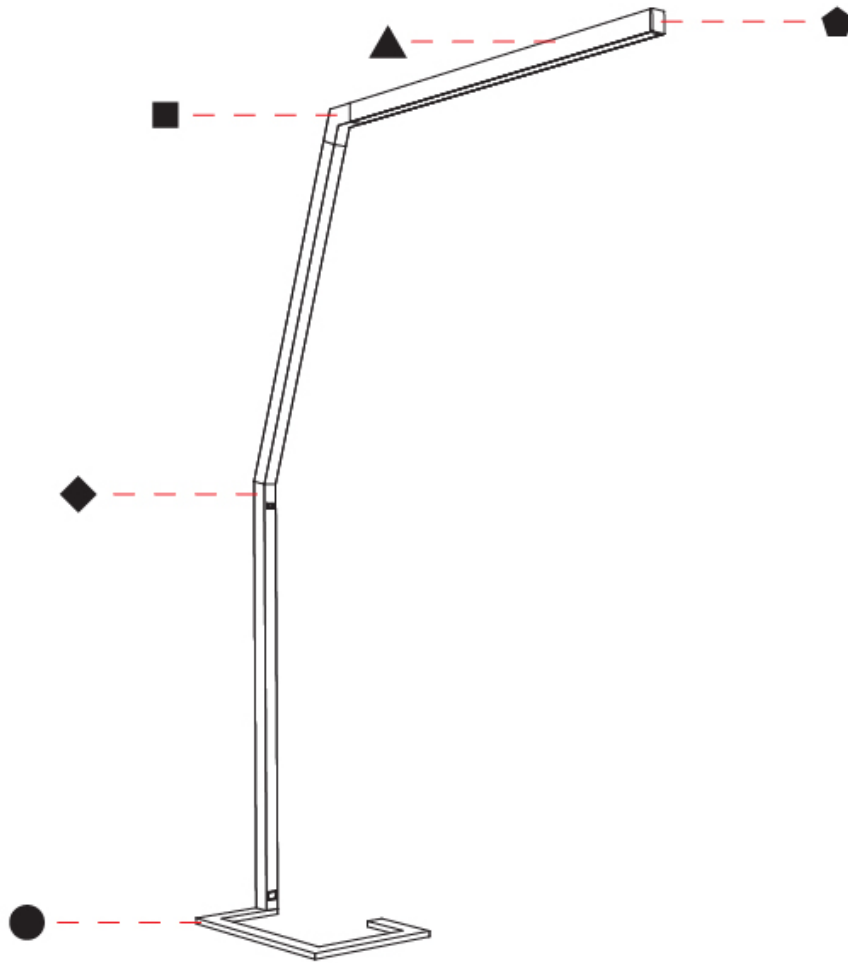
PROJECT

TYPE

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QUANTITY

DATE



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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

HYPRO-F 160 PORTABLE

A340007-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 160
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct

PHYSICAL

Shape: Abstract
 Length (mm): 1750
 Length (in): 68 ⁷/₈
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆
 Height (mm): 2200
 Height (in): 86 ⁵/₈
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 67
 Total Output Wattage (W): 60.9
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

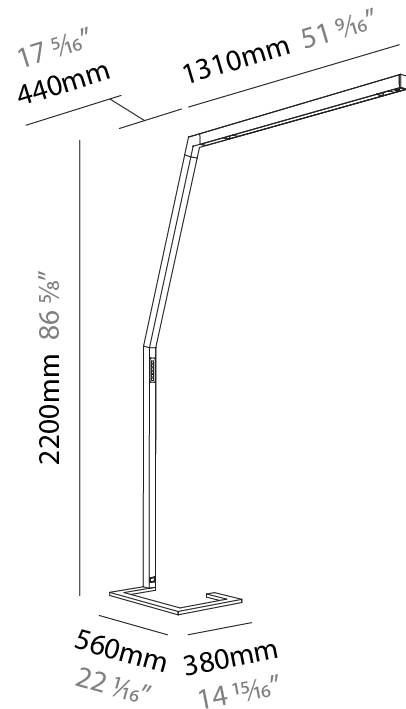
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 4068 / 4275
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340007-

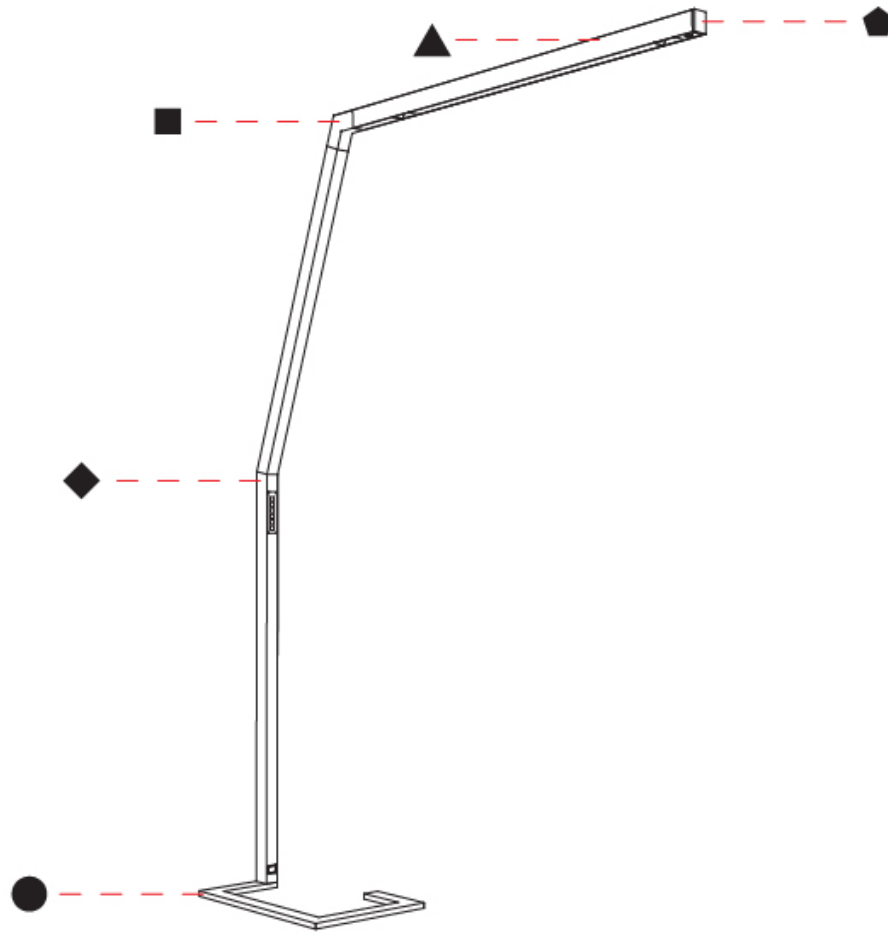
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

HYPRO-F 160 PORTABLE

A340008-

base number Color Finishes Finishes Finishes Finishes Finishes Diffuser

Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
 Subseries: Hypro-F 160
 Partner: Prolicht
 Division: Architectural
 Installation: Portable
 Product Type: Floor
 Mounting Location: Floor
 Light Distribution: Direct / Indirect

PHYSICAL

Shape: Abstract
 Length (mm): 1750
 Length (in): 68 ⁷/₈
 Width (mm): 380
 Width (in): 14 ¹⁵/₁₆
 Height (mm): 2200
 Height (in): 86 ⁵/₈
 Diffuser: PMMA - Micro-prism / Rico
 Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 96
 Total Output Wattage (W): 87.3
 Driver Included: Yes
 Driver Location: Integrated
 Input Voltage (V): 120 - 277

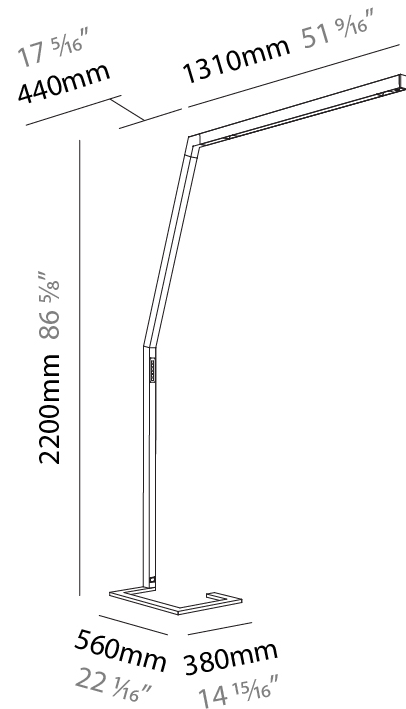
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 6861-7119
 CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP20



HYPRO-F 160 PORTABLE

A340008-

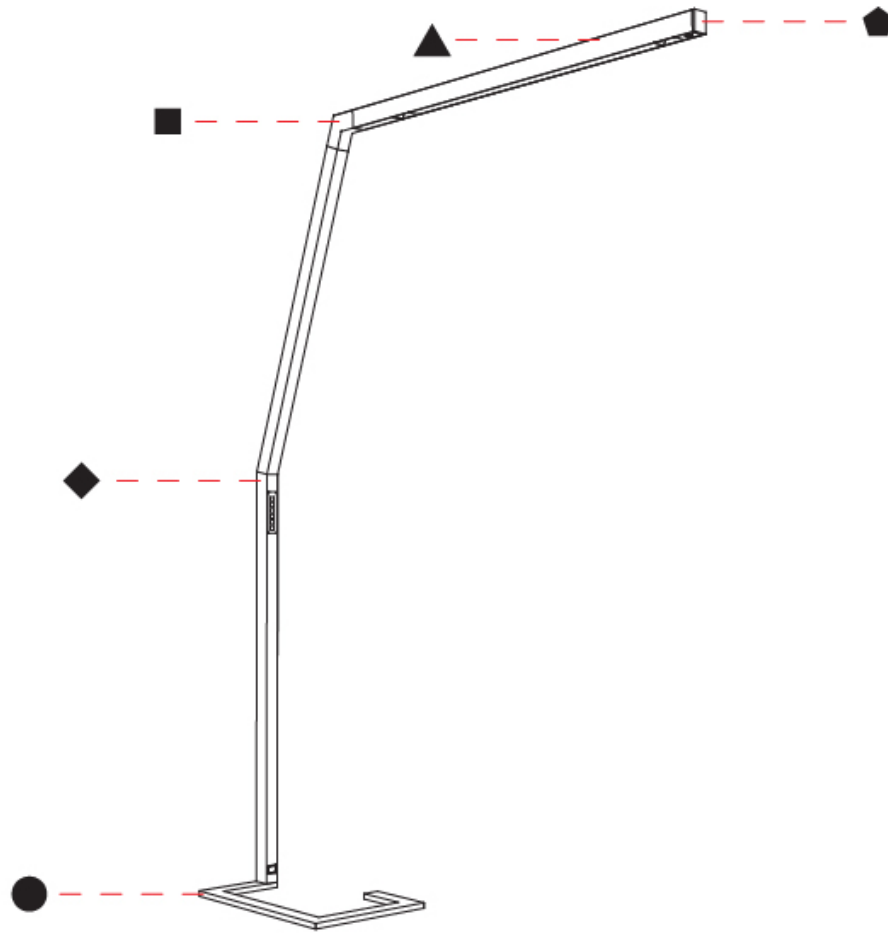
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

HYPRO-F 160 PORTABLE

A340009-

base number	Color Temperature	Finishes	Finishes	Finishes	Finishes	Finishes	Diffuser	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Hypro-F
Subseries: Hypro-F 160
Partner: Prolicht
Division: Architectural
Installation: Portable
Product Type: Floor
Mounting Location: Floor
Light Distribution: Direct / Indirect

PHYSICAL

Shape: Abstract
Length (mm): 1750
Length (in): 68 7/8
Width (mm): 380
Width (in): 14 15/16
Height (mm): 2200
Height (in): 86 5/8
Diffuser: PMMA - Micro-prism / Rico and PMMA - Opal / Linear Scattering / Lens
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB / MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum Die Cast

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 96
Total Output Wattage (W): 87.3
Driver Included: Yes
Driver Location: Integrated
Input Voltage (V): 120 - 277

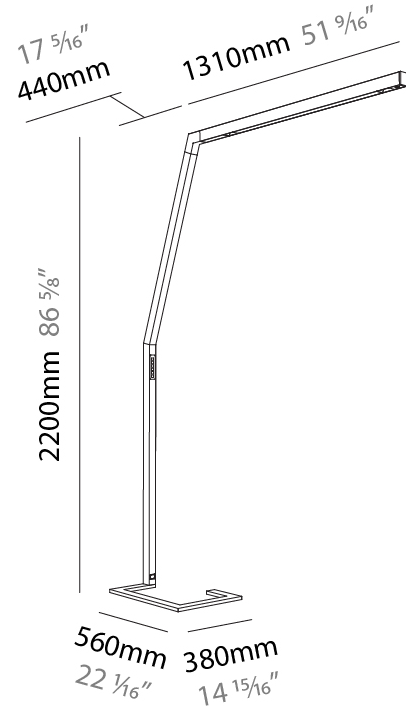
LED

Color Temperature (°K): 3000 / 4000 / TW
Max. Delivered Lumen (lm): 4068-7001
CRI: >90 CRI

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20



HYPRO-F 160 PORTABLE

A340009-

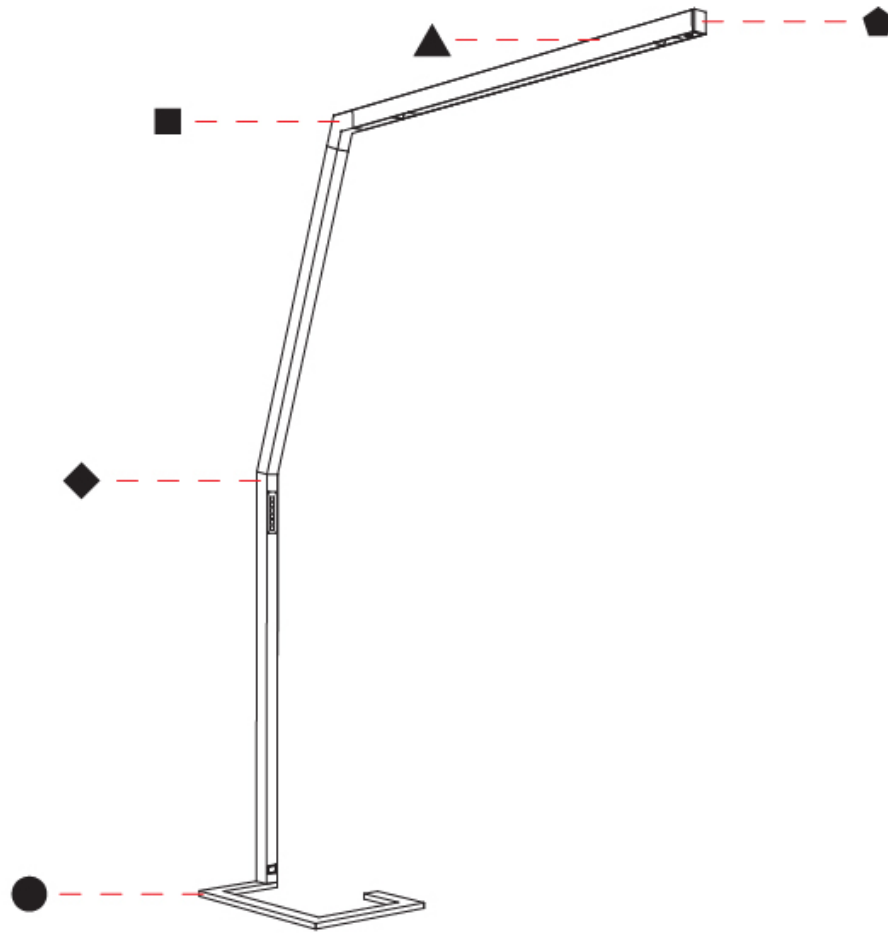
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



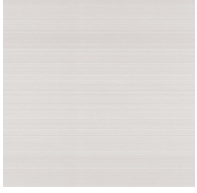
A

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

HYPRO-F COLOR FINISH CHART

Fixture Finish

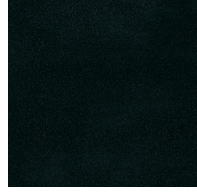
Aluminum Natural Anodized - 00 (ANA)



Sparkling Silver - 01 (SSR)



Black Velvet - 02 (BKV)



Crystal White - 03 (CWI)



Creamy - 04 (CRY)



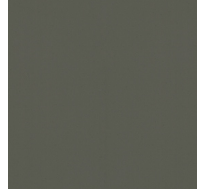
Hampton Bay - 05 (HAB)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



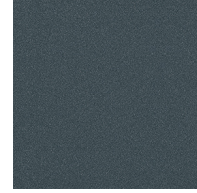
Rusty Angel - 09 (RUA)



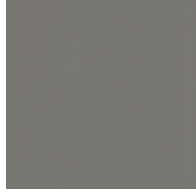
Fade to Gray - 12 (FTG)



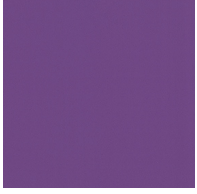
Mysterious Gray - 13 (MYG)



Lost Dream - 15 (LOD)



Purple Sky - 16 (PUS)



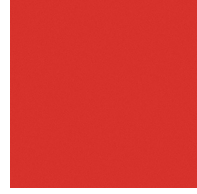
Fresh Oh - 17 (FRO)



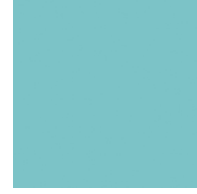
Funky P. - 18 (FUP)



Kissing Aphrodite - 19 (KIA)



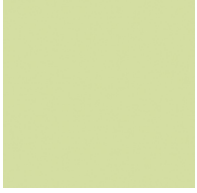
Poseidon's Paradise - 20 (POP)



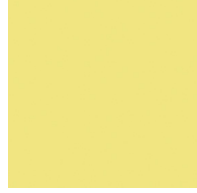
Blue Sky - 21 (BLS)



Spring Green - 22 (SPG)



Mellow Yellow - 23 (MEY)



Golden Heart - 24 (GOH)



Champagne Cream - 26 (CHC)



Copper Mine - 27 (COM)



Ancient Bronze - 28 (ABZ)



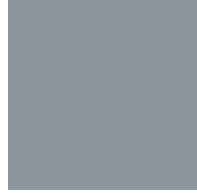
Jazz Gold - 29 (JAG)



Olive Breeze - 30 (OBR)



Moonlight Silver - 31 (MOS)



Rosewood Red - 32 (ROR)



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.



LEGEND

 floor-mounted	 pivotable	 special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
 wall and ceiling: recessed and surface mounted	 rotating	 warm dim / natural dimming LED
 ceiling-mounted and wall-mounted	 illuminate tilted	 rechargeable battery powered
 wall-mounted	 color of suspension cable	 fixture with natural vivid LED (upon request)
 omni-directional light distribution	 length of suspension cable	 color rendering index
 direct light distribution	 reflector degree selection	 color temperature
 direct/indirect light distribution	 super spot	 lumen (luminous flux)
 indirect light distribution	 lens	 efficacy (lumens per watt)
 asymmetric light distribution	 lens pack	 Unified Glare Rating (UGR) range from 5-40
 aura light distribution	 shine ring	 marine grade (AISI 316 stainless steel)
 round wall or ceiling cut-out	 integrated shine ring with diffuser	 walk on
 square wall or ceiling cut-out	 free individual colors 01-29	 drive on
 the supplied jig specifies the cutout dimensions	 individual colors: 00 (free of charge), 01-25 (extra charge)	 Dark Sky Compliance
 minimum distance (meters) lamp - object	 luminaire part to be colored (F1)	 Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
 recessed depth	 luminaire part to be colored (F2)	 lamp protected against explosion
 ceiling thickness in mm	 luminaire part to be colored (F3)	 blown glass using traditional methods by master glass blower
 ceiling thickness selection	 luminaire part to be colored (F4)	 acoustic material
 dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	 luminaire part to be colored (F5)	 protection class I, protection insulation
 included or excluded LED driver/transformer/control gear	 color of 3-circuit adaptor	 protection class II, protection insulation
 separately switchable	 indirect diffuser	 ETL Certified to UL and CSA Standards
 sensor	 direct diffuser	 UL Certified to UL and CSA Standards
 remote control	 ball-proof (upon request)	 CSA Certified to UL and CSA Standards
 available upon request	 accessory	 Certified for North American Standards

IP RATING

 IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
 IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
 IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
 IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
 IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
 IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
 IP65	protected against ingress of dust protected against jets of water
 IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
 IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
 IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

 IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
 IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
 IK03	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
 IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
 IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
 IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
 IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
 IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
 IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
 IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)